AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 1/5

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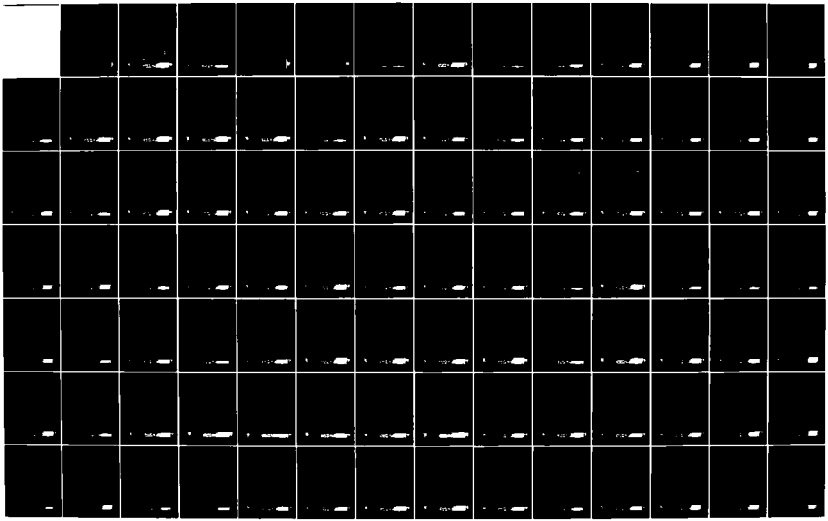

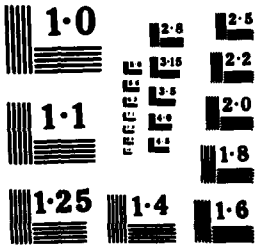
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UK035771

AD-A146 915

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MILDENHALL RAF UK — MJC #035771
N 52 22 E 000 29 ELEV 33 FT — EGUN

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

PERIOD OF RECORD:
HOURLY OBSERVATIONS: DEC 73 - NOV 83
SUMMARY OF DAY DATA: JUL 50 - SEP 54, AUG 56 - NOV 83

TIME CONVERSION GMT TO LST: 0

23 APR 1984

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

Wayne E. McCollom

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USAFETAC/TST

FOR THE COMMANDER

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS -84/016	2. GOVT ACCESSION NO. AD-A146 915	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Mildenhall RAF, United Kingdom		5. TYPE OF REPORT & PERIOD COVERED Final rept
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		12. REPORT DATE Apr 84
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18. SUPPLEMENTARY NOTES

SUPERSEDES REPT. NO. USAFETAC/DS-79/095, AD-A078 346, DEC 78.

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

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

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

This report is a six-part statisitical summary of surface weather observations for Mildenhall RAF, United Kingdom.

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Mildenhall RAF *UK035771
*Mildenhall *Great Britain

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
035771	MILDENHALL RAF STN ENGLAND	N 52 22	E 000 29	33	EGUN	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Mildenhall, England	RAF	Jul 51	Mar 54	N 52 22	E 000 28	38	32	24
2	Same	Same	Apr 54	Oct 54	Same	Same	38	27	24
3	Same	Same	Apr 56	Oct 56	Same	Same	43	59	9
4	Same	Same	Nov 56	Mar 57	Same	Same	Same	Same	24
5	Same	Same	Apr 57	Mar 60	N 52 22	E 000 29	Same	Same	24
6	Same	Same	Apr 60	Mar 64	Same	Same	40	Same	24
7	Same	Same	Apr 64	Nov 65	Same	Same	Same	Same	17-18
8	Same	Same	Dec 65	Jul 67	Same	Same	Same	Same	24
9	Same	Same	Aug 67	Nov 67	Same	Same	Same	57	24
10	Same	Same	Dec 67	Mar 69	Same	Same	Same	56	24
11	Same	Same	Apr 69	Dec 73	Same	Same	33	Same	24
12	Same	Same	Jan 74	Aug 78	Same	Same	Same	Same	24
13	Same	Same	Sep 78	Jan 84	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	Jul 51	Located on top of bldg in which the wx stn was located	AN/GMQ-1	None	35 Ft	
2	Apr 54	Located on steel tower approx 10 ft from wx stn	Same	None	24 Ft	
3	May 56	Located on top of control tower	Same	None	60 Ft	
4	Apr 57	Located on top of the control tower	AN/GMQ-1	None	70 Ft	
5	Apr 58	Located 500 ft N of tower	Same	None	13 Ft	
6	Apr 59	Located 1500 Ft E of control tower, 500 ft N of rnwy 29/11	AN/GMQ-11	RO-2	15 Ft	
7	Apr 60	Located 885 yds E of control tower, along rnwy 29/11	Same	Same	Same	

USAFETAC FORM NOV 75 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	Apr 69	Dual Instrumented				
		1. Rnwy 29, 500 ft from centerline, 1500 ft from end of rnwy	AN/GMQ-11	RO-2	13 Ft	
		2. Rnwy 11, 500 ft from centerline 150 ft from end of rnwy	AN/GMQ-20	RO-362	13 Ft	
9	Jan 71	Dual Instrumented				
		1. 500 ft from the centerline, 1124 ft from end of rnwy 29	AN/GMQ-20	RO-362	13 Ft	
		2. 500 ft from the centerline, 1564 ft from end of rnwy 11	AN/GMQ-20	RO-362	13 Ft	
10	Aug 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	
11	Jan 84	1. Same	Same	Same	Same	
		2. Same	Same			

NAC-6 APR; 68-8002

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

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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: 0000-0300, 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 _____

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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

035771	MILDENHALL RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH VIS TO VIS	TOTAL NO. OF OBS.
JAN	00-02		12.0		1.6		13.0	21.8	11.6			33.4	930
	03-05	.1	12.6		2.5		14.8	20.3	10.3			30.6	930
	06-08		13.8		3.4	.1	16.5	19.8	10.4			30.2	930
	09-11		12.5	.3	4.4		16.2	17.0	14.8			31.8	930
	12-14		12.8	.2	5.3		17.0	11.6	14.9			26.6	930
	15-17		14.0	.1	3.5		16.5	13.2	17.8			31.1	930
	18-20		10.3		3.3		12.7	17.3	17.4			34.7	930
	21-23		9.8		2.4		11.5	20.4	13.1			33.5	930
TOTALS		.0	12.2	.1	3.3	.0	14.8	17.7	13.8			31.5	7440

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
035771	MILDENHALL RAF UK	74-83	FEB

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		11.2	.1	2.6		13.4	26.2	20.8			47.0	846
	03-05		11.1	.2	3.0		14.2	28.4	18.6			46.9	846
	06-08		10.3	.7	3.2		13.5	29.9	17.3			47.2	846
	09-11		9.3	.2	4.6		13.8	25.1	22.0	.1		47.2	846
	12-14		11.6		3.9		14.5	13.0	24.2			37.2	846
	15-17	.1	15.2		2.7	.1	18.1	10.6	25.3			35.9	846
	18-20	.1	14.3	.1	2.7		16.7	15.2	27.5			42.8	846
	21-23		11.8	.2	2.7		14.1	19.6	24.1			43.7	846
TOTALS		.0	11.9	.2	3.2	.0	14.8	21.0	22.5	.0		43.5	6768

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035771	MILDENHALL RAF UK	74-83	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		15.1		.6		15.4	16.8	12.6			29.4	930
	03-05		15.2		2.2		16.5	21.0	11.3			32.3	930
	06-08		15.2		2.7		16.8	21.7	17.0			38.7	930
	09-11		17.1		3.4		18.8	13.3	18.5			31.8	930
	12-14	.4	18.0		1.7	.2	18.9	4.8	17.1		.1	22.0	930
	15-17	.4	17.6		1.1	.2	18.3	4.3	14.8			19.1	930
	18-20		18.2		.3		18.3	6.9	14.9			21.8	930
	21-23		16.5		.3		16.6	10.8	14.4			25.2	930
TOTALS		.1	16.6		1.5	.1	17.5	12.5	15.1		.0	27.5	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
035771	MILDENHALL RAF UK	74-83	APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		9.0		1.0		9.4	13.2	13.6			26.8	900
	03-05		11.8		.9		12.3	21.3	14.3			35.7	900
	06-08		13.8		1.0		14.3	21.2	19.9			41.1	900
	09-11		12.4		.6		12.7	7.7	16.1			23.8	900
	12-14		12.0		1.1	.1	12.7	2.4	10.8			13.2	900
	15-17	.4	12.8		1.1		13.2	1.1	9.1			10.2	900
	18-20	.3	12.1		.7		12.3	2.2	15.4			17.7	900
	21-23		9.4		1.4		10.1	6.3	15.0			21.3	900
TOTALS		.1	11.7		1.0	.0	12.1	9.4	14.3			23.7	7200

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WEATHER CONDITIONS

035771	MILDENHALL 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	.2	10.6				10.6	14.1	10.8			24.8	930
	03-05		10.1				10.1	25.1	14.2			39.2	930
	06-08	.1	9.7		.2		9.7	19.8	18.6			38.4	930
	09-11	.2	9.4				9.4	5.1	14.2			19.2	930
	12-14	1.5	12.6				12.6	1.1	9.0			10.1	930
	15-17	1.5	13.8				13.8	1.0	7.8			8.8	930
	18-20	.5	8.7				8.7	3.0	12.2			15.2	930
	21-23	.2	10.1		.1		10.1	6.7	10.9			17.5	930
TOTALS		.5	10.6		.0		10.6	9.5	12.2			21.7	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
035771	MILDENHALL RAF UK	74-83	JUN

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	.8	9.0				9.0	12.0	12.7			24.7	900
	03-05	.6	10.9				10.9	25.4	16.3			41.8	900
	06-08	.4	9.0				9.0	16.4	19.2			35.7	900
	09-11	.1	7.9		.1		8.0	3.1	11.1			14.2	900
	12-14	2.0	8.8			.2	9.0	.4	6.0			6.4	900
	15-17	2.7	10.9				10.9	.3	5.4			5.8	900
	18-20	.9	7.7				7.7	1.2	9.0			10.2	900
	21-23	.4	8.8				8.8	4.6	12.9			17.4	900
TOTALS		1.0	9.1		.0	.0	9.2	7.9	11.6			19.5	7200

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WEATHER CONDITIONS

035771 — STATION
HILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUL — 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.
JUL	00-02	.2	4.9				4.9	13.4	11.0			24.4	930
	03-05	.5	7.2				7.2	23.7	15.4			39.0	930
	06-08	.5	7.8				7.8	14.7	16.9			31.6	930
	09-11	.4	7.5				7.5	4.3	11.9			16.2	930
	12-14	.8	7.7				7.7	1.0	8.4			9.4	930
	15-17	1.2	8.2				8.2	.6	7.0			7.6	930
	18-20	1.0	6.9				6.9	1.7	8.3			10.0	930
	21-23	.4	6.8				6.8	6.7	9.7			16.3	930
TOTALS		.6	7.1				7.1	8.3	11.1			19.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.1	6.9				6.9	21.9	12.8			34.7	930
	03-05	.3	8.4				8.4	37.2	10.8			48.0	930
	06-08		7.8				7.8	31.0	16.7			47.6	930
	09-11	.2	8.2				8.2	6.5	14.1			20.5	930
	12-14	.5	8.6				8.6	2.3	8.7			11.0	930
	15-17	1.5	9.9				9.9	1.5	7.6			9.1	930
	18-20	1.4	7.2				7.2	3.2	13.5			16.8	930
	21-23	.3	7.1				7.1	9.7	15.4			25.1	930
TOTALS		.5	8.0				8.0	14.2	12.5			26.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035771	MILDENHALL RAF UK	74-83	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	9.8				9.8	15.3	15.9			31.2	900
	03-05	.1	10.8				10.8	24.4	12.0			36.4	900
	06-08		9.9				9.9	26.7	16.8			43.4	900
	09-11		9.8				9.8	7.4	15.2			22.7	900
	12-14	.3	9.4				9.4	2.0	10.1			12.1	900
	15-17	1.4	9.1				9.1	2.2	11.3			13.6	900
	18-20	.2	8.3				8.3	4.8	17.8			22.6	900
	21-23		8.4				8.4	10.6	18.0			28.6	900
TOTALS		.3	9.4				9.4	11.7	14.6			26.3	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
035771	MILDENHALL RAF UK	74-83	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		13.7				13.7	26.7	9.0			35.7	930
	03-05		12.6				12.6	32.6	8.0			40.6	929
	06-08		12.3				12.3	34.5	10.8			45.3	930
	09-11	.2	14.1		.2		14.1	16.7	15.2			31.8	930
	12-14	.1	12.3				12.3	6.3	11.3			17.6	930
	15-17	.3	14.7				14.7	4.6	14.1			18.7	930
	18-20		15.4				15.4	12.0	15.9			28.0	930
	21-23	.2	13.3				13.3	18.7	11.4			30.1	930
TOTALS		.1	13.6		.0		13.6	19.0	12.0			31.0	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

C35771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		10.6		.4		11.0	21.7	12.6			34.2	900
	03-05		12.3		.9		13.0	23.1	10.4			33.6	900
	06-08		15.2		1.1		16.1	24.3	7.4			31.8	900
	09-11		16.4		1.0		17.1	19.2	12.4			31.7	900
	12-14		15.1		.4		15.4	12.4	12.0			24.4	900
	15-17		15.8		.3		16.1	12.6	14.8			27.3	900
	18-20		11.2				11.2	16.3	15.4			31.8	900
	21-23	.1	9.4		.6		9.8	20.7	15.8			36.4	900
TOTALS		.0	13.3		.6		13.7	18.8	12.6			31.4	7200

USAFETAC FORM JULY 66 0-10-5(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

C35771 — STATION
MILDENHALL RAF UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		10.9		1.7		11.8	26.8	10.0			36.8	930
	03-05	.1	13.2		2.6		14.7	24.1	10.5			34.6	930
	06-08		12.9		2.2		14.4	22.3	8.7			31.0	930
	09-11		13.1		1.8		14.4	22.9	12.3			35.2	930
	12-14		10.5		2.2		12.4	16.2	17.1			33.3	930
	15-17		11.1		2.4		12.9	18.2	17.5			35.7	930
	18-20		11.1		2.3		12.5	22.4	13.7			36.0	930
	21-23		11.0		1.9		12.0	26.0	10.9			36.9	930
TOTALS		.0	11.7		2.1		13.1	22.4	12.6			34.9	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
075771	MILDENHALL RAF UK	73-83	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	12.2	.1	3.3	.0	14.8	17.7	13.8			31.5	7440
FEB		.0	11.9	.2	3.2	.0	14.8	21.0	22.5	.0		43.5	6768
MAR		.1	16.6		1.5	.1	17.5	12.5	15.1		.0	27.5	7440
APR		.1	11.7		1.0	.0	12.1	9.4	14.3			23.7	7200
MAY		.5	10.6		.0		10.6	9.5	12.2			21.7	7440
JUN		1.0	9.1		.0	.0	9.2	7.9	11.6			19.5	7200
JUL		.6	7.1				7.1	8.3	11.1			19.3	7440
AUG		.5	8.0				8.0	14.2	12.5			26.6	7440
SEP		.3	9.4				9.4	11.7	14.6			26.3	7200
OCT		.1	13.6		.0		13.6	19.0	12.0			31.0	7439
NOV		.0	13.3		.6		13.7	18.8	12.6			31.4	7200
DEC		.0	11.7		2.1		13.1	22.4	12.6			34.9	7440
TOTALS		.3	11.3	.0	1.0	.0	12.0	14.4	13.7	.0	.0	28.1	87647

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

L OBAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ELDENHALL RAF UK	[illegible]-54, 56-83	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	61.2	1.1	19.1	.7	65.[illegible]	52.7	75.4	.3		[illegible]	[illegible]
FEB		.3	56.	.6	[illegible].3	.7	54.1	54.5	31.[illegible]	.6		87.[illegible]	[illegible]
MAR		2.1	[illegible].3		12.6	2.1	64.7	46.[illegible]	73.[illegible]		.2	[illegible].7	961
APR		7.1	62.2		6.7	2.7	62.6	37.5	71.[illegible]			75.6	9[illegible]
MAY		7.8	[illegible]1.4		.7	1.2	61.4	38.1	7[illegible].1			74.6	935
JUN		1[illegible].4	[illegible].7		.1	.9	53.7	36.1	66.7			7[illegible].6	93[illegible]
JUL		9.7	56.2			.5	56.2	39.7	71.4			75.8	9[illegible]
AUG		4.8	56.1			.6	56.1	52.3	75.7			80.[illegible]	[illegible]
SEP		[illegible].4	56.[illegible]				56.	[illegible]2.3	73.9			79.[illegible]	9[illegible]
OCT		1.4	55.9		.1	.2	55.9	61.9	74.3			83.4	984
NOV		.6	67.[illegible]	.1	4.[illegible]	.5	67.9	56.3	72.8			81.1	96[illegible]
DEC		.1	63.3	.7	11.9	.4	63.1	58.1	71.1	.2		84.1	96[illegible]
TOTALS		4.3	59.2	.2	6.3	.4	61.3	48.8	73.2	.1	.0	79.8	[illegible]473

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

C35771 — STATION
MILDENHALL RAF UK — STATION NAME
50-54, 56-83 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	30.5	20.8	5.8	16.2	10.2	11.1	4.2	1.1	.1					48.7	958	1.75	3.74	.41
FEB	35.0	22.2	5.0	13.3	8.5	10.0	4.7	1.3	.1					42.8	874	1.52	3.51	.10
MAR	33.4	20.4	5.5	14.1	9.6	10.8	4.9	1.3						46.1	960	1.68	3.52	.28
APR	36.2	21.1	5.1	13.5	7.4	10.9	4.8	.9	.1					42.7	930	1.53	3.38	.07
MAY	37.7	19.2	6.2	12.0	7.5	10.9	4.6	1.7	.3					43.1	937	2.01	4.49	.05
JUN	45.4	18.3	5.0	10.2	4.6	7.8	4.6	3.6	.5					36.3	929	2.05	4.52	.03
JUL	41.8	19.5	5.2	10.5	5.7	9.9	4.3	2.7	.4					38.7	976	2.04	4.23	.38
AUG	43.1	16.5	4.1	10.7	7.8	9.9	5.4	2.0	.4					40.4	988	1.98	5.15	.26
SEP	43.1	16.7	4.4	10.4	6.5	10.2	5.6	2.7	.3					40.2	958	1.97	4.96	.04
OCT	42.4	16.4	4.5	14.3	5.9	8.2	6.1	1.7	.5					41.2	961	1.92	4.85	.10
NOV	31.1	17.9	6.6	14.0	10.5	10.6	7.6	1.3	.5					51.0	956	2.24	5.24	.58
DEC	31.3	20.7	7.2	14.2	8.6	11.3	5.0	1.6	.1					48.0	961	1.87	3.75	.48
ANNUAL	37.6	19.1	5.4	12.8	7.7	10.1	5.1	1.8	.3					43.3	11388	22.56		

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CLIMETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION: 7577[illegible] STATION NAME: ILDENHALL RAF UK YEARS: 50-54, 56-83

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50							* .53	.46	.72	.16	.99	.35	
51	.42	.43	.56	.53	.52	.76	.35	.48	.62	.27	.46	.30	.76
52	.14	.13	.53	1.10	.35	.76	.32	.41	.42	.36	.43	.27	1.10
53	.16	.24	.12	.21	.19	.9[illegible]	.62	.35	.18	.9[illegible]	.39	.22	.8[illegible]
54	.2[illegible]	.43	.58	.13	.52	.63	.73	.76	.34				
55											.18	.93	
56	.71	.65	.25	.[illegible]2	.25	.85	1.18*	.77*	.96	.33*	.41	.64	1.18
57	.3[illegible]	1.33	.29	.27	2.3[illegible]	1.[illegible]9	.94	.53	.68	.50	1.40	.45	2.30
58	.5[illegible]	.27	.35	.47	.63	.17	2.2[illegible]	.25	.[illegible]7	.37	.33	.76	2.20
59	.46	.23	.76	.13*	.25	1.63	.73	.72	.49	.55	1.12	.68	1.63
60	.2[illegible]	.41	.18	.25	.41	.46	.49	.38	.42	.34	.41	.65	.65
61	.7	.11	.31	.31	.67	.[illegible]2	.32	.43	.61	.55	.24	.32	.82
62	.77	.22	.35	.3[illegible]	.6[illegible]	.58	.99	.95	.58	.39	.35	.23	.99
63	.44	.55*	.76	.5[illegible]	.28	.5[illegible]*	.55	.79	.19	.22	.31	.74	.80
64	.7[illegible]	.12	.57	.43*	.42	.65*	.89	.43	.58	.15	.29	.56	* .89
65	.14	.38	.24	.29	.28	1.[illegible]7	.86	1.76	.59	1.14	.23	.56	1.76
66	.1[illegible]*	.33	.38	.57	.79	.69	.68	.35	.45	.68*	.46	.28	.79
67	.41	.26	.31	.30	.30	.89	.89*	.56	1.54	1.33*	.27	.42	1.54
68	.3[illegible]	.95	.31	.32	1.32	.62	1.33	.39	.02	.10	.63	.48	1.39
69	.4[illegible]	.42	.33	.38	.44	.35	.5[illegible]	.46	.60	.32	1.12	.35	1.12
70	1.3[illegible]	.18	.37	.44	.69	1.17	.83	.45	.17	.75	.51	.21	1.38
71	.64	.34	.36	.44*	.22*	.33	.21	.49	.31	.[illegible]2	.76	.4[illegible]	.76
72	.14	.39	.19	.44	.40	.90	1.27	.21	.59	.28	.27	.29	1.27
73	.31	.58	.19	.31	.11	.89	.49	.57	.72	.66	1.24	.36	1.24
74	.59	.24	.53	.41	.46	1.11	.65	.09	1.94	.10	.51	.47	1.94
75	.82	.49	.34	.27	.65	.47	.15	.63	.57	1.20	1.29	.38	1.29
76	.52	.57	.36	.53	.4[illegible]	.68	.33	1.[illegible]7	.56	.20	.42	1.32	1.32
77	.94	.75	.82	.48	2.[illegible]4	.6[illegible]	.66	.45	.6[illegible]	.12	.36	.68	2.04
78	.36	.55	.51	.28	.46	.41	.45	.59	.25	.41	.45	.79	.79
79	.62	.62	.70	.40	.36	.94	.95	.83	.46	.46	.40	.49	.95
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 60 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] MILDENHALL RAF UK — [illegible]-54, 56-[illegible]

STATION — STATION NAME — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	.[illegible]	.12	.65	.62	.49	.24*	.5[illegible]	1.52	.39	1.52	.3[illegible]	.38	1.52
[illegible]	.43	.18	.42	.[illegible]9	.88	.76	.63	.57	.8[illegible]	1.11	.5[illegible]	.64	1.11
[illegible]	.2[illegible]	.35	.26	.64	.79	.70	.50	.69	.53	.31	.58		
MEAN	.463	.426	.400	.383	.628	.723	.743	.672	.549	.545	.568	.5[illegible]3	1.273
S.D.	.2[illegible]3	.285	.182	.202	.501	.324	.417	.354	.377	.414	.353	.242	.489
TOTAL OBS.	958	874	96[illegible]	93[illegible]	937	929	976	988	958	961	956	961	11388

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] WILDENRATH RAF UK [illegible]-34, 56-67
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]							* 1.56	2.37	2.72	.54	4.32	1.75	
[illegible]	2.21	2.72	3.52	3.38	2.29	1.42	.84	2.50	2.11	.90	2.31	1.22	25.47
[illegible]	1.13	.44	1.77	1.68	1.39	1.26	.64	1.83	1.88	2.46	2.50	1.20	18.25
[illegible]	.65	.76	.28	1.12	.52	2.15	2.94	1.43	.81	1.73	1.19	.48	14.07
[illegible]	.84	1.56	2.39	.34	2.19	1.54	2.72	3.63	1.24				
[illegible]											.58	2.74	
[illegible]	1.43	2.38	1.63	.77	.93	2.19	2.54*	2.04*	3.81	.94*	.69	1.36	*[illegible].01
[illegible]	1.23	3.51	.6[illegible]	.54	.49	3.70	3.25	2.28	2.72	1.54	2.23	2.58	28.67
[illegible]	2.43	.13	1.[illegible]	2.16	.97	.91	3.72	.76	.07	1.82	1.53	2.95	19.07
[illegible]	2.31	.35	1.31	.48*	.75	2.54	3.02	2.37	2.73	3.98	3.35	2.01	*25.36
[illegible]	1.99	1.60	.31	1.39	.85	1.72	1.73	1.91	2.37	2.71	1.41	2.83	19.46
[illegible]	1.64	.50	1.14	1.34	1.94	.73	2.24	1.72	3.53	1.22	1.28	1.34	18.22
[illegible]	.38	.79	1.86	1.32	1.92	1.73	1.84	3.37	1.64	1.32	2.75	.51	19.33
[illegible]	1.2[illegible]	1.31*	2.27	1.89	1.06	3.95*	1.78	1.67	.54	1.37	1.71	1.91	*2[illegible].00
[illegible]	1.86	.55	2.22	1.63*	1.37	2.33*	2.00	1.81	2.66	.40	1.60	3.21	*23.07
[illegible]	.7[illegible]	1.34	.57	2.[illegible]2	1.29	2.58	3.37	3.13	1.00	3.43	1.80	2.87	*24.61
[illegible]	.6[illegible]*	1.39	.84	2.37	3.67	.83	1.44	1.29	1.51	3.64*	1.85	1.35	*20.86
[illegible]	1.3[illegible]	.61	.72	1.20	1.17	3.17	3.16*	3.57	4.96	2.66*	1.15	1.19	*24.91
[illegible]	1.63	2.49	1.58	1.44	3.11	1.57	2.35	1.51	.74	.17	2.65	2.70	2[illegible].54
[illegible]	1.36	1.95	1.22	2.12	.99	.79	1.91	1.31	1.45	1.18	5.24	1.8[illegible]	21.92
[illegible]	3.74	.52	.85	.87	1.69	3.37	1.31	1.62	.49	2.63	2.74	.77	2[illegible].67
[illegible]	3.14	1.41	1.62	1.77*	1.12*	.81	1.[illegible]4	.97	.90	.10	2.21	1.28	*15.37
[illegible]	.41	.84	.62	2.[illegible]2	2.45	2.57	3.[illegible]5	.60	3.54	1.15	1.25	1.31	19.81
74	1.66	2.29	.92	.52	.74	2.88	1.71	2.31	3.25	4.37	4.56	1.[illegible]7	26.18
75	2.03	.79	3.39	2.39	1.88	1.63	1.68	.26	3.89	.40	2.00	1.33	21.71
76	2.23	.92	.65	.61	2.22	.55	.38	1.43	2.79	4.53	3.4[illegible]	2.24	22.[illegible]0
77	2.83	3.51	2.48	2.24	1.99	2.09	.63	5.15	.91	.90	2.72	3.43	28.88
78	3.39	3.[illegible]5	3.[illegible]2	1.77	2.9[illegible]	2.49	2.47	2.24	1.66	.45	1.35	3.75	28.53
79	1.66	1.97	3.29	1.43	3.[illegible]2	1.44	.98	2.27	.81	1.40	2.08	3.72	23.97
80	1.6[illegible]	3.08	3.22	.92	.59	3.58	4.23	2.78	1.[illegible]5	1.98	2.09	1.44	26.65
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] MILDENHALL RAF UK — 50-54, 56-57

STATION — STATION NAME — YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1.1[illegible]	.41	3.42	2.25	2.72	.62	1.47	1.77	2.63	4.[illegible]	1.32	1.38	*23.21
[illegible]	1.54	.73	2.3[illegible]	.39	2.97	4.52	1.[illegible]9	2.[illegible]5	2.52	4.95	2.84	1.51	27.31
[illegible]	1.2[illegible]	2.24	1.19	3.36	4.46	1.31	.8[illegible]	.93	2.69	1.36	1.67		
MEAN	1.751	1.523	1.694	1.533	2.[illegible]11	2.[illegible]52	2.037	1.976	1.971	1.922	2.243	1.865	22.529
S.D.	.750	1.003	1.023	.833	1.1[illegible]6	1.13[illegible]	1.056	.985	1.197	1.391	1.100	.925	4.193
TOTAL OBS.	953	874	960	930	937	929	976	988	958	961	956	961	11388

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-[illegible] (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

C35771 — STATION
MILDENHALL RAF UK — STATION NAME
50-54, 56-83 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	80.9	12.2	2.9	2.9	.6	.1		.2	.1					6.9	925	2.1	10.7	.0
FEB	79.6	13.5	3.4	2.0	.9		.1	.4	.1					7.0	846	2.2	14.4	.0
MAR	86.5	11.0	.8	1.0	.3	.1	.1	.1						2.5	958	1.0	6.2	.0
APR	93.4	5.6	.4	.4	.1									1.0	900	.2	2.3	.0
MAY	99.2	.8													924	TRACE	TRACE	.0
JUN	99.9	.1													870	TRACE	TRACE	.0
JUL	100.0														917	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	99.9	.1													900	TRACE	TRACE	.0
OCT	99.9	.1													899	TRACE	TRACE	.0
NOV	95.4	3.2	.4	.4	.1	.1	.1		.1					1.3	901	.6	6.8	.0
DEC	87.5	7.3	2.6	1.5	.9	.1		.1						5.2	930	1.4	8.2	.0
ANNUAL	93.5	4.5	.9	.7	.2	.0	.0	.1	.0					2.0	10900	7.5		

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible]71 — STATION
[illegible]LDENHALL RAF UK — STATION NAME
[illegible]-74, 56-82 — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]												2.1	
[illegible]	1.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3
[illegible]	TRACE	.2	1.0	TRACE	.0	.0	.0	.0	.0	.0	.8	1.0	1.[illegible]
[illegible]	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
54	1.0	TRACE	5.0	TRACE	.0	.0	.0	.0	.0				
5[illegible]											TRACE	1.6	
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	.0	TRACE
58	TRACE	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	6.3
[illegible]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
[illegible]	4.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.3
[illegible]	1.[illegible]	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.3	1.8	1.8
[illegible]	1.4	2.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	2.2
64	2.1	.3	.3										
65			1.4	TRACE*	.0						*TRACE	TRACE	
66	.2	*TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	* .5
67	1.0	.0	*TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	1.0
68	3.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	3.2
69	TRACE	6.5	.1	TRACE	.0	.0	.0	.0	.0	.0	6.5	2.[illegible]	6.5
[illegible]	.0	3.5	1.6	TRACE	.0	.0	.0	.0	.0	.1	TRACE	1.8	3.5
71	.0	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.7	.1	.7
[illegible]	.4	.1	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
73	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	.5
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.1
75	.0	.0	1.5	1.0	.0	TRACE	.0	.0	.0	.0	.0	.0	1.5
76	8.[illegible]	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.2
77	1.0	.2	3.2	.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2
78	2.0	5.0	3.6	1.6	.0	.0	.0	.0	.0	.0	3.0	1.1	5.2
79	6.[illegible]	2.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.4	6.0
80	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	3.9	.4	3.9
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AS 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] WILDENHALL RAF UK 50-54, 56-83

STATION | STATION NAME | YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	.5	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
[illegible]	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
[illegible]	.4	1.3	TRACE	.6	.0	.0	.0	.0	.0	.0	.0		
MEAN	1.3	1.7	.67	.12	TRACE	TRACE	.00	.00	TRACE	TRACE	.52	.45	2.94
S.D.	1.935	1.888	1.277	.358	.000	.000	.000	.000	.000	.000	1.435	1.212	2.337
TOTAL OBS.	925	846	958	900	924	870	917	933	900	899	901	930	16,900

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] STATION — [illegible]ILDENHALL RAF UK STATION NAME — [illegible]-74, 56-83 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]							* .0	.0	.0	.0	.0	3.5	
[illegible]	1.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
[illegible]	TRACE	.2	1.7	TRACE	.0	.0	.0	.0	.0	.0	.8	1.0	3.7
[illegible]	[illegible]	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
54	1.8	TRACE	6.2	TRACE	.0	.0	.0	.0	.0				
5[illegible]											TRACE	1.0	
57	TRACE	TRACE	[illegible]	.0	.0	.0	.0	.0	TRACE	.0	.0	.0	TRACE
58	TRACE	14.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	14.5
[illegible]	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.4
[illegible]	5.[illegible]	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4
5[illegible]	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.9	6.9
[illegible]	[illegible]	1.2	.5	TRACE	.0	.0	.0	.0	.0	.0	.3	2.9	6.7
[illegible]	5.7	7.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	12.8
[illegible]	2.[illegible]	.3*	.3										
[illegible]			4.0	TRACE*	.0						*TRACE	TRACE	
56	.7	*TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	* .7
61	[illegible]	.0	*TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	* 3.4
63	5.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.4	9.1
69	TRACE	13.8	.1	TRACE	.0	.0	.0	.0	.0	.0	6.7	3.4	24.0
[illegible]	1.[illegible]	6.2	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.4	11.9
[illegible]	.[illegible]	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.0	.2	1.7
[illegible]	.4	.1	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .5
74	.[illegible]	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	.7
74	.[illegible]	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.1
75	.[illegible]	.3	4.2	2.3	.0	TRACE	.0	.0	.0	.0	.0	.0	7.0
76	10.2	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.9
77	2.[illegible]	.2	3.2	.8	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.8
78	3.4	3.3	3.6	1.9	.0	.0	.0	.0	.0	.0	3.0	1.5	21.7
79	10.7	4.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.4	17.8
3[illegible]	.[illegible]	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	6.8	.5	7.4
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AS 60 0-80-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

5771 — STATION
WILDENHALL RAF UK — STATION NAME
[illegible]-74, 76-83 — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	.2	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.4
[illegible]	.7	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	.7
[illegible]	[illegible]	2.3	TRACE	.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
MEAN	1.11	2.16	.96	.19	TRACE	TRACE	.00	.00	TRACE	TRACE	.64	1.35	7.85
S.D.	2.832	4.326	1.776	.553	.000	.000	.000	.000	.000	.000	1.761	2.070	6.713
TOTAL OBS.	925	846	958	9[illegible]3	924	8[illegible]	917	930	900	899	901	930	10900

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-884 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

C35771 — STATION
MILDENHALL RAF UK — STATION NAME
52-54, 56-83 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	86.6	6.1	4.7	.3	.9	1.2	.1							7.3	896			
FEB	87.4	6.6	2.8	1.2	.9	1.1								6.0	818			
MAR	98.4	1.2	.2			.1								.3	894			
APR	100.0														870			
MAY	100.0														893			
JUN	100.0														870			
JUL	100.0														930			
AUG	100.0														953			
SEP	100.0														919			
OCT	100.0														922			
NOV	98.0	.9	.2	.2	.2	.3								1.0	868			
DEC	93.2	3.0	2.4	.9	.3	.1								3.8	898			
ANNUAL	97.0	1.5	.9	.2	.2	.2	.0							1.5	10731			

1210 WS FORM JUL 64 6-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

[illegible] STATION — WILDENHALL RAF UK STATION NAME — [illegible] 56-83 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]											TRACE	TRACE	
53		1									0	0	1
54		TRACE	TRACE										
55								0*	0*	0*	0	1	
56		1									0	0	1
57	TRACE	6									0	TRACE	6
58		1											1
[illegible]		1											1
[illegible]		2									0	3	3
[illegible]		1									TRACE	2	5
[illegible]		3	TRACE								0	TRACE	3
[illegible]											0	0	0
[illegible]		1			*							0	
66		1										0	1
67		0									0	0	0
68		1						0			0*	2	* 2
69	TRACE	6									6	3	6
70	TRACE	3									0	1	3
71		3*									1*	0	* 1
72		2*									0	0	0
73		0									1	TRACE	1
74		2									0	TRACE	TRACE
75	TRACE	0	TRACE									0	TRACE
76		2									0	TRACE	7
77	TRACE	TRACE									0	0	1
78		3	4								3	1	4
79		5									0	0	5
80	TRACE	2									4	2	4
81	TRACE	3									0	4	4
82		1									0	0	1
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8[illegible] (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

[illegible] STATION — WILDENHALL RAF UK STATION NAME — 52-54, 56-83 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
MEAN	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	.6	2.5
S.D.	1.840	1.880	.796	.000	.000	.000	.000	.000	.000	.000	1.427	1.769	2.274
TOTAL OBS.	835	818	894	870	893	972	930	953	919	922	868	898	10731

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AR 60 0-69-5 (OEA)

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 gust [illegible]r each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or mo[illegible]sing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

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

C

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: ILDENHALL RAF LK YEARS: [illegible]

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]								S *22	SW 33	NW 34	E 23	SW *33	
[illegible]	[illegible]	[illegible]	28 SW	32 SW	34 W 23	SS [illegible]	[illegible] 33	S 24	WSW 27	W 40	SSE 39	W SW 36	W 41
[illegible]	[illegible]	[illegible] SW	33 W	34 SW	[illegible] N *23	W S 32	S 33	W 23	N *33	NW 25	SW 41	W 44	W 44
62	[illegible] S	[illegible] SW	45 N	32 SW	30 W SW 35	S 34	SW 31	W SW 42	SW 33	NNW 42	SW 40	W SW 56	W SW 55
[illegible]	[illegible] SW	[illegible]	47	35 SW	41 W 41	W SW 37	[illegible]	31 SS	35 S 38	W SW 39	N 36	W NW 53	W NW 53
63	[illegible]	47 SE	30 S	42 SSE	34 W 33	W SW 30	S 26	W 31	SW 31	SSW 23	W SW 46	S 37	E 47
64	[illegible]	[illegible]	28 SSE *39										
65		[illegible] W	31 ENE *[illegible]								NW *51	W 52	
66	[illegible]	3[illegible] SSW	36 W	34 NNE	39 S 33	W NW 33	W 32	W SW 43	W SW 38	S 33	W 55	W SW 49	W 55
67	[illegible]	[illegible]	56 SS	42 NW	38 S 41	SW 33	SW 23	W SW 25	W SW 40	W 49	W 40	W SW 34	W 56
68	NNW *44		35 N	52 W	36 SS *25	SW 34	34 * 45	34/ 1/	25/ 37	21/ 28	12/ 35	16/ 33	N 52
69	1[illegible]/ 46 [illegible]/	36	24/ 34	28/ 44	31/ 32	1/ 29	1[illegible]/ 30	1/ 31	24/ 39	29/ 32	25/ 45	8/ 34	14/ 46
70	12/ 35	24/ 49	27/ 36	23/ 38	29/ 37	16/ 36	23/ 39	23/ 41	22/ 37	28/ 42	25/ 42	6/ 34	24/ 49
71	24/ 33	2[illegible]/ 37	27/ 33	24/ 28	11/ 25	28/ 31	21/ 31	25/ 35	26/ 32	23/ 38	33/ 4[illegible]	21/ 49	21/ 49
72	71/ 52	15/ 34	23/ 39	28/ 36	25/ 41	27/ 29	5/ 36	21/ 32	19/ 30	16/ 28	27/ 43	21/ 36	31/ 52
73	1/ 3[illegible]	25/ 42	31/ 32	32/ 54	31/ 44	27/ 25	29/ 32	28/ 36	35/ 30	29/ 34	30/ 34	1/ 42	32/ 54
74	24/ 58	2[illegible]/ 44	27/ 36	35/ 28	3[illegible]/ 31	27/ 38	28/ 37	26/ 30	23/ 46	29/ 35	30/ 40	30/ 47	24/ 58
75	23/ 55	21/ 29	3/ 34	35/ 29	23/ 34	32/ 3[illegible]	22/ 3[illegible]	26/ 28	21/ 45	22/ 35	20/ 37	20/ 42	23/ 55
76	28/ 35	30/ 48	24/ 37	31/ 30	27/ 35	29/ 29	24/ 27	34/ 3[illegible]	31/ 4[illegible]	23/ 42	19/ 41	16/ 37	28/ 65
77	22/ 3[illegible]	23/ 38	24/ 38	27/ 50	6/ 35	30/ 33	27/ 29	21/ 31	24/ 33	19/ 36	25/ 53	24/ 63	24/ 63
78	1/ 5[illegible]	[illegible]/ 32	22/ 45	35/ 33	1/ 32	25/ 28	21/ 26	24/ 25	26/ 39	27/ 36	23/ 41	22/ 38	1/ 5[illegible]
79	23/ 43	6/ 32	22/ 4[illegible]	23/ 42	21/ 41	30/ 30	27/ 28	23/ 35	24/ 26	14/ 26	23/ 38	18/ 4[illegible]	33/ 43
80	1[illegible]/ 44	22/ 36	9/ 32	34/ 34	6/ 27	21/ 32	1/ 30	25/ 31	26/ 33	23/ 42	8/ 39	29/ 36	15/ 44
81	26/ 43	24/ 44	32/ 43	4/ 35	22/ 32	22/ 31	24/ 29	5/ 26	25/ 43	24/ 43	28/ 43	13/ 39	24/ 44
82	9/ 39	20/ 32	26/ 49	24/ 47	30/ 47	24/ 29	24/ 31	23/ 35	34/ 41	33/ 37	23/ 35	23/ 44	26/ 49
83	26/ 49	27/ 48	28/ 44	36/ 35	12/ 30	17/ 27	31/ 30	29/ 21	22/ 37	19/ 39	28/ 39		
MEAN	43.3	37.5	38.9	36.4	34.6	31.0	29.9	31.1	36.[illegible]	35.6	4[illegible].4	41.8	51.5
S D	9.717	8.137	6.678	6.748	5.343	3.831	3.707	5.911	5.381	6.255	5.664	8.57[illegible]	5.476
TOTAL OBS.	738	703	761	698	676	687	705	726	712	740	727	741	8608

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

USAF ETAC FORM JUL 64 0-88-5 (OLA)

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: ILDENHALL RAF K YEARS: 4-83 MONTH: JA

CLASS: ALL WEATHER HOURS (L.S.T.): 000-1200

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0		.7	.1	.1	.1	.1				1.9	1.[illegible]
NNE	.1	.6	.1	.1								1.2	3.5
NE	.1	.3	.3	.1								.9	7.[illegible]
ENE	.1	.3	1.0	.1	.1							1.[illegible]	8.[illegible]
E	.1	.6	.3	.9	.1							2.3	5.[illegible]
ESE	.1	1.4	.4	.8								2.[illegible]	7.6
SE	.1	1.0	.1	.6	.1							3.2	7.[illegible]
SSE	.1	1.3	1.3	1.7	1.1							6.5	9.6
S	.1	2.3	3.8	4.4	.8	.1						12.7	9.5
SSW	.1	2.0	2.6	2.7	.9							10.[illegible]	8.4
SW	.1	.1	3.4	5.9	.6	.1	.1	.1				15.7	1[illegible].5
WSW	.1	2.2	2.1	3.7	.6	.1						10.4	9.9
W	.1	2.3	2.8	3.4	.9		.1	.1				11.0	9.9
WNW	.1	1.1	1.0	1.1	.7		.1					3.9	9.[illegible]
NW	.1	.1	1.4	.9	.1	.1						3.9	9.9
NNW	.1	.1	1.0	1.0								2.[illegible]	9.7
VARBL			.1	.3								.4	11.9
CALM												1.	
	.1	23.9	23.[illegible]	27.7	5.9	1.9	.4	.3				100.0	[illegible].6

TOTAL NUMBER OF OBSERVATIONS 950

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

AL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.1	.1		.1	.2					1.6	9.5
NNE	.1	.6	.1									1.[illegible]	4.[illegible]
NE	.2	.9	.1									1.3	5.[illegible]
ENE	.1	.9	.6	.1								1.5	6.6
E	.1	.9	.6	.6	.1							2.5	8.[illegible]
ESE	.9	1.1	.3	.8								2.8	7.[illegible]
SE	.4	1.6	.6	.6	.1							3.4	7.5
SSE	.9	1.5	1.9	1.3	1.2	.3						6.8	10.[illegible]
S	1.2	3.0	2.4	3.0	.8	.3						1[illegible].6	9.5
SSW	.8	2.9	2.7	4.5	.9	.4						12.0	10.4
SW	1.1	3.2	5.5	4.3	.3	1.						15.2	9.8
WSW	1.2	2.5	2.6	3.7	.5	.3						1[illegible].8	9.7
W	.9	1.8	2.7	4.7	.6	.1						10.[illegible]	1[illegible].3
WNW	.1	1.	1.3	1.1			.2					3.9	9.8
NW	.2	.9	.9	.6								2.6	8.3
NNW	1.1	1.2	1.5	.8	.1							4.5	7.1
VARBL			.1	.4	.1	.2						.9	16.3
CALM												6.4	
	17.0	23.9	28.2	25.9	8.5	2.1	.4					100.[illegible]	8.6

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] MILDENHALL RAF UK
STATION NAME
YEARS: 74-83
MONTH: JAN

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

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.3	.1	.3							1.3	7.9
NNE	.5	.3										.9	3.3
NE	.4	.3	.1									1.0	4.4
ENE	.7	.4	.8	.6								2.2	8.0
E	.3	.4	.3	1.0								1.8	9.8
ESE	.7	.6	.6	.5								2.3	7.2
SE	.7	1.3	.6	1.1	.2	.1						4.5	8.1
SSE	1.1	2.4	1.8	.5	.3	.1	.1					6.9	8.5
S	1.7	2.8	2.4	2.9	1.1							10.9	9.7
SSW	.3	2.6	3.1	3.5	1.4	.3						11.6	10.9
SW	1.7	2.5	4.7	4.0	.5	.8						14.7	10.7
WSW	1.1	1.5	3.3	5.7	.4	.3	.1					12.5	10.8
W	1.7	1.5	2.8	3.1	.4	.3	.1					9.5	10.1
WNW	.7	1.1	.6	1.0	.9							4.7	10.4
NW	.4	1.1	.2	.4	.3							2.5	7.5
NNW	.7	1.5	1.2	.9	.3							4.3	7.9
VARBL				.9	.2	.3						1.3	15.5
CALM												7.8	
	11.1	22.6	23.7	26.2	6.9	2.7	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	WILDENHALL RAF UK	74-83	JAN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.2	.3	.1							2.3	6.2
NNE	.4	.4	.2	.1								1.4	4.9
NE	.1	.4	.3									.9	5.5
ENE		.1	1.1	.4								1.5	9.2
E	.1		.5	1.2	.1							2.1	11.3
ESE	.1	1.1	.8	.2								2.4	6.4
SE	.1	1.6	.9	.8	.5							4.3	8.3
SSE	.1	2.0	1.5	2.0	.6	.1						7.4	8.9
S	1.8	3.1	3.1	3.4	1.2	.5						13.1	9.5
SSW	.1	2.2	2.3	3.3	1.1	.3						9.4	10.8
SW	1.0	1.6	4.5	4.6	1.5	.6						13.9	11.2
WSW	.4	1.9	3.8	5.9	2.2	.2	.2					14.5	11.9
W	.3	1.7	2.7	3.2	.9	.3	.2					9.7	10.9
WNW	.1	.4	.9	1.4	.4	.3						3.9	11.7
NW	.1	1.1	1.5	.3	.1	.1						3.3	7.9
NNW	.1	1.3	1.1	.5	.2							3.7	8.0
VARBL		.1	.3	.8	.1							1.4	11.0
CALM												5.3	
	2.1	19.9	25.3	28.6	8.9	2.5	.4					100.3	9.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (MAC)

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILOSNHALL [illegible]	74-83	JAN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.4	.3	.2							2.4	7.2
NNE	.1	.1	.3	.3		.1						1.4	6.6
NE	.1	1.1	.3									1.4	5.6
ENE		.2	.8	.5								1.5	9.7
E	.1		.5	1.0	.2							2.3	11.5
ESE	.4	.6	.6	.6	.3	.1						2.8	12.0
SE	.4	.9	.3	1.1	.4	.2						3.2	10.7
SSE	.5	1.1	1.2	1.8	.8	.3						6.5	10.9
S	.4	2.3	3.9	3.9	1.2	.3						11.9	11.7
SSW	.3	1.5	2.9	2.5	1.3							8.5	10.4
SW	.2	1.8	2.2	5.2	1.8	.2		.1				12.5	12.7
WSW	.4	.6	3.1	4.5	2.9	.5	.1	.1				12.3	13.2
W	.6	1.7	4.3	4.7	1.9	.4	.3					14.1	11.8
WNW	.3	1.1	1.4	2.0	.6	1.1	.2					6.5	13.8
NW	.3	1.1	2.2	.9	.1	.1						4.5	9.3
NNW	.1	1.6	1.1	1.3	.4							4.4	9.3
VARBL			.6	.4		.1						1.2	11.6
CALM												3.1	
	5.	16.6	26.7	31.1	11.8	4.1	.6	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 5771 — STATION NAME: MILDENHALL RAF UK — YEARS: 74-83 — MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2	.8	.6	.1			.1				3.1	6.1
NNE	.3	.5	.3	.2								1.4	6.6
NE	.4	.3	.2									1.2	4.6
ENE	.3	.2	.8	.4								1.6	8.3
E	.4	.3	.5	1.2								2.5	9.2
ESE	.3	.5	1.2	.6	.3	.1						2.9	9.6
SE	1.1	1.2	1.3	.5	.1	.2	.1					4.5	8.2
SSE	.8	2.3	2.0	1.7	.2	.3	.1					7.4	9.2
S	.3	1.5	3.5	3.7	.5	.5						10.5	12.3
SSW	1.4	.9	3.1	1.9	.9	.3						8.4	9.8
SW	.1	2.3	3.9	5.7	.8	.6						12.7	11.3
WSW	.5	2.6	4.6	3.0	1.2	.3						12.3	10.2
W	1.3	1.5	3.3	3.2	1.5	.5						12.2	10.5
WNW	.3	1.4	.6	1.4	1.3	.3						5.3	10.8
NW	1.1	1.1	1.0	1.2	.1							4.3	7.9
NNW	.4	1.5	1.6	1.1		.1						4.9	7.8
VARBL			.4	.1	.2	.1						.3	13.9
CALM												4.2	
	11.1	19.8	28.9	26.7	6.8	3.3	.3	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

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

CAL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5071	MILDENHALL RAF UK	74-83	JAN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	.5	.9	.1	.2	.2					2.5	11.2
NNE	.1	.6	.1	.1	.1							1.5	5.3
NE	.3	.6	.1	.1								1.2	5.7
ENE	.1	.1	1.2	.8								2.2	9.4
E	.4	.4	.6	.5	.1							2.2	8.1
ESE	.4	.6	.9	.5	.1							2.6	8.3
SE	.3	1.9	1.2	.8	.4	.1						5.2	8.1
SSE	1.4	1.8	2.0	1.6	.5							7.6	8.1
S	1.8	2.1	3.2	3.7	.8							11.1	9.6
SSW	.3	1.8	2.8	2.7	.8	.3		.1				8.8	10.0
SW	.9	2.8	4.5	4.7	1.2	.3		.1				14.3	10.4
WSW	.6	2.3	3.8	4.3	.8	.5	.1		.1			12.5	10.8
W	1.1	2.2	2.5	3.5	1.2	.2	.1					10.6	10.6
WNW	1.1	1.0	1.0	1.2	.4	.1						4.7	8.8
NW	.1	1.3	1.5	1.0	.2							4.3	9.1
NNW	.6	.3	.6	.4								2.0	6.9
VARBL			.1	.1								.2	11.0
CALM												7.3	
	11.8	23.2	26.7	25.9	6.7	1.7	.4	.2	.1			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
JAN — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.9	.5	.1	.2	.1					3.3	9.1
NNE	.3	.1	.2	.1								.8	5.6
NE	.5	.1	.1									.8	3.6
ENE	.7	.1	1.2	.5								1.9	9.2
E	.7	.6	.2	.6	.1							1.9	8.3
ESE	.1	.6	1.1	.6								2.5	8.6
SE	1.0	2.4	.8	.8	.3	.1						5.3	7.3
SSE	.4	1.7	1.3	1.7	.5	.1						5.8	9.7
S	1.4	2.7	3.4	3.4	.8							11.7	9.5
SSW	.9	2.4	3.7	2.0	.8	.1	.2					10.0	9.7
SW	1.6	3.1	5.1	4.7	1.0	.6		.1				16.2	10.1
WSW	1.0	1.8	2.7	4.0	.6	.4						11.1	9.9
W	.6	2.5	3.0	3.1	.5	.3		.1		.1		10.3	10.6
WNW	.2	.9	1.4	1.3	.1	.1	.1					4.0	10.1
NW	.5	1.0	1.7	1.2	.2							4.7	8.3
NNW		.1	.3	.6								1.1	11.3
VARBL			.2	.3	.1							.6	12.8
CALM												9.1	
	10.3	20.9	27.2	25.7	5.2	2.0	.4	.2		.1		100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — STATION
MILDENHALL RAF UK — STATION NAME
74-82 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	.4	.3	.1	.1	.1	.1				2.4	8.7
NNE	.2	.4	.2	.1	.0	.0						1.3	5.3
NE	.1	.6	.2	.0								1.1	5.1
ENE	.1	.3	.9	.4	.0							1.7	8.6
E	.1	.4	.5	.9	.1							2.2	9.2
ESE	.3	.8	.7	.6	.1	.0						2.6	8.1
SE	.1	1.5	.8	.8	.3	.1	.1					4.2	8.1
SSE	.9	1.8	1.7	1.6	.7	.1	.1					6.9	9.4
S	.2	2.5	3.2	3.5	.3	.2						11.6	9.7
SSW	.2	2.1	2.9	2.8	1.1	.2	.1	.1				9.9	10.0
SW	.3	2.7	4.1	4.9	.9	.7	.1	.1				14.3	10.7
WSW	.2	1.9	3.3	4.3	1.1	.4	.1	.0	.0			12.1	10.9
W	.9	2.1	3.1	3.5	1.0	.3	.1	.1		.0		10.9	10.6
WNW	.4	1.0	1.0	1.3	.4	.2	.1					4.5	10.8
NW	.4	1.1	1.3	.8	.1	.1						3.7	8.5
NNW	.1	1.1	1.0	.8	.1	.1						3.5	8.1
VARBL		.1	.2	.4	.1	.1						.9	13.3
CALM												6.5	
	9.8	22.8	25.6	27.2	7.1	2.5	.4	.1	.0	.0		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7440

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	.9	.4								3.7	5.8
NNE	.1	2.2	1.1	.5								4.8	5.8
NE	1.1	2.1	1.1	.2	.2							4.7	6.1
ENE	.6	1.9	2.4	.6								5.4	7.2
E	.6	3.7	2.5	1.9								8.6	7.6
ESE	1.4	3.1	2.2	.7								7.4	6.7
SE	.1	2.6	2.1	1.2	.4							7.3	7.3
SSE	.1	1.1	2.0	.9	.2							5.3	7.8
S	1.3	1.9	3.0	2.4	.7							9.2	9.7
SSW	.4	1.3	1.3	1.9	.6							5.9	9.8
SW	1.4	1.5	3.0	2.6	.6	.4						9.5	9.3
WSW	.4	1.2	3.0	1.2	.2	.4						6.3	9.8
W	.3	1.1	1.1	1.7								4.4	8.4
WNW	.2	.7	.4	.2			.2					1.7	8.4
NW	.4	.4	.9	.6								2.2	7.7
NNW	.4	.6	.6	.6								2.1	7.7
VARBL			.1	.2								.4	11.3
CALM												11.1	
	13.2	26.7	27.5	17.7	3.0	.7	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	FEB

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.9	.2								3.1	5.6
NNE	.9	2.0	.6	.8								4.4	6.4
NE	1.1	3.1	1.8	.5	.2							6.6	6.5
ENE	1.1	1.2	2.5	.2								5.0	6.7
E	1.4	2.5	3.3	1.5								8.7	7.3
ESE	1.9	2.1	2.4	1.2								7.6	6.5
SE	.5	2.1	2.4	1.4	.1							6.9	7.6
SSE		.7	1.8	.8	.2							3.5	9.4
S	1.2	2.1	3.2	1.9	.9	.2						9.5	9.3
SSW	1.7	1.3	1.3	2.1	.5							6.9	8.6
SW	1.1	1.7	3.2	1.7	.1	.1	.1					7.9	8.8
WSW	.7	.9	3.5	2.0	.4	.2						7.8	9.8
W	.4	1.2	1.1	.9								3.5	7.6
WNW	.4	.2	1.1	.9								2.4	9.5
NW	.1	1.1	.7	1.1								3.1	8.4
NNW	.5	.4	.1	.1								1.1	4.9
VARBL				.2								.2	12.0
CALM												12.1	
	13.6	23.6	29.8	17.7	2.5	.6	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.7	.2		.1						3.4	6.1
NNE	.4	2.1	.5	.4								3.3	5.6
NE	.7	2.2	1.5	.5	.1	.1						5.3	7.1
ENE	.1	1.4	3.2	.6								5.7	7.6
E	.9	2.6	2.7	2.2	.1							8.6	8.2
ESE	1.1	2.4	2.5	.8								6.7	6.6
SE	1.1	2.2	2.4	.8								6.5	6.8
SSE	.7	1.7	2.6	1.3	.1							6.4	8.1
S	1.2	2.1	2.5	2.6	1.1	.4						9.8	1[illegible]
SSW	.7	.9	1.7	2.8	.6							6.7	10.3
SW	.7	1.9	3.5	1.1	.2							7.4	7.8
WSW	.4	1.4	2.6	.8	.1	.1						5.6	8.9
W	.5	.3	2.4	1.2								5.[illegible]	8.2
WNW	.2	.1	.9	.6								2.3	7.6
NW	.5	.4	.6	.4								1.3	7.1
NNW	.3	.5	.2	.9		.1						2.2	9.3
VARBL			.3	.2	.1							.6	11.8
CALM												12.2	
	1[illegible].3	25.5	3[illegible].7	17.5	2.6	.3						100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 846

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

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

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) [illegible]00-11[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.4	.7	.1	.1	.1					3.2	9.1
NNE	.3	1.4	1.2	.7	.1							4.3	6.9
NE	.2	1.1	1.4	.7	.3							3.8	7.6
ENE	.1	2.1	2.6	.9								6.1	7.5
E	.2	2.7	3.5	2.8	.4							[illegible]	[illegible]
ESE	.1	1.4	1.7	2.2								5.6	9.2
SE	.2	2.5	2.4	1.3								7.2	7.2
SSE	.1	1.5	2.2	2.8	.2		.1					7.4	9.8
S	.1	1.9	2.1	3.5	.8	.1						9.8	1[illegible].2
SSW	.1	.8	1.9	2.2	1.2	.6						7.2	12.2
SW	.1	.5	2.2	1.4	.6							5.8	9.6
WSW	.3	1.7	2.2	2.7	.2	.2						8.9	9.6
W	.2	.7	1.5	.9	.2							4.4	8.2
WNW	.2	.7	.6	.4	.1							2.2	8.1
NW	.2	.7	1.8	.7	.1							3.5	8.6
NNW	.1	.4	1.1	.1	.1							2.2	7.3
VARBL			.2	.7	.2							1.2	13.5
CALM												7.6	
	9.1	22.1	31.6	24.6	4.7	1.1	.2					100.3	8.4

TOTAL NUMBER OF OBSERVATIONS 846

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
ILDENHALL RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.8	.4	.6	.1						2.8	10.1
NNE	.2	.9	1.2	.9	.2							3.5	9.[illegible]
NE	.2	.3	2.4	.7	.4							4.5	9.2
ENE	.1	.2	2.2	1.7								5.2	9.3
E	.2	1.5	5.7	3.1	.6	.1						11.5	9.7
ESE	.4	1.3	.9	1.9	.1							4.6	9.5
SE	.4	2.1	1.9	3.[illegible]								7.3	9.2
SSE	.2	1.1	1.7	3.1	.5							6.5	1[illegible].7
S	.5	.9	2.4	4.4	.8							1[illegible].2	1[illegible].9
SSW	.2	.6	1.7	3.3	1.1	.4						7.9	12.3
SW	.4	1.1	2.1	1.8	.9							6.3	1[illegible].2
WSW	.1	1.3	2.0	1.7	.1		.2					5.4	9.9
W	1.1	.6	1.9	2.[illegible]	.9		.2					6.7	11.2
WNW	.1	.7	1.4	.5	.5							3.2	9.6
NW	.5	.4	1.5	.9	.2							3.7	9.[illegible]
NNW	.1	.6	1.7	.9	.2							3.7	9.[illegible]
VARBL			1.8	.9	.3	.3						3.1	11.6
CALM												4.1	
	6.3	15.5	34.3	31.1	7.6	.8	.4					100.2	9.8

TOTAL NUMBER OF OBSERVATIONS 896

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

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

SURFACE WINDS

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

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	7 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.7	.6	.2	.1						3.5	8.3
NNE	.4	.9	1.3	.5								3.3	6.9
NE	.3	1.3	1.9	1.1	.1	.1						4.5	9.3
ENE	.7	1.4	3.7	1.9								7.7	8.1
E	.4	2.5	5.3	3.3	.5							12.2	9.0
ESE	.7	1.0	1.4	1.3	.1							5.1	8.3
SE	.4	.3	2.1	2.8	.3							6.5	10.1
SSE	.5	.3	2.1	2.8	.1							6.5	10.1
S	.4	1.9	3.1	2.8	.4	.3						9.3	9.7
SSW	.3	1.5	1.8	2.4	.7	.2						7.3	10.1
SW	1.[illegible]	1.7	2.4	3.1	.5	.3						9.1	9.2
WSW	.4	.5	.9	.6	.4							2.7	9.5
W	.4	1.4	2.5	1.7	1.1	.4						7.3	10.9
WNW	.3	.6	.9	.2	.2							2.2	8.8
NW	.4	.7	1.3	.7								2.8	8.2
NNW	.3	.6	2.1	.7								3.8	8.1
VARBL		.1	.6	.5	.1							1.3	10.6
CALM												5.1	
	3.9	19.3	34.7	27.0	4.6	1.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 646

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): 18/12-2301

CONDITION:

SPEED (KNTS) DIR	1 - 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	.8	.5	.1							4.3	6.3
NNE	.5	1.3	1.1	.8								3.7	7.1
NE	.1	2.5	1.4	.7								4.8	6.8
ENE	.5	4.1	2.7	.9	.1							8.3	7.2
E	1.8	3.8	4.7	1.5								11.8	7.1
ESE	1.4	3.2	1.4									6.1	5.7
SE	.9	1.7	3.5	2.1	.4							8.6	8.8
SSE	1.1	1.2	2.0	2.1	.4							6.7	9.2
S	1.4	1.5	2.6	2.8	.2	.1						8.7	9.1
SSW	1.1	.9	1.7	2.8	.8	.4						7.6	11.0
SW	.7	1.2	1.2	1.7	.6							5.3	9.3
WSW	.1	.9	2.0	2.6	.1							5.3	10.5
W	.2	1.9	1.2	.8	.4							4.5	8.4
WNW	.3	.6	.8	.6								2.2	7.7
NW	.1	.8	.5		.1							1.5	6.8
NNW	.5	.4	.7	.7								2.2	7.8
VARBL			.1	.1								.3	11.0
CALM												8.1	
	11.9	27.1	28.5	20.9	3.2	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 886

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	74-83	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): 21 0-23[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.6	.7								2.8	7.1
NNE	1.4	2.6	1.3	.6								5.9	5.8
NE	.6	2.2	1.[illegible]	.4								4.4	6.2
ENE	.2	1.1	1.4	.9	.1							6.4	6.8
E	1.[illegible]	2.2	4.0	1.7	.2							9.7	7.6
ESE	1.7	3.4	1.[illegible]	.1								6.7	5.2
SE	1.2	2.7	2.7	1.9	.5							9.[illegible]	8.0
SSE	.[illegible]	1.2	1.2	1.5	.1	.1						4.6	9.4
S	1.[illegible]	1.5	3.5	3.7	.2							10.5	9.[illegible]
SSW	.7	.5	.8	2.4	1.1	.1						5.6	11.8
SW	.2	1.[illegible]	3.3	2.[illegible]	.6							8.[illegible]	9.4
WSW	.[illegible]	.4	1.7	1.5	.4							4.1	10.2
W	.[illegible]	1.4	2.[illegible]	1.4	.1							5.6	8.4
WNW	.[illegible]	.5	.8	.6								2.1	8.1
NW	.[illegible]	1.1	.6	.4								2.5	6.6
NNW	.4	.5	.5	.5								1.8	7.8
VARBL			.2	.4								.6	11.6
CALM												9.7	
	12.[illegible]	26.1	27.4	20.6	3.3	.2						100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.7	.5	.1	.1	.0					3.4	7.2
NNE	.3	1.7	1.0	.7	.0							4.2	6.6
NE	.5	2.1	1.6	.5	.2	.0						4.8	7.3
ENE	.6	2.1	2.6	1.0	.0							6.2	7.5
E	1.0	2.7	4.0	2.3	.2	.1						10.2	8.2
ESE	1.1	2.3	1.8	1.0	.0							6.2	6.8
SE	.9	2.1	2.4	1.8	.2							7.4	8.1
SSE	.6	1.2	2.0	1.9	.2	.1	.0					5.9	9.3
S	1.1	1.7	3.0	3.0	.7	.1						9.6	9.7
SSW	.9	1.1	1.5	2.5	.8	.2						6.9	10.8
SW	.7	1.4	2.6	1.9	.5	.1	.1					7.4	9.2
WSW	.4	1.2	2.4	1.6	.2	.1	.0					5.8	9.7
W	.6	1.2	1.7	1.3	.3	.1	.0					5.2	9.2
WNW	.2	.6	.9	.5	.1		.0					2.3	8.5
NW	.3	.7	1.0	.6	.1							2.6	8.0
NNW	.4	.5	.9	.6	.0	.1						2.4	8.3
VARBL		.1	.4	.4	.1	.1						.9	11.7
CALM												6.7	
	10.9	23.3	30.4	22.1	3.9	.8	.1					100.7	7.8

TOTAL NUMBER OF OBSERVATIONS 6768

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

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: ILDENHALL RAF UK YEARS: 74-83 MONTH: MAR

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	1.1	2.2	2.5	.8								6.5	6.7
NNE	1.0	.9	1.0	.5	.2							3.5	7.3
NE	.3	1.7	1.7	.6								3.9	7.7
ENE		.5	1.0	.4	.2							2.2	10.3
E	.1	1.4	1.4	.3	.1							3.3	7.7
ESE	1.3	.9	1.0	.4								3.4	5.9
SE	.5	1.9	1.6	1.2								5.2	7.1
SSE	1.1	2.4	2.2	.5	.1							6.2	6.6
S	.5	1.7	3.2	2.3	.1	.2	.1					8.2	9.7
SSW	1.6	1.7	3.9	3.2	1.1	.8	.1					12.4	10.6
SW	1.0	1.5	3.4	3.3	1.2	.4						10.9	10.5
WSW	.3	1.5	3.0	4.1	1.2	.3						10.9	10.6
W	.3	1.1	2.2	1.6	.5	.1	.2					6.3	10.2
WNW	.3	.5	.8	.4	.1							2.2	8.3
NW	.3	1.2	1.5	.1	.3	.2						3.7	8.1
NNW	.5	1.1	.8	.5								2.9	6.3
VARBL													
CALM												5.5	
	11.9	21.4	31.0	20.2	5.2	1.9	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5171 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1300-1500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.0	.6								6.1	6.3
NNE	.2	1.1	1.4	.8	.1							4.1	7.5
NE	.3	.4	1.5	.8								2.7	7.9
ENE	.4	1.1	.6	.9								2.9	8.2
E	1.1	1.2	1.9	.2								4.4	6.3
ESE	.2	1.8	1.2	.4								4.3	6.5
SE	.8	1.5	1.5	.4								4.2	6.5
SSE	.5	1.6	1.8	.6								4.7	7.1
S	1.0	2.0	3.7	2.7	.5	.1						10.0	9.1
SSW	1.1	2.3	3.5	2.8	.5	.1						11.2	8.9
SW	1.2	2.4	3.8	3.6	1.1	.1						12.3	10.5
WSW	.4	1.3	1.7	4.1	1.2	.6						9.9	11.9
W	1.1	.3	2.2	1.5	.1							5.6	8.2
WNW	.2	.3	.8	.9								2.6	8.6
NW	.1	1.5	1.5	.4	.3							4.3	7.9
NNW	.1	.6	1.5	.4								3.1	7.3
VARBL				.1								.1	15.1
CALM												7.5	
	12.1	22.9	30.9	20.9	3.9	1.3						100.1	7.9

TOTAL NUMBER OF OBSERVATIONS 929

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

L AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5271	MILDENHALL RAF UK	74-83	MAR

CLASS: ALL WEATHER

HOURS (L.S.T.): 0700-0800

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	.4	1.6	2.2	.9								5.1	7.3
NNE	.5	1.1	1.2	.6	.1							3.7	7.1
NE	.7	.5	1.6	1.0	.1							3.5	9.4
ENE	.7	.8	.6	1.5								3.1	9.7
E	.3	1.1	1.8	.4								4.1	6.9
ESE	.5	1.6	1.5	.4								4.1	6.6
SE	1.4	1.4	1.9	.8								5.4	6.6
SSE	.7	2.2	2.2	1.3	.1							6.5	8.0
S	.4	2.5	4.6	2.7	.2	.2						10.9	9.0
SSW	.9	2.3	2.3	3.2	.6	.1						8.8	10.2
SW	.1	1.1	3.1	4.7	1.6	.5						12.0	11.7
WSW	.7	1.4	3.4	3.7	1.4	.1						10.3	11.1
W	.1	1.4	1.6	.8	.2							4.1	8.3
WNW	.7	1.0	1.2	.6	.1							3.2	8.2
NW	1.0	1.1	1.4	1.4	.2							5.1	8.0
NNW	.4	.5	1.5	.6	.1							3.5	8.1
VARBL			.1	.3	.2							.6	14.7
CALM												6.5	
	8.6	21.8	32.2	24.9	5.1	1.7						100.3	8.5

TOTAL NUMBER OF OBSERVATIONS 955

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.9	1.5								6.1	8.4
NNE	.2	.5	1.2	1.2	.1							3.0	9.4
NE		.5	1.0	1.5	.1							3.1	10.4
ENE	.1	.9	1.1	1.2	.1							3.3	9.2
E	.1	.2	2.1	2.3	.4							5.3	11.3
ESE	.2	.3	1.2	1.1								2.8	9.4
SE	.2	.3	1.5	1.7								4.2	9.7
SSE	.1	.2	1.7	2.8	.1							6.3	9.9
S	1.3	1.9	2.1	4.9	1.4							11.3	10.8
SSW	.1	1.1	2.0	3.5	1.0	.4						8.5	12.2
SW	.4	1.1	2.3	2.6	1.5	1.0						8.7	12.7
WSW	.1	.4	1.8	3.9	2.6	1.1	.2					10.2	14.8
W	.4	1.5	1.1	3.1	1.7	.8		.1				8.7	13.3
WNW		.5	1.1	1.3	.8	.2						3.8	13.1
NW	.1	1.2	1.4	1.2	.2	.1						4.3	9.7
NNW	.1	1.1	2.3	1.5	.2	.1						5.3	9.9
VARBL			.8	1.6	.8							3.1	14.1
CALM												2.3	
	4.6	14.1	27.2	36.7	11.0	3.9	.2	.1				100.3	11.1

TOTAL NUMBER OF OBSERVATIONS 939

785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]71	WILDENHALL RAF UK	74-83	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	2.6	1.4		.1						5.3	9.4
NNE	.4	.5	1.5	1.7	.1							4.3	9.9
NE		.1	1.1	1.0	.1							3.4	11.4
ENE		.1	1.5	1.7								3.5	10.8
E	.2	.8	2.2	1.8	.3							5.4	10.0
ESE	.1	.1	1.3	1.1								2.7	9.7
SE		.1	1.1	1.0	.1							2.5	10.7
SSE	.3	.0	1.1	3.5	.3							6.3	11.2
S	.2	.4	2.6	4.3	1.6							9.6	12.0
SSW	.1	1.7	1.9	3.8	1.6	.9						9.1	13.6
SW	.4	.9	1.3	3.1	2.1	.9						8.5	14.7
WSW	.3	.7	1.1	2.8	3.1	1.7						9.0	14.7
W	.1	.9	1.4	3.1	2.2	1.7	.2	.1				9.7	15.6
WNW	.1	.9	1.3	1.3	1.0	.4						4.8	12.5
NW	.1	.4	2.4	1.2	.2	.2						4.8	10.0
NNW	.1	.7	3.1	1.4	.1	.1						5.7	9.4
VARBL	.1	.1	1.4	1.6	.5	.1						3.9	11.9
CALM												1.5	
	3.3	10.6	28.6	37.0	13.2	5.4	.2	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 (STATION) WILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	4.8	2.3	.4							9.8	9.2
NNE	.2	.5	1.2	1.7	.3							4.0	10.2
NE	.1	.2	1.6	2.8								4.7	10.8
ENE	.2	.4	1.5	1.6	.4							4.2	1[illegible].2
E	.2	.8	2.6	1.6								5.2	9.1
ESE	.2	.3	2.3	.2								3.2	8.1
SE	.2	.1	.9	1.5	.2							2.8	11.7
SSE		.3	2.7	2.3	.3							4.9	11.1
S	.5	2.1	2.2	3.1	1.5							9.4	10.8
SSW	.2	1.0	1.8	3.0	1.7	.4						7.7	12.9
SW	.4	.6	2.4	3.4	1.9	.2						8.9	12.4
WSW	.2	.6	1.6	3.1	2.2	.9						8.6	14.0
W	.2	.6	1.8	3.2	3.2	.9	.1					10.8	13.8
WNW	.1	.9	1.7	1.1	.8	.1						3.9	11.6
NW	.4	.7	1.3	.4	.3	.1						3.4	8.8
NNW	.6	1.4	1.7	.8	.1							4.6	7.5
VARBL			1.7	1.1	.5	.1						3.4	12.7
CALM												.0	
	5.4	12.4	31.8	33.2	13.9	2.6	.1					1[illegible].0	11.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS. / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	4.0	.9	.2							8.7	7.2
NNE	.3	.3	2.	1.7	.4							4.8	9.2
NE	.2	1.2	1.9	.9								4.3	8.2
ENE	.2	1.9	1.9	.8								4.7	7.3
E	.9	1.7	2.5	.1	.3							5.4	7.1
ESE	.5	1.1	1.6	.3								3.4	7.2
SE	.9	1.3	1.9	1.0	.2							5.2	8.1
SSE	.4	1.5	1.8	1.1	.1							4.9	8.1
S	.9	2.2	2.8	3.3	1.1	.2						11.5	9.4
SSW	.5	1.1	1.6	2.8	1.5	.3						7.8	12.7
SW	.9	1.8	3.2	3.8	.8							10.4	9.9
WSW	.8	.6	1.9	3.1	.5	.1						7.1	11.3
W	1.2	1.4	2.0	2.3	.8	.3						8.1	9.9
WNW	.7	.4	.8	1.1	.1							2.6	10.1
NW	.4	1.1	.2	.5	.1							2.4	6.9
NNW	.3	.7	.6	.3	.1							2.3	7.2
VARBL			.1	.3	.2							.6	14.7
CALM												6.1	
	10.1	21.9	31.1	23.4	6.5	1.7						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 937

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.7	2.9	.4								6.2	6.7
NNE	.4	1.1	1.2	.6	.2							3.5	8.4
NE	.9	.3	2.2	.2								3.3	7.4
ENE	.4	1.3	1.7	1.2								4.3	7.7
E	.4	.6	2.1	.1	.1							3.3	7.1
ESE	.1	.6	1.7	.4								3.3	7.2
SE	.5	1.7	1.5	1.5								5.3	8.1
SSE	1.9	2.1	1.2	1.2								5.6	6.3
S	.4	2.5	3.1	2.4	.3	.1						9.1	9.4
SSW	.6	1.1	2.7	3.7	1.3	.4						9.8	11.7
SW	.2	2.5	3.5	4.1	1.3	.3						11.8	1[illegible].6
WSW	.6	1.1	2.3	3.8	1.7	.4						8.9	11.7
W	1.2	2.3	2.0	1.8	.6							7.7	8.6
WNW	.1	.6	.3	.2								1.5	5.9
NW	.9	1.1	.9	.5	.1	.1						3.3	7.9
NNW	.6	1.1	.6	.1								2.7	5.3
VARBL			.1									.1	6.1
CALM												9.8	
	10.3	21.1	29.2	22.0	5.4	1.1						100.1	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15271	MILDENHALL RAF UK	74-83	MAR

CLASS: ALL WEATHER

HOURS (L.S.T.): 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	.9	1.8	3.0	1.1	.1	.1						6.7	7.7
NNE	.9	.9	1.3	1.1	.2							3.9	8.7
NE	.2	.6	1.6	1.2	.1							3.6	9.1
ENE	.1	.1	1.2	1.2	.1							3.5	9.[illegible]
E	.5	1.1	2.1	.9	.2							4.8	8.3
ESE	.6	.8	1.5	.6								3.4	7.1
SE	.6	1.1	1.5	1.1	.1							4.3	8.2
SSE	.6	1.5	1.8	1.6	.1							5.6	8.6
S	.9	2.1	3.1	3.2	.9	.1	.1					10.3	10.0
SSW	.7	1.4	2.4	3.3	1.2	.5	.1					9.4	11.4
SW	.7	1.4	2.9	3.6	1.4	.4						10.4	11.3
WSW	.1	1.1	2.1	3.6	1.6	.5	.1					9.4	12.5
W	.7	1.2	1.8	2.2	1.2	.5	.1	.1				7.6	11.5
WNW	.3	.7	.9	.9	.3	.1						3.1	10.4
NW	.3	1.1	1.3	.7	.2	.1						3.9	8.5
NNW	.4	1.0	1.5	.7	.1	.1						3.8	8.0
VARBL	.1	.1	.5	.6	.3	.1						1.5	12.8
CALM												5.4	
	8.3	18.9	30.2	27.3	8.1	2.3	.3	.1				100.3	9.4

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.0	2.7	.6								11.6	5.4
NNE	1.7	3.1	2.2	.4								6.8	6.2
NE	.4	1.7	1.1	.9	.3	.2						4.7	8.5
ENE	.5	.7	.9	.1								2.1	6.2
E	1.2	1.9	.4	.3								3.8	5.3
ESE	.7	1.6	1.3	.3								3.9	6.2
SE	1.1	2.1	1.6	.1								5.1	5.3
SSE	.7	1.4	.3	.1								2.8	4.9
S	.7	2.8	1.2	.3	.1							4.9	6.3
SSW	.1	2.2	1.9	.8	.1							5.1	7.7
SW	.7	1.9	2.4	1.7	.1							6.7	8.1
WSW	.7	2.2	2.9	2.1	.6	.2						8.2	9.5
W	1.2	1.6	1.4	1.3								5.6	7.1
WNW	.9	.8	.7	.7	.1							2.8	7.9
NW	1.3	1.9	2.3	.6								6.1	6.2
NNW	1.3	2.3	2.2	.3								6.4	5.8
VARBL			.6									.6	8.8
CALM												14.0	
	15.4	32.7	25.6	10.6	1.3	.4						100.1	5.8

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3771	MILDENHALL RAF UK	74-83	APR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.4	2.4	.8								10.6	5.9
NNE	1.1	3.2	1.9	.2								6.4	5.8
NE	.7	1.3	1.6	1.1	.3							4.7	8.7
ENE	.7	.4	1.6	.2								2.4	7.7
E	1.1	.4	.9	.3								2.8	5.7
ESE	1.1	1.3	1.0									3.4	5.0
SE	1.3	2.1	2.2	.1								5.8	5.7
SSE	.7	.9	.9	.1								2.6	6.1
S	.8	1.8	1.3	.1								4.0	5.6
SSW	.8	1.3	1.9	1.0	.3							5.3	7.9
SW	.3	2.2	2.7	1.7	.1							7.4	7.7
WSW	.1	1.4	1.6	1.9	.9	.1						6.1	11.1
W	.7	1.9	1.7	1.0								5.2	7.1
WNW	.7	1.3	1.1	.8	.1							3.6	8.1
NW	1.4	1.9	1.9	1.7								6.2	6.5
NNW	1.7	2.9	2.8	.7	.1							8.1	6.2
VARBL			.1									.1	9.0
CALM												15.2	
	14.3	30.0	27.4	11.0	1.9	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-87 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.6	4.1	1.3								10.6	7.0
NNE	1.4	1.6	3.1	.6								6.6	6.8
NE	.3	1.7	1.9	1.4	.1							4.8	8.9
ENE	.5	1.1	1.4	.9								4.0	7.6
E	.3	.4	1.7	.6								3.0	7.9
ESE	.1	.7	1.0	.1								1.9	7.1
SE	.3	2.2	2.0	.3								5.3	5.9
SSE	1.1	1.2	1.1	.4								3.8	6.4
S	.9	1.9	1.0	.6								4.3	6.0
SSW	.5	1.0	1.4	2.1	.7							5.8	10.0
SW	.6	1.4	2.1	1.6	.3							6.0	8.7
WSW	.9	1.2	2.2	1.4	.6	.2						6.6	9.5
W	1.5	1.7	1.9	1.8	.3							7.2	8.0
WNW	.1	.6	1.6	2.1	.1							4.4	10.5
NW	.7	1.7	2.1	1.0								5.4	7.6
NNW	.8	2.4	2.9	1.9	.2							8.2	8.2
VARBL			.4	.3								.8	10.6
CALM												11.3	
	12.1	23.7	31.9	18.8	2.3	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
4271	MILDENHALL RAF UK	74-83	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 1900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	6.3	6.1	.3	.1						15.6	9.9
NNE	.3	1.6	1.7	2.7	.2							6.4	9.2
NE	.5	.4	2.0	1.8	.1							4.9	9.3
ENE	.1	.8	1.2	1.2								3.3	9.1
E	.1	1.4	1.8	1.9								5.6	8.7
ESE	.4	.4	.9	.4								2.2	8.0
SE	.3	.7	1.2	1.3								3.8	8.8
SSE	.7	.3	1.4	1.0	.2							3.2	9.7
S	.4	1.6	.7	.9								3.6	7.2
SSW	.6	.8	1.3	1.9	.7							5.2	10.8
SW	.7	1.2	1.6	2.0	1.0	.1	.1					6.7	10.6
WSW	.9	1.0	1.7	1.4	.4	.1						5.6	9.4
W	.6	1.1	2.6	2.0	1.1	.6						7.9	11.3
WNW	.8	.3	1.0	1.6	1.0	.1						4.8	11.3
NW	.4	.8	1.1	1.6	.4							4.3	10.2
NNW	.5	1.0	2.1	3.4	.4	.2						8.0	10.7
VARBL	.1	.4	2.4	2.7	.8							6.4	11.4
CALM												2.6	
	8.3	16.1	31.0	33.9	6.8	1.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	5.4	7.8	1.0	.1						16.3	11.1
NNE	.5	1.2	3.1	3.4	.1							8.4	9.9
NE	.7	1.1	1.6	2.4	.1							5.9	9.2
ENE	.1	.7	.2	1.8								2.8	10.7
E	.4	.7	1.1	2.9	.1							5.2	10.4
ESE		.2	.8	.7	.1							1.8	11.0
SE		.1	.6	1.4	.2							2.3	11.2
SSE	.1	.2	.6	2.1	.1							3.2	11.4
S	1.1	.4	1.6	1.2	.1							4.3	8.5
SSW	.4	.7	1.7	1.1	.4							4.3	9.7
SW	.1	.8	.9	2.0	.3	.3						4.2	12.6
WSW	.4	.6	2.2	1.6	.7	.3	.2					6.0	11.8
W	.4	1.9	2.2	2.2	1.2	.2						8.2	10.4
WNW	.1	.7	1.6	2.0	.8							5.1	11.4
NW		.8	1.9	1.7	.7							5.1	11.0
NNW	.5	1.0	1.8	2.4	.4							6.2	10.0
VARBL			3.7	3.6	.4							7.7	11.2
CALM												2.8	
	5.7	12.3	30.8	40.3	6.9	1.0	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15271	MILDENHALL RAF UK	74-83	APR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	7.0	5.0	1.1	.4						15.9	10.7
NNE	.4	1.1	5.1	4.7	.4							11.8	10.4
NE		.9	1.9	3.2								6.0	10.3
ENE	.1	.2	.9	3.6								4.8	12.[illegible]
E	.4	.8	1.3	2.0								4.6	9.3
ESE		.1	1.1	.3	.1							1.6	9.6
SE	.2	.7	1.1	2.2								4.1	10.1
SSE	.7	.3	1.4	2.7	.2							4.9	10.9
S	.4	.8	1.1	.8	.1							3.1	8.4
SSW	.3	.4	.9	1.0	.1							2.8	9.3
SW	.7	.6	1.1	2.1	1.1							5.2	12.0
WSW	.1	.7	1.7	2.2	.7	.7	.1					6.1	13.2
W	.7	1.2	2.7	3.4	.4	.3						8.3	11.0
WNW	.4	.9	1.3	2.1	.3							5.1	10.0
NW	.3	1.0	.9	1.3								3.3	8.9
NNW	.4	1.6	1.7	1.3	.2							5.2	8.8
VARBL	.1		2.8	1.9		.1						4.9	10.8
CALM												2.3	
	4.6	13.1	33.6	39.9	4.9	1.6	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 900

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 15771 STATION NAME: MILDENHALL RAF UK YEARS: 74-83 MONTH: APR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	6.7	2.6	.4	.1						15.2	8.5
NNE	.4	3.2	6.6	3.1								13.3	8.5
NE	.7	1.9	3.3	2.6	.2							8.9	9.1
ENE	1.3	1.1	2.7	.8								5.9	7.3
E	.2	1.3	2.4	.3								4.8	7.0
ESE	.5	2.4	.9	.7	.1							4.7	6.4
SE	.3	1.6	1.7	1.1								4.7	8.1
SSE	.3	1.6	1.7	.6								4.3	7.4
S	.7	1.3	1.2	.2	.1							3.6	6.6
SSW	.5	1.6	.6	.7								3.3	6.6
SW	.4	2.1	1.3	1.4	.3	.1						6.1	8.6
WSW	.7	1.1	2.3	1.0	.4	.4						5.9	9.9
W	.3	1.3	2.1	1.2		.1						5.4	8.5
WNW	.3	.3	1.4	.8	.1							3.3	9.2
NW	.7	.4	1.6	.7	.1							3.3	9.1
NNW	.8	.7	.4	.1								2.3	5.4
VARBL			.2									.2	10.0
CALM												6.3	
	9.7	26.9	38.0	17.8	1.9	.8						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15773	MILDENHALL RAF UK	74-83	APR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.3	3.6	1.0	.1							10.4	6.4
NNE	1.7	5.6	4.9	1.6	.1							13.4	7.0
NE	.7	2.0	1.4	.3		.1						4.7	7.0
ENE	.4	.7	1.4	.3								2.9	7.1
E	.9	2.2	1.8	.2								5.1	5.8
ESE	.6	2.9	.4	1.2								5.1	6.6
SE	.8	1.9	2.4									4.8	6.4
SSE	.3	1.1	1.2	.2								3.3	6.1
S	.7	2.2	2.2	.6								6.7	6.4
SSW	.4	1.8	1.1	.6								3.9	6.9
SW	.4	2.4	2.0	1.4	.1							6.4	7.8
WSW	.6	.7	1.3	1.8	.7							5.0	10.5
W	.4	2.3	3.2	1.4								7.4	7.7
WNW	.7	.8	.6	.3	.1							2.4	6.3
NW	1.2	1.3	1.1	.1								3.8	5.1
NNW	1.6	1.7	.2	.1								3.6	4.3
VARBL			.3									.3	9.7
CALM												10.7	
	13.1	38.4	29.3	11.2	1.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
APR — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.2	4.8	3.1	.4	.1						13.1	6.4
NNE	.2	2.6	3.6	2.1	.1							9.2	8.2
NE	.4	1.4	1.9	1.7	.2	.1						5.6	9.3
ENE	.4	.7	1.3	1.1								3.5	8.6
E	.3	1.2	1.4	1.1	.0							4.3	7.7
ESE	.4	1.2	.9	.5	.0							3.1	6.9
SE	.6	1.5	1.6	.8	.0							4.5	7.3
SSE	.5	.9	1.1	.0	.1							3.5	5.1
S	.6	1.7	1.3	.6	.1							4.3	6.8
SSW	.5	1.2	1.3	1.1	.3							4.5	8.7
SW	.5	1.9	1.8	1.7	.4	.1	.1					6.1	9.3
WSW	.5	1.1	1.9	1.7	.6	.3	.0					6.2	10.6
W	.7	1.7	2.2	1.8	.4	.2						6.9	9.1
WNW	.4	.7	1.2	1.3	.3	.0						3.9	9.7
NW	.7	1.2	1.6	1.0	.2							4.7	7.9
NNW	1.1	1.1	1.7	1.3	.2	.1						6.0	7.8
VARBL	.1	.1	1.3	1.1	.2	.1						2.6	11.2
CALM												8.1	
	12.3	23.1	30.9	22.9	3.8	.7	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2200

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

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	MAY

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	1.2	2.9	3.5									7.6	5.9
NNE	1.7	1.4	2.0	.1								4.3	5.7
NE	1.1	1.7	1.1	1.1								4.7	7.1
ENE	.6	1.3	1.7	.4								3.3	6.3
E	1.9	2.5	2.2	.2								6.7	5.4
ESE	1.4	1.1	.6	.2								3.3	4.8
SE	1.4	3.3	.9	.8								6.3	5.4
SSE	1.7	2.7	.9	.5								5.2	5.6
S	1.7	3.1	2.6	.3								7.5	5.9
SSW	1.7	2.1	3.0	1.5		.1						9.1	7.7
SW	1.1	1.9	2.8	1.7								7.0	7.6
WSW	.3	2.5	1.7	1.4								5.9	7.8
W	.4	1.5	2.4	.9	.1							5.3	7.7
WNW		.9	.8									1.6	6.7
NW	.3	1.5	1.2									3.5	5.4
NNW	1.1	2.2	1.7	.1								4.3	5.4
VARBL													
CALM												14.9	
	16.2	32.4	27.5	8.8	.1	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	MAY

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	2.7	.1								7.5	5.8
NNE	.3	1.5	2.4	.3								5.1	6.5
NE	.3	1.2	1.6	1.3								4.9	7.4
ENE	.4	.2	.9	.3								1.9	7.1
E	1.1	1.9	2.7	.1								5.8	6.2
ESE	1.2	1.2	1.7	.1								4.2	5.5
SE	1.2	2.2	1.5	.3								5.2	5.6
SSE	1.5	2.1	.5	.4								4.5	5.0
S	1.7	1.8	3.4	.3								7.3	6.4
SSW	1.1	2.4	2.4	.9								6.6	6.9
SW	.4	2.6	2.8	1.5								7.3	6.0
WSW	.4	1.8	1.7	1.2	.1							5.5	7.7
W	.5	1.2	2.4	.3								4.5	7.0
WNW	.3	.4	1.2	.2								2.0	7.8
NW	.3	1.4	1.9	.4								4.5	6.5
NNW	1.4	2.3	1.7	.2								4.8	5.3
VARBL													
CALM												18.4	
	14.3	27.7	30.8	8.1	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 5271 — STATION NAME: WILDENHALL PARK — YEARS: 78-83 — MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	3.7	1.1								7.3	7.5
NNE	1.0	1.7	2.5	1.4								6.6	7.4
NE	.4	.4	2.0	2.0	.2							5.5	9.7
ENE	.4	.4	1.1	.9								3.1	7.8
E	1.4	1.1	2.3	1.4	.1							6.1	7.8
ESE	1.4	1.3	2.9	1.4								7.5	7.3
SE	.4	2.3	1.4	.3								4.4	6.5
SSE	.5	1.2	.8	1.1								3.3	7.4
S	1.2	1.2	2.3	1.7	.1							6.5	7.9
SSW	.1	1.5	2.7	2.6								7.7	8.4
SW	.3	1.3	2.7	2.9	.2							8.5	8.7
WSW	.3	1.1	2.6	1.3	.3							6.3	8.7
W	.1	1.6	2.4	1.8								6.3	8.3
WNW	.3	.6	1.9	.2								3.3	7.4
NW	.1	1.3	2.5	.5								4.5	7.8
NNW	.2	1.2	2.5	.8	.1							5.1	7.9
VARBL			1.7	.5								2.3	9.6
CALM												6.2	
	11.0	22.8	37.6	21.9	.9							100.3	7.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 5771 — STATION NAME: MILDENHALL RAF UK — YEARS: 74-83 — MONTH: MAY

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	3.5	3.5	.1							8.2	9.9
NNE	.3	1.2	1.7	1.7	.1							4.9	9.3
NE	.4	.3	1.3	2.3	.6	.2						5.6	11.2
ENE	.3	.3	.6	1.3	.3							3.4	9.8
E	.4	1.1	1.1	3.2								5.5	10.1
ESE	.4	1.1	.6	2.1	.2							4.4	9.7
SE	.3	1.1	1.2	1.8								4.3	9.4
SSE	.3	.6	.8	.8								2.7	8.2
S	.6	2.4	2.1	2.3	.3	.1						7.7	8.8
SSW	.3	1.9	2.9	2.3	.9							7.5	9.7
SW	.4	1.1	2.3	3.2	1.7	.1						8.1	11.2
WSW	.3	1.1	1.3	1.9	.5	.1						5.3	10.8
W	.4	.5	2.1	2.7	.2							5.9	10.3
WNW	.2	.9	1.1	.9	.1							3.1	8.9
NW	.3	.6	1.1	.5	.1							2.7	8.2
NNW	.1	.9	2.5	1.5	.1							4.9	9.6
VARBL		.1	6.2	6.1	.1							12.6	10.9
CALM												3.1	
	5.3	16.2	31.7	37.8	6.6	.5						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AL C[illegible] ATOLOGY BRANCH
[illegible]AFETAC
[illegible] WEATHER SERVIC /MAC

SURFACE WINDS

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

[illegible] ILDENHALL RAF [illegible]K — STATION / STATION NAME
74-83 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	4.1	2.8	.3							9.2	10.0
NNE	.3	.9	1.8	3.1								6.3	14.3
NE	.3	.6	.9	2.0	.9							4.6	11.9
ENE	.3	.3	.6	1.1	.4	.1						2.7	12.1
E	.1	.5	1.3	3.3	.4							5.8	11.3
ESE	.1	.3	.6	1.5	.2							3.2	10.7
SE		.3	.6	2.2	.3							3.3	11.5
SSE	.4	.4	1.1	1.4	.1							3.3	9.6
S	.3	1.8	2.6	2.2	.4							7.8	8.9
SSW	.5	.8	1.7	1.4	1.3	.3						6.1	11.6
SW	.1	1.1	2.1	3.8	1.1	.2						8.3	12.1
WSW	.4	.3	2.4	2.8	.5							7.3	10.4
W	.3	1.2	1.8	2.4	.3							6.3	9.5
WNW	.3	.3	.9	.8	.1							2.6	9.0
NW	.3	1.1	.8	.3	.1	.1						2.5	8.6
NNW	.4	.4	2.3	.9								4.3	8.6
VARBL		.1	6.2	7.8	.9	.1						15.3	11.5
CALM												1.8	
	5.2	12.9	32.2	39.7	7.4	.9						1[illegible].1	10.5

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	5.3	3.2	.2							11.2	9.3
NNE	.1	.4	4.2	3.2								8.2	10.3
NE	.1	.2	1.0	2.5	.5	.1						4.6	12.4
ENE	.1	.3	1.1	1.1	.1							2.7	10.3
E	.1	.5	1.5	3.3	.3							5.8	11.6
ESE		.4	.9	3.2	.5							4.9	12.1
SE	.2	.6	1.7	1.5	.3							4.4	9.9
SSE	.1	.5	.8	1.4								2.9	10.1
S	.2	1.3	2.6	2.7	.4							6.6	10.7
SSW	.1	1.1	2.4	2.8	.4	.3						7.2	10.9
SW	.1	1.4	1.5	2.9	1.7	.7						7.2	12.0
WSW	.6	1.1	2.9	1.9	.6							7.1	9.6
W	.2	1.7	2.8	2.7	.3	.2						8.0	9.9
WNW	.1	.4	.3	.5	.3	.1						1.9	10.3
NW		.1	1.2	.5	.1	.2						2.3	11.1
NNW	.4	.2	1.4	.4								3.1	7.7
VARBL			5.2	4.1	.9	.1						10.2	11.4
CALM												1.9	
	3.9	12.8	36.5	37.4	6.1	1.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] — STATION
[illegible]ILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	5.2	1.2	.1							10.4	7.5
NNE	.9	2.2	4.0	2.3								9.2	8.3
NE	.7	1.0	2.5	2.5								6.1	9.6
ENE	.5	.3	1.1	1.0		.1						3.0	8.8
E	.1	2.3	3.7	2.7	.1							8.8	8.8
ESE	.1	1.2	2.8	1.6								5.7	9.1
SE	.6	.8	2.4	.6								4.4	7.7
SSE	.4	1.6	2.2	.8	.1							5.1	7.3
S	.9	3.1	4.2	.9	.1							9.1	7.5
SSW	.3	2.3	2.4	1.4	.4	.1						7.3	8.5
SW	.5	1.5	1.5	1.9	.4	.2	.1					6.2	10.1
WSW	1.0	1.1	1.7	1.4	.5							5.7	8.9
W	.8	1.4	2.0	1.5								5.7	8.1
WNW	.2	.7	1.5	.3	.1	.1						3.1	9.1
NW	.3	.4	.3	.2								1.4	6.4
NNW	.3	1.1	.9	.1								2.4	6.2
VARBL			.5	.6	.3							1.5	12.6
CALM												4.7	
	6.4	24.3	38.7	21.0	2.3	.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.1	3.0	.3								8.8	5.9
NNE	.9	2.4	3.7	.3								7.2	6.6
NE	.3	1.5	1.4	.8	.1							4.1	7.5
ENE	.6	1.3	1.4	.2								3.5	6.3
E	2.2	4.1	2.9	.3								9.4	5.6
ESE	1.2	1.5	2.7	.1								4.3	6.1
SE	.9	3.7	1.4	.1								5.9	5.5
SSE	1.2	2.5	2.4	.4								6.5	6.1
S	1.4	4.1	3.8	.4	.2							9.8	6.6
SSW	1.3	2.6	2.7	1.2	.2	.2						8.0	7.5
SW	.9	2.3	1.8	2.0	.1							7.0	8.2
WSW	.2	1.3	1.9	.6								4.2	7.5
W	.3	1.3	1.1	.9								3.5	7.5
WNW	.2	.6	.4	.2								1.5	6.4
NW	.5	.9	.6									2.0	5.2
NNW	1.2	1.1	.9									3.1	4.9
VARBL			.2									.2	9.0
CALM												10.4	
	14.6	39.7	31.6	7.7	.6	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	3.9	1.5	.1							8.6	7.8
NNE	.7	1.5	2.8	1.6	.7							6.5	8.2
NE	.5	.9	1.5	1.8	.3	.7						5.0	9.6
ENE	.4	.7	1.7	.8	.1	.7						3.0	6.5
E	.9	1.7	2.2	1.8	.1							6.7	8.2
ESE	.7	1.1	1.5	1.3	.1							4.8	8.2
SE	.6	1.8	1.4	1.7	.1							4.8	7.4
SSE	.7	1.4	1.1	.8	.7							4.2	7.1
S	1.7	2.3	2.9	1.3	.2	.7						7.8	7.7
SSW	.3	1.7	2.5	1.7	.4	.1						7.3	8.8
SW	.7	1.7	2.2	2.4	.5	.1	.7					7.4	9.8
WSW	.5	1.4	2.7	1.6	.3	.7						5.8	9.0
W	.5	1.3	2.1	1.6	.1	.7						5.7	8.7
WNW	.2	.7	1.0	.4	.1	.7						2.4	8.2
NW	.4	.9	1.2	.3	.7	.7						2.9	7.3
NNW	.7	1.2	1.5	.5	.3							4.0	7.0
VARBL		.7	2.6	2.4	.3	.7						5.3	11.2
CALM												7.7	
	11.0	22.9	33.3	22.8	2.9	.5	.0					100.2	7.8

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
25771	MILDENHALL RAF UK	74-83	JUN

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	2.1	3.1	2.1	.9	.1							8.3	6.2
NNE	1.1	2.4	.8	.1								4.4	4.8
NE	.7	1.1	1.0									2.3	6.3
ENE	1.3	.2	.6	.2								2.3	5.1
E	1.8	1.7	1.6	.2								5.2	5.3
ESE	1.2	1.3	1.4									4.0	5.3
SE	1.3	1.9	.6									3.8	4.5
SSE	2.1	1.3	.1	.1								3.6	3.6
S	1.6	2.6	1.1	.4								5.7	5.4
SSW	1.8	2.3	1.7	.8								6.6	6.2
SW	1.3	5.6	4.1	.8								12.7	6.4
WSW	1.2	2.6	4.9	1.0	.1							9.7	7.4
W	1.6	2.7	2.1	.2								6.6	5.7
WNW	.8	1.1	.6	.7								3.0	6.9
NW	.5	1.5	.3									2.7	4.7
NNW	2.1	2.1	1.1	.2								5.4	4.8
VARBL			.1	.1								.2	11.5
CALM												13.6	
	22.2	34.3	23.9	5.8	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 970

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
35771	MILDENHALL RAF UK	74-83	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	1.8	.6								7.1	5.7
NNE	1.7	2.2	1.2									5.1	4.9
NE	.7	.8	1.6									3.1	6.0
ENE	.2	.7	.2									1.1	4.6
E	1.1	1.4	.9	.2	.1							3.7	6.0
ESE	1.6	1.4	.6	.2								3.8	4.7
SE	1.1	1.7	.7									3.4	4.5
SSE	1.1	1.7										2.1	3.5
S	1.8	1.8	1.2	.2								5.0	5.2
SSW	2.6	3.7	2.6	.6								9.3	5.5
SW	2.3	3.3	4.8	1.3								11.8	6.8
WSW	1.4	2.6	4.4	.8								9.2	6.8
W	1.9	3.3	2.1	.3	.1							7.2	6.2
WNW	.8	1.1	.9	.4								3.2	6.3
NW	.6	1.4	.4									2.4	5.2
NNW	2.3	2.9	1.7	.3								7.1	5.3
VARBL													
CALM												15.3	
	22.3	32.4	25.0	5.0	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.2	4.0	1.4								9.3	7.6
NNE	.7	2.4	3.3	.3								6.8	6.9
NE	.7	1.1	2.1	.4								3.9	7.3
ENE	.7	1.1	.3	.4								2.4	6.1
E	.3	.8	.9	.1								2.7	5.2
ESE	.2	.7	1.1	.6								2.7	7.7
SE	.4	1.1	1.4	.2								3.2	6.3
SSE	.2	1.1	.3	.2								1.8	5.8
S	.7	1.8	1.2	.4								4.3	6.3
SSW	.4	1.9	2.1	1.6								6.0	7.9
SW	1.1	2.3	4.2	2.9	.1							10.6	8.4
WSW	1.2	2.4	5.7	3.4								13.2	8.1
W	1.7	1.8	4.2	2.2	.3							10.2	8.0
WNW	.8	.9	2.1	1.4								5.1	8.5
NW	.3	1.1	1.4	1.0								3.8	8.0
NNW	1.1	2.2	1.4	.4								5.2	6.1
VARBL			1.7	.6								2.2	9.5
CALM												6.6	
	11.4	26.3	37.3	17.8	.4							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	5.4	2.8	.1							10.1	8.9
NNE	.4	1.4	2.6	.6								5.0	7.5
NE	.4	.7	2.1	.9								4.3	8.7
ENE	.2	.7	.7	.2								1.8	7.1
E	.3	.3	.7	.4								2.3	7.0
ESE	.1	.7	.7	.2								1.7	7.7
SE	.1	1.7	1.7	.8								2.9	7.8
SSE	1.7	.9	.4	.1								2.4	5.0
S	.9	1.7	.9	.7								4.1	6.5
SSW	.7	.8	1.8	1.1								4.3	7.6
SW	.9	1.7	3.1	4.7								9.6	9.3
WSW	.3	2.2	2.9	3.2	.1							8.8	9.2
W	.9	2.1	4.7	4.8	.4							12.2	9.7
WNW	.8	.8	2.7	1.8	.3							6.3	9.2
NW	.4	1.1	1.8	1.1								4.4	8.3
NNW	.6	1.3	2.7	1.1								5.0	7.8
VARBL		.6	7.6	4.7	.4							12.6	9.9
CALM												2.1	
	8.6	20.2	40.2	27.4	1.4							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
55771	MILDENHALL RAF UK	74-83	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	6.0	2.6	.1							10.3	9.3
NNE	.0	1.4	2.6	1.4								5.7	8.4
NE	.4	.6	1.2	1.3	.1							3.7	9.3
ENE		.1	.3	.6								1.1	9.7
E	.4	.3	1.1	.8								3.1	7.8
ESE	.1	.4	1.1	.4	.1							2.2	8.7
SE	.1	.3	.4	.9								1.8	9.8
SSE	.4	.3	.8	.6	.1							2.2	8.5
S	.3	1.2	1.2	1.3								4.1	8.8
SSW	.4	.8	1.7	1.3	.2							4.6	9.0
SW	.4	1.1	2.9	4.0	.4							6.8	10.6
WSW	.4	1.0	2.4	3.9	.7							9.3	10.1
W	.6	2.1	2.6	5.1	.4							10.7	10.3
WNW	.3	1.3	1.9	1.8	.6	.1						5.4	10.4
NW	.2	.7	.9	1.0	.1							2.9	9.5
NNW	.1	1.3	2.6	1.0								5.0	8.2
VARBL		.7	10.7	6.0	.4							17.8	9.5
CALM												1.3	
	4.7	16.4	40.3	34.0	3.3	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
WILDENHALL RAF UK — STATION NAME
79-83 — YEARS
JUN — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.7	6.3	3.1	.1							12.6	8.9
NNE	.9	1.3	4.0	1.7								7.8	8.8
NE	.7	1.7	.6	1.8								3.4	9.4
ENE		.3	.9	.4								1.6	9.8
E	.7	.9	2.1	1.6								5.2	8.4
ESE	.1	.7	1.2	.3								2.3	7.8
SE	.1	.4	.8	.9								2.2	9.3
SSE	.1	.9	1.3	.7								2.3	8.1
S	.4	.3	2.1	.9	.1							4.4	8.5
SSW	.6	.9	1.7	.9	.2	.2						4.4	9.2
SW	.8	.9	2.4	3.2	.3							7.6	9.9
WSW	.7	.4	4.6	3.9	.4	.1						9.8	10.8
W	.4	1.9	3.7	5.2	.4							11.6	10.3
WNW	.7	.6	1.2	1.9	.2							4.1	10.6
NW	.7	1.1	1.4	1.0	.1							3.8	8.8
NNW	.5	1.9	1.0	.3	.1							3.9	6.7
VARBL		.3	8.1	2.8	.1							11.3	9.7
CALM												1.7	
	5.7	16.6	47.3	30.2	2.2	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	JUL

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	5.5	2.2								11.5	7.7
NNE	.7	1.9	5.2	1.3								9.1	7.9
NE	.1	1.4	3.7	.4								5.9	7.6
ENE	.1	1.0	.3	.7								2.7	8.0
E	.2	2.1	3.4	.4								6.9	6.9
ESE	.2	1.4	1.4	.0								4.0	7.6
SE	.2	2.1	2.7	.3								5.2	7.1
SSE	.2	.9	.8		.1							2.3	6.0
S	.6	1.2	.7	.2								2.7	6.3
SSW	1.1	1.6	2.1	.4	.2	.1						5.5	7.3
SW	.7	2.9	4.3	2.0								9.9	8.1
WSW	1.1	2.0	5.3	2.0								10.3	8.2
W	1.2	2.1	4.1	1.7	.2							10.1	8.1
WNW	.4	.7	1.6	1.2	.1							4.0	8.9
NW	.1	.2	1.1	.6								2.0	8.8
NNW	1.1	.3	1.1	.3								3.2	5.9
VARBL		.1	.5	.8								1.4	10.7
CALM												3.3	
	1.5	24.9	45.1	15.6	.7	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 899

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

L AL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 5771 STATION NAME: MILDENHALL RAF UK
YEARS: 70-83
MONTH: JUN
CLASS: ALL WEATHER
HOURS (L.S.T.): 1100-2300
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.9	2.2	1.1								8.3	6.5
NNE	.9	3.7	2.4	.2								6.2	6.1
NE	.4	1.4	1.3	.1								3.4	6.1
ENE	.1	2.4	.3	.1								3.2	5.3
E	1.1	2.7	1.8	.4								6.0	6.1
ESE	.1	2.3	1.2	.1								4.4	5.5
SE	1.9	2.3	1.2									5.1	4.9
SSE	.2	2.7	.7	.1								4.3	4.9
S	2.4	2.4	1.2	.3								6.6	4.9
SSW	1.1	2.6	.9	.6		.1						5.1	6.2
SW	.3	4.9	5.1	1.8	.2							12.4	7.1
WSW	.7	2.4	2.6	1.2								6.9	7.1
W	.7	3.2	2.7	.2								7.3	6.1
WNW	1.1	1.2	1.2	.4								4.3	6.3
NW	1.1	.9	.3	.3								2.6	5.3
NNW	1.3	.6	.2	.7								2.8	5.5
VARBL			.3	.2								.6	10.9
CALM												11.0	
	16.3	38.9	25.8	7.7	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible]71 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

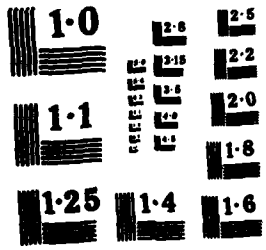
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	4.2	1.8	.1							9.7	7.8
NNE	.5	2.1	2.3	.7								5.3	7.1
NE	.4	1.1	1.7	.6	.1							3.8	7.6
ENE	.4	.3	.5	.3								2.0	6.7
E	.2	1.4	1.5	.5	.2							4.4	6.6
ESE	.5	1.2	1.1	.3	.2							3.1	6.6
SE	.6	1.3	1.1	.4								3.5	6.3
SSE	.3	1.1	.6	.2	.2							2.6	5.5
S	1.1	1.7	1.2	.6	.2							4.6	6.2
SSW	1.1	1.3	1.8	.9	.1	.1						5.7	7.1
SW	1.2	2.9	3.9	2.5	.1							10.4	8.1
WSW	.3	2.1	4.1	2.4	.2	.1						9.7	8.5
W	1.1	2.9	3.3	2.5	.3							9.4	8.9
WNW	.5	.9	1.5	1.2	.2	.1						4.4	8.6
NW	.5	1.1	1.0	.6	.5							3.1	7.5
NNW	1.2	1.6	1.4	.6	.1							4.7	6.3
VARBL		.1	3.6	1.8	.1							5.3	9.9
CALM												6.8	
	12.7	26.3	35.1	17.9	1.1	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7199

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

AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 2/5

UNCLASSIFIED USAFETAC/DS-84/016 SBI-AD-E850 742 F/G 4/2 NL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[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	.4	.1								5.2	4.5
NNE	1.1	1.9	1.1	.1								4.1	5.1
NE	.2	.9	.7									1.7	4.2
ENE	.5	.2	.6	.1								1.9	5.6
E	.1	2.5	.6									4.2	4.6
ESE	1.3	.1	.6									2.5	4.5
SE	1.3	1.1	.3									3.4	4.2
SSE	.2	1.2	.2									2.5	4.2
S	1.4	2.3	.2									4.8	4.6
SSW	2.1	2.3	1.9	.4								7.3	5.5
SW	1.1	4.4	5.8	1.8								14.1	6.9
WSW	1.3	2.5	3.8	1.7	.1							9.2	6.9
W	.1	4.2	3.3	.1								8.7	6.1
WNW	.1	1.1	1.2	.1								2.5	6.5
NW	1.1	2.3	.9	.9								4.9	6.3
NNW	.9	.5	.5									2.4	4.9
VARBL			.1	.1								.2	10.3
CALM												0.2	
	18.7	35.4	22.6	4.9	.1							100.2	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.3	.1	.2							5.4	5.8
NNE	.8	1.9	.4									3.1	4.6
NE	1.1	.4	.2	.2								1.9	4.5
ENE	.3	.5	.4	.1								1.6	5.3
E	.3	1.1	.9	.1								2.5	5.7
ESE	1.1	1.1	.8									2.9	4.6
SE	.5	1.1	.3									2.3	4.5
SSE	1.3	.9	.4									2.5	3.7
S	1.2	1.3	1.6	.1								4.2	5.4
SSW	2.3	2.4	2.5	1.2								8.6	6.3
SW	1.9	6.1	4.7	1.0								13.7	6.2
WSW	1.6	2.8	3.5	.3	.1							3.4	6.4
W	2.2	2.3	4.5	.7								9.9	6.2
WNW	.6	.6	1.4									2.7	6.2
NW	.3	1.	.5	.8								2.6	7.6
NNW	1.9	1.3	1.1	.1								4.3	4.4
VARBL			.1									.1	10.3
CALM												23.7	
	22.0	27.4	24.5	4.1	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7571	HILDENHALL RAF UK	78-83	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS: DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	2.0	.4	.1							6.2	6.4
NNE	.7	1.5	1.5	.3								3.5	6.6
NE	.7	1.7	.5	.2								2.9	5.4
ENE	.4	.6	.9	.7								2.3	6.5
E	1.7	1.3	1.7	.4								4.2	5.7
ESE	.3	.7	.6	.1								1.9	5.9
SE	.6	.5	.3	.7								1.7	5.4
SSE	.4	.5	.7									1.3	4.3
S	1.4	1.0	1.4	.3								5.1	5.4
SSW	.9	1.4	2.6	1.4	.1							6.2	8.2
SW	1.5	1.9	5.9	2.4	.7							11.9	8.3
WSW	.3	2.7	5.1	1.7								10.2	8.0
W	1.7	3.5	5.8	1.7	.1							12.5	7.3
WNW	.8	1.1	2.7	1.3								5.7	8.3
NW	.5	1.3	1.9	1.3								5.1	7.9
NNW	.8	2.4	2.7	.2								5.4	6.5
VARBL			1.9	.2								2.2	3.7
CALM												11.7	
	13.5	25.1	36.7	12.5	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 933

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	74-83	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.7	1.7								8.3	7.4
NNE	.5	1.6	2.4	.5								5.1	7.3
NE	.4	1.6	1.5	.8								4.3	7.5
ENE	.4	1.0	.3	.4								2.2	6.1
E	.4	1.1	1.2	.6	.1							3.3	7.8
ESE	.3	.6	.6	.2								1.8	6.8
SE	.4	.5	.8	.1								1.8	6.5
SSE	.0	.8	.2	.3								2.2	5.4
S	.5	.0	.4	.4	.1							2.4	7.2
SSW	.3	1.1	1.8	1.6	.3							5.2	9.8
SW	.5	.8	2.9	3.2	.1							7.6	9.8
WSW	1.1	1.3	3.9	3.8	.1							10.1	9.5
W	.9	2.4	5.1	4.5	.5							13.2	9.4
WNW	.3	1.7	2.4	2.3	.1							7.0	8.8
NW	.3	1.6	2.3	1.1		.1						5.7	7.7
NNW	.9	1.1	1.3	1.0								4.2	7.4
VARBL	.1		9.4	2.9								12.5	9.5
CALM												3.9	
	1.3	20.5	39.0	25.4	1.4	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 932

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

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

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF [illegible]K (STATION NAME) 71-83 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	2.5	2.2	.1							7.5	8.3
NNE	.3	1.1	2.4	.6								4.4	7.3
NE	.2	.6	1.4	.6								2.7	8.3
ENE	.1	.4	.4	.2	.1							1.5	7.6
E	.3	1.7	1.9	.5								4.5	7.4
ESE	.4	.3	.3	.4								1.9	7.0
SE	.3	.4	.3									1.3	5.3
SSE	.6	.4	.1									1.2	3.9
S	.2	.3	.5	.2	.2							2.4	6.8
SSW	.1	.6	1.0	1.7	.3							3.8	10.7
SW	.2	.8	2.4	4.4	.3							8.1	11.3
WSW	.3	.3	4.1	4.2	.6							10.0	10.9
W	1.1	1.7	5.6	6.6	.3	.3						15.6	10.2
WNW	1.0	1.5	2.4	1.2	.3							6.3	8.1
NW	.4	1.4	1.7	1.4	.2							5.2	9.3
NNW	.3	1.3	2.3	.8								5.3	7.1
VARBL	.0	.2	11.1	4.3	.1							15.5	9.6
CALM												2.7	
	7.7	17.4	40.1	29.0	2.7	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	4.6	1.9								9.8	7.9
NNE	.4	.6	2.6	.9								4.5	8.4
NE	.1	.8	1.3	.8								2.9	8.8
ENE	.1	.9	1.1	.8								2.7	8.4
E	.7	1.3	2.1	1.3								4.9	8.2
ESE	.4	.3	.4	.3								1.4	7.2
SE	.5	.1	.5	.4								1.6	7.7
SSE	.8	.5	.8									2.2	5.2
S	.3	.4	1.2	.2								2.0	7.5
SSW	.3	1.1	1.2	1.1	.1							3.7	8.7
SW	.1	.5	2.3	3.2	.6							7.0	11.3
WSW	.3	1.1	1.9	4.7	.5							8.5	11.1
W	1.1	3.5	4.8	4.5	.8	.2						14.9	9.4
WNW	.6	2.2	1.9	2.0	.4							7.2	8.7
NW	.5	1.5	2.2	1.2	.1							5.6	8.1
NNW	1.3	2.3	2.0	.4								5.5	6.5
VARBL			5.2	5.1	.5							13.8	10.3
CALM												1.8	
	7.7	19.4	38.9	28.8	3.1	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 — STATION
MILDENHALL RAF UK — STATION NAME
70-83 — YEARS
JUL — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	3.2	.9								6.9	7.0
NNE	.5	1.8	2.9	.3								5.6	6.7
NE	.7	1.7	2.4	.6								4.4	7.9
ENE	.7	1.1	2.4	.1								3.8	7.1
E	.7	3.7	4.1	.6								8.0	7.3
ESE	.5	1.3	1.6	.1								3.5	6.4
SE	.4	.6	2.3	.1								3.4	6.3
SSE	.5	.6	1.7									2.9	6.6
S	.1	1.3	1.9	.3								4.2	6.8
SSW	.5	1.1	2.2	1.0								4.7	7.9
SW	.5	2.0	2.4	3.4	.1							8.5	9.2
WSW	.5	2.1	3.2	2.3	.2							8.4	8.7
W	1.9	5.1	3.2	1.3	.3							11.4	6.7
WNW	.3	1.1	2.3	1.5	.2							5.4	8.9
NW	.7	1.2	1.9	1.2								5.2	7.3
NNW	.3	1.9	1.6	.3								4.6	6.1
VARBL			1.5	.5	.1							2.2	9.9
CALM												7.1	
	9.9	27.3	40.8	14.6	1.0							100.1	7.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1271	MILDENHALL RAF UK	70-8	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	.9	.1								5.4	4.7
NNE	.4	1.7	1.1	.1								3.3	5.8
NE	.1	1.6	1.9									3.8	6.3
ENE	1.1	2.6	.6	.1								4.6	4.6
E	1.1	3.2	1.1									5.7	4.3
ESE	1.4	2.2	1.1									4.6	4.9
SE	.9	2.6	.9									4.3	5.1
SSE	1.1	2.9	.9									4.8	4.7
S	1.9	2.8	1.1	.2								5.9	4.7
SSW	1.2	1.9	2.1	1.7								6.8	7.5
SW	2.2	4.1	3.8	1.5								11.5	6.7
WSW	1.1	2.1	2.9	.5								6.8	6.7
W	.7	3.8	2.6	1.1								8.2	6.6
WNW	.4	1.6	1.6	.1								3.8	6.6
NW	.5	1.2	1.1	.1								2.9	6.3
NNW	.8	1.1	.8	.2								2.8	5.7
VARBL			.6	.2								.9	9.4
CALM												14.0	
	17.7	37.7	28.8	5.9								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible] AFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) — [illegible]VILDENHALL RAF [illegible]K (STATION NAME) — 74-83 (YEARS) — JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	2.2	.9	.1							6.3	6.1
NNE	.5	1.5	1.8	.4								4.2	6.7
NE	.5	1.1	1.2	.4								3.1	6.8
ENE	.5	1.1	.8	.3	.1							2.9	6.3
E	.7	1.9	1.6	.5	.1							4.7	6.5
ESE	.7	1.1	.8	.1								2.6	5.6
SE	.7	1.0	.7	.1								2.5	5.6
SSE	.1	1.0	.6	.7								2.4	4.3
S	.9	1.5	1.1	.2	.0							3.9	5.1
SSW	.1	1.5	1.9	1.3	.1							5.8	7.6
SW	.1	2.6	3.8	2.6	.2							10.3	8.1
WSW	.9	1.9	3.5	2.1	.2							8.9	8.6
W	1.2	3.4	4.4	2.5	.3	.1						11.8	8.1
WNW	.7	1.4	2.1	1.1	.1							5.1	8.1
NW	.4	1.4	1.5	1.1	.1	.0						4.6	7.6
NNW	1.0	1.5	1.4	.4								4.3	6.2
VARBL	.1	.1	4.1	1.6	.1							5.9	9.8
CALM												10.5	
	13.1	26.0	33.4	15.7	1.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) [illegible]-[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	1.7									4.5	4.8
NNE	1.1	1.3	.3									2.7	4.1
NE	.3	1.3	.6	.1								2.3	4.9
ENE	.3	.8	.4	.2								2.2	5.5
E	2.1	2.4	.3									4.7	4.1
ESE	1.7	2.3	.3									4.3	3.9
SE	1.1	2.3	.3									3.7	3.9
SSE	1.3	.3	.4	.2								2.8	4.9
S	2.5	2.1	1.1	.1								6.6	4.6
SSW	1.5	1.6	1.7	1.6								6.5	7.5
SW	1.8	4.4	5.1	.9								11.8	6.9
WSW	1.1	2.2	2.2	.6	.1							6.0	7.0
W	1.7	2.1	2.2	.9								6.9	6.6
WNW	1.1	.9	.6	.1								2.7	4.1
NW	1.1	1.6	1.2									3.9	5.3
NNW	.9	.8	1.	.1								2.6	5.5
VARBL			.1									.3	5.3
CALM												[illegible].5	
	[illegible].3	29.7	18.9	4.8	.1							[illegible].1	4.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0700-0500 (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		%	MEAN WIND SPEED
N	1.1	2.1	.4	.1								4.4	4.2
NNE	.9	.4	.4									1.7	3.9
NE	.8	.8	.9	.1								2.5	5.3
ENE	.8	1.3	.4	.1								2.4	5.6
E	1.7	1.0	.1									3.0	4.2
ESE	1.4	1.3	.4									3.7	3.9
SE	1.7	1.3	.5									3.1	4.2
SSE	1.4	1.4	.4	.1								3.3	4.4
S	1.4	2.6	1.4	.4								5.8	5.4
SSW	1.2	3.1	2.9	.2	.1							7.5	6.2
SW	1.4	3.9	3.5	1.1	.1							9.8	6.6
WSW	1.5	2.4	1.6	.8								6.3	6.0
W	.8	3.4	1.7	.9								6.8	6.3
WNW	.3	1.1	.6	.1								2.2	5.9
NW	1.2	1.9	1.1	.7								4.4	5.5
NNW	.9	2.2	.6									3.5	4.8
VARBL													
CALM												29.6	
	17.6	31.2	17.2	4.2	.2							100.2	3.3

TOTAL NUMBER OF OBSERVATIONS 933

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

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

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS DIR	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	1.1	.2								[illegible].3	5.1
NNE	.5	1.2	.5	.3								2.5	6.2
NE	.4	.6	1.1	.2								2.7	6.5
ENE	.[illegible]	1.1	.2	.4								2.3	6.3
E	.1	2.3	1.1	.1								4.5	5.2
ESE	.2	1.1	.8									4.0	4.1
SE	1.5	1.2	.2									2.7	3.9
SSE	.3	1.1	.8	.2								2.7	6.5
S	.2	1.3	2.2	.9								5.6	7.1
SSW	.2	1.3	2.8	1.1	.1							5.2	7.5
SW	.1	2.4	3.2	1.8	.1	.1						8.7	8.2
WSW	1.6	3.2	3.1	1.1	.1							9.1	6.3
W	2.2	3.5	3.8	1.3								10.9	6.4
WNW	1.5	2.1	1.8	.2	.2							5.5	5.9
NW	.2	2.2	1.4	.6								4.9	6.2
NNW	.4	2.4	1.5	.4								5.6	6.3
VARBL			.9	.2								1.1	9.1
CALM												15.2	
	12.8	30.3	26.5	9.0	.5	.1						[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

[illegible] AL CLIMATOLOGY BRANCH
[illegible]
[illegible] ATH R SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 76-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	2.[illegible]	2.6	1.1								6.7	7.[illegible]
NNE	1.[illegible]	1.6	1.2	.2								4.[illegible]	5.8
NE	.[illegible]	1.[illegible]	1.4	.5								3.8	7.3
ENE	.[illegible]	.9	.5	.5								2.7	6.7
E	1.2	1.[illegible]	2.[illegible]	.4	.1							6.6	6.3
ESE	1.1	1.2	.6	.4								3.2	6.[illegible]
SE	.[illegible]	1.6	.4									2.5	4.9
SSE	.[illegible]	.3	.5	.4								1.7	6.7
S	.5	1.[illegible]	1.4	.6								4.4	6.3
SSW	.[illegible]	.[illegible]	2.[illegible]	1.3	.4							5.4	9.2
SW	.[illegible]	.2	1.7	2.8	.3	.2						6.7	1[illegible].4
WSW	1.[illegible]	1.[illegible]	2.7	3.[illegible]	.9							9.2	9.6
W	1.[illegible]	2.2	3.4	2.7	.3							10.1	8.1
WNW	.1	2.2	2.7	1.8								7.7	7.8
NW	.[illegible]	1.7	1.2	1.1								4.5	7.2
NNW	.1	2.3	2.5	1.[illegible]								6.7	6.9
VARBL			5.[illegible]	3.1								8.9	9.9
CALM												[illegible].2	
	12.[illegible]	25.3	33.7	21.1	2.0	.2						1[illegible]0.0	7.9

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	3.7	1.3								7.7	7.6
NNE	.2	.5	2.0	.4								3.3	7.7
NE	.4	1.2	1.3	.6								3.4	7.7
ENE	.1	.9	1.2	.4								2.3	6.9
E	.4	1.3	1.3	.9	.1							4.[illegible]	7.9
ESE	.9	2.1	.9	.5								4.2	6.1
SE	1.2	1.5	.1	.1								2.9	4.4
SSE	.3	.4	.6	.1								1.7	6.2
S	.6	1.1	1.3	.4	.1							3.4	7.1
SSW	.6	.7	1.6	2.2	.3							5.6	9.9
SW	.4	1.9	2.2	2.6		.3						6.8	10.2
WSW	.5	1.4	1.3	2.7	.9							7.3	10.7
W	1.4	2.4	4.7	4.[illegible]	.1							12.6	8.7
WNW	.3	1.1	2.7	1.1								5.9	8.[illegible]
NW	.2	1.1	1.9	.3	.1							4.3	7.[illegible]
NNW	.1	1.9	2.2	.3								4.2	7.3
VARBL	.3	.5	14.3	4.9	.5							16.1	10.[illegible]
CALM												3.7	
	10.3	21.6	39.7	22.8	2.2	.3						100.0	8.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

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

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 71-8[illegible] (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5	5.2	.8								8.8	7.6
NNE	.5	1.1	2.5	.5								4.3	8.1
NE	.4	.4	1.9	.6	.1							3.9	8.7
ENE	.4	1.5	1.7	.6								4.3	7.3
E	.3	1.1	2.3	.8								5.2	7.6
ESE	.7	1.1	1.1	.8								3.0	7.4
SE	.4	1.1	1.0	.3								3.4	7.6
SSE	.2	.3	1.5	.1	.2							2.8	8.1
S	.7	1.1	1.7	.5								3.5	7.6
SSW	.2	.5	1.1	2.1	.3							5.2	9.7
SW	.1	1.1	2.4	3.7	.4	.2						8.3	10.6
WSW	.1	.3	1.7	2.9	.6							5.7	11.5
W	1.7	2.7	4.1	3.7	.9							12.3	9.4
WNW	.1	1.9	3.3	1.3	.1							7.2	8.1
NW	.3	1.4	1.5	.3								4.3	6.4
NNW	.5	1.0	1.9	.4								4.4	6.6
VARBL		.3	6.7	3.2	.1	.1						10.2	10.2
CALM												3.5	
	7.3	21.3	42.7	22.9	2.8	.3						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 932

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5271	[illegible]ILDENHALL RAF [illegible]K	74-83	AUG

CLASS: ALL WEATHER

HOURS (L.S.T.): 18UT-20UT

CONDITION:

SPEED (KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.3	2.5	.6	.1							8.3	5.8
NNE	1.1	1.2	2.3									5.1	5.5
NE	.2	1.1	2.4	.7	.1							6.7	5.5
ENE	1.1	1.4	1.0	.2								4.9	5.9
E	1.2	2.1	3.2	.7								7.5	6.3
ESE	1.2	2.5	2.3	.3								5.8	6.4
SE	.2	2.1	2.2	.2								5.3	6.3
SSE	.2	1.9	1.5	.7	.1							4.3	6.6
S	1.2	1.2	2.4	.1								5.2	5.6
SSW	.4	1.5	1.5	.8								4.2	7.3
SW	.3	2.5	2.4	2.5	.1							8.1	8.7
WSW	.4	2.1	2.5	.8	.2							6.2	7.4
W	.5	2.3	4.8	1.1	.1							8.9	7.6
WNW	.3	.9	.9	1.1								2.9	8.1
NW	.5	1.8	.8	.6								3.7	6.4
NNW	.2	1.6	.5									2.3	4.7
VARBL			.4	.6								1.1	11.2
CALM												6.5	
	15.2	32.3	33.9	9.6	.8							100.3	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible]71 — STATION
[illegible]ILDENHALL RAF [illegible]K — STATION NAME
7[illegible]-8[illegible] — YEARS
AUG — MONTH
ALL WEATHER — CLASS
[illegible]00-2300 — HOURS (L.S.T.)
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	2.2	.2									[illegible].4	4.[illegible]
NNE	.[illegible]	2.3	.4									3.7	4.3
NE	1.[illegible]	2.4	1.0									5.1	4.8
ENE	1.1	1.[illegible]	.1	.[illegible]								3.3	5.1
E	2.[illegible]	3.1	1.2									6.5	4.3
ESE	.3	3.1	.5	.1								6.[illegible]	4.2
SE	3.4	4.[illegible]	.8	.1								9.2	4.3
SSE	.8	1.[illegible]	1.1	.2								3.7	5.7
S	1.[illegible]	2.4	1.1	.4								5.6	5.3
SSW	1.2	1.[illegible]	2.5	.[illegible]								6.3	6.7
SW	.8	4.2	2.[illegible]	1.4								9.2	7.2
WSW	.[illegible]	1.4	2.5	.4								4.4	7.7
W	.[illegible]	2.3	1.5	1.[illegible]								5.6	6.8
WNW	.[illegible]	1.[illegible]	.9	.4								3.0	6.1
NW	.[illegible]	1.6	.6	.1								2.7	6.[illegible]
NNW	1.[illegible]	1.5	.1									2.9	3.7
VARBL			.[illegible]	.1								.[illegible]	11.[illegible]
CALM												16.[illegible]	
	22.0	37.6	18.0	5.5								[illegible]0.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS [illegible]23[illegible]

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

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

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	2.1	.5	.3							6.4	6.1
NNE	.8	1.3	1.2	.2								3.4	5.9
NE	.8	1.4	1.3	.3	.1							3.2	6.4
ENE	.7	1.1	.9	.6								3.2	6.2
E	1.2	2.2	1.5	.3	.3							5.5	5.9
ESE	1.3	1.8	.8	.3								4.3	5.2
SE	1.2	2.1	.8	.1								4.2	4.9
SSE	.9	1.1	.8	.2	.1							2.9	5.1
S	1.2	1.9	1.6	.4	.3							5.3	6.1
SSW	.9	1.7	2.1	1.3	.2							5.9	7.9
SW	.9	2.9	2.9	2.1	.1	.1						8.7	8.3
WSW	.5	1.8	2.3	1.5	.3							6.9	8.4
W	1.2	2.6	3.3	1.9	.2							9.2	7.7
WNW	.3	1.5	1.6	.8	.1							4.5	7.3
NW	.2	1.4	1.2	.4	.1							4.5	5.3
NNW	.7	1.3	1.3	.3								4.1	6.7
VARBL	.1	.1	3.1	1.4	.1	.1						4.7	10.1
CALM												13.5	
	15.5	28.7	28.7	12.4	1.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]ATHER SERVIC /MAC

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 7[illegible]-83 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.4	.1								2.4	5.1
NNE	.4	.3	.3									1.0	5.4
NE	.6											.4	1.8
ENE	.3	.3										.6	3.2
E	.2	.3	.7	.3								2.5	5.7
ESE	1.1	1.3	1.1	.1								4.2	4.9
SE	2.3	2.6	1.2									6.1	4.5
SSE	1.7	1.4	.9	.4	.6							4.9	8.5
S	2.3	3.3	3.1	1.2								10.9	5.9
SSW	1.5	3.1	4.2	2.8	.3	.2	.1					12.5	8.5
SW	1.3	4.7	5.1	2.7	.4							14.3	7.8
WSW	1.1	2.1	2.1	2.4	.3	.1						9.4	8.8
W	.2	3.2	1.1	.6	.1							6.6	6.1
WNW	.3	1.3	.2	.3	.1	.1						3.1	7.7
NW	.7	.9	1.0	.2								3.2	6.2
NNW	1.4	.3	.2									2.6	4.2
VARBL			.1	.1	.1							.3	13.3
CALM												15.3	
	13.2	28.2	23.2	11.3	2.4	.4	.1					100.3	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0700-0900 — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.2									2.0	4.7
NNE	.2	.3		.2								.8	6.1
NE	.1	.1										.2	3.5
ENE	.4	.2	.2									.8	4.2
E	.7	1.1	.4									2.2	5.1
ESE	1.1	2.6	1.4									5.1	5.2
SE	1.2	2.4	.2									4.0	4.1
SSE	1.7	1.3	1.7	.3	.1							5.0	6.3
S	3.1	2.3	2.8	.9	.3	.1						10.0	6.4
SSW	2.3	3.7	3.4	3.1		.1						12.7	7.4
SW	2.2	4.1	5.1	2.1	.1	.2						13.9	7.3
WSW	1.0	3.7	2.4	2.4	.9	.4						10.9	9.1
W	1.0	3.6	2.4	.1	.1							7.2	6.1
WNW	.1	.7	.4	.3								1.8	6.6
NW	.1	.8	1.1	.1	.1	.2						2.3	9.1
NNW	.4	.3	1.4		.1							2.9	7.2
VARBL				.7		.1						.4	16.3
CALM												17.9	
	16.3	29.1	22.7	10.6	1.8	1.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) [illegible]-[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.4	.2								2.1	6.1
NNE	.7	.3	.2	.1								1.3	4.6
NE	.1	.1										.3	3.7
ENE	.1	.2	.4									.8	6.1
E	.1	1.1	.2									1.9	4.6
ESE	.1	1.3	1.1	.4								3.7	6.1
SE	1.1	2.3	.6	.4	.1							5.9	5.3
SSE	.3	1.9	2.1	.4								5.1	6.6
S	1.9	2.9	3.9	2.3	.2	.1						11.0	6.7
SSW	1.4	3.1	4.6	2.3	.2							12.3	7.6
SW	1.4	4.4	4.3	3.2	.2	.2						13.2	8.3
WSW	.9	3.7	3.1	2.6	.6	.2						10.5	8.6
W	.1	2.4	3.3	1.8	.7	.1						9.3	8.4
WNW	.7	.3	1.7	.3	.3							3.4	7.9
NW	.3	.1	1.2	.2	.3							2.9	8.3
NNW	.7	1.4	1.1	.1								2.7	6.6
VARBL			.2	.2	.2							.7	12.7
CALM												11.0	
	12.1	29.3	28.7	14.8	2.9	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 699

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
900-1100 — 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	.3	1.3	1.9	.6								4.1	7.6
NNE	.4	.9	.7	.2								2.2	6.3
NE	.1	.3										.8	3.3
ENE	.1	.3	.3									.7	5.3
E	.4	.3	1.2	.1								2.7	6.6
ESE	.4	1.3	1.1	.3								3.1	6.4
SE	.3	.7	1.2	.3								2.6	7.3
SSE	.5	1.1	1.4	1.4	.2							4.6	9.4
S	.7	1.4	3.1	3.1	.8	.1						9.1	10.2
SSW	.3	1.8	4.1	5.0	.3							11.9	9.5
SW	.4	1.3	4.6	3.4	.7	.3	.1					10.9	11.0
WSW	.4	1.8	5.3	4.7	1.7	.3						14.2	11.1
W	.1	1.7	3.6	3.3	1.9	.4	.1					11.8	11.3
WNW	.2	1.1	2.3	1.7	.2							6.1	9.1
NW	.4	.1	2.0	.9	.3	.1						4.7	8.9
NNW	.3	.1	1.7	.4								3.3	7.7
VARBL			3.1	.7	.2							3.9	1.0
CALM												3.4	
	7.1	18.3	37.3	26.2	6.2	1.3	.2					100.1	9.3

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5271	WILDENHALL RAF UK	70-83	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS. / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.4	1.0								4.1	7.6
NNE	.3	.6	.8	.3								1.7	6.9
NE	.3	.4	.3									1.1	5.5
ENE		.4	.1									.6	6.0
E	.3	.3	.9	.2								1.8	7.3
ESE		.4	.9	.6								1.8	8.8
SE	.3	.9	1.1	.6	.1							3.1	7.8
SSE	.3	.3	1.1	.4	.3							2.3	10.1
S	.3	.6	3.1	2.2	.4	.6						7.2	11.3
SSW	.4	1.3	3.9	5.1	.3	.4						11.6	11.1
SW	.4	1.7	3.4	5.9	.6	.4		.1				12.6	11.5
WSW	.3	1.9	3.9	4.3	1.3	.4						11.9	11.4
W	1.2	2.1	4.3	5.1	1.7	.4						14.9	11.8
WNW	.3	1.1	1.6	2.7	.6	.3						7.1	11.4
NW	.3	1.2	2.1	.7	.2							4.3	8.5
NNW	.1	.4	.8	.3								1.7	7.9
VARBL			5.2	1.9	.1	.1						8.3	9.8
CALM												3.3	
	5.4	15.8	35.8	31.2	5.7	2.7		.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	SEP

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	2.9	1.2								6.5	7.7
NNE	.1	.0	.3	.2								1.6	6.8
NE	.4	.2	.4									1.0	4.9
ENE	.2	.4	.6									1.3	5.9
E	.6	.8	1.3									2.7	6.3
ESE	.3	.9	1.6	.6								3.2	7.8
SE	.1	1.3	1.7	.1	.1							2.7	7.1
SSE	.4	1.3	2.6	.9	.1							5.3	8.1
S	1.7	1.3	3.1	.9	.8	.1						7.2	8.7
SSW	.3	1.2	3.6	3.6	.7	.7	.1					9.7	11.1
SW	.3	2.2	3.1	4.3	.4	.6						11.4	10.9
WSW	.4	1.7	3.8	4.2	1.0	.1						11.4	10.6
W	.7	4.2	5.2	5.7	1.3	.4						17.7	9.9
WNW	.3	.7	3.1	3.6	.2	.1						8.1	10.2
NW	.4	.7	1.2	.8								3.0	7.1
NNW	.3	1.1	.6	.2								2.1	6.4
VARBL			1.4	.9	.1							2.4	10.4
CALM												2.9	
	8.7	21.7	35.7	26.1	6.7	1.6	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 220

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

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

SURFACE WINDS

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

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 70-93 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 1400-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	.2	.4								4.7	5.9
NNE	.4	1.1	.3									1.9	[illegible]
NE	.3	.6	.3									1.2	3.9
ENE	1.3	.7	.4									2.4	4.1
E	1.1	2.1	.7	.1								3.9	5.1
ESE	.7	1.9	.9	.2								3.7	5.6
SE	.2	4.4	1.1	.3								6.9	5.4
SSE	1.3	3.3	1.3	.4	.1							6.6	5.9
S	1.2	3.4	3.3	.7	.2	.1						9.7	6.7
SSW	1.1	2.4	3.1	1.0		.1	.1					7.8	8.8
SW	.2	2.4	3.1	2.7	.4	.6	.1					10.1	9.9
WSW	.5	2.7	2.9	1.1	.6							6.4	8.2
W	1.7	3.9	3.4	1.0	.2							10.2	6.7
WNW	.3	.3	1.9	.9	.4	.1						4.6	9.7
NW	.6	1.2	1.[illegible]	.7	.1							3.1	6.6
NNW	.4	1.1	.6	.3								2.6	5.6
VARBL			.1	.4	.1							.7	14.5
CALM												9.8	
	19.1	33.8	25.1	12.9	2.2	.9	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 7[illegible]-8[illegible] (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.3									2.3	4.9
NNE	.3	.6	.2									1.2	4.5
NE	.3	.2	.7	.2								1.6	5.6
ENE	.3	.1	.1									.5	5.9
E	1.4	.7	.4									2.5	4.4
ESE	1.3	2.9	.9	.2								5.6	4.5
SE	1.7	3.3	1.1	.2								6.3	5.2
SSE	1.5	3.7	1.7	.9								8.6	5.8
S	2.7	3.7	3.4	1.1	.7	.1						11.7	7.1
SSW	2.2	3.2	3.8	3.9	.1							12.2	8.7
SW	1.4	2.3	3.7	3.7	.6	.1	.2					12.8	9.1
WSW	1.2	2.1	2.3	2.3	.3	.3						9.8	8.9
W	.7	1.1	1.9	.6								6.2	6.6
WNW	.9	1.6	1.4	.4	.2							4.1	7.9
NW	.3	.7	.6	.7								2.4	7.3
NNW	.4	.9	.8	.1								2.3	5.5
VARBL													
CALM												15.3	
	17.8	30.7	22.8	13.8	1.9	.6	.2					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[illegible]0

USAFETAC FORM JUL 66 0-R-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SURFACE WINDS

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

[illegible] (STATION) ILDENHALL RAF UK (STATION NAME) 7[illegible]-63 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	1.1	.4								3.5	6.[illegible]
NNE	.4	.6	.4	.1								1.[illegible]	5.9
NE	.3	.3	.2	.1								.9	4.5
ENE	.5	.3	.3									1.3	4.7
E	.1	1.1	.1	.1								2.6	5.6
ESE	.1	1.4	1.1	.3								3.3	5.3
SE	.2	2.3	.9	.3	.1							4.7	5.5
SSE	1.1	1.1	1.4	.1	.1							5.2	7.1
S	1.1	2.4	3.2	1.6	.4	.1						9.6	7.9
SSW	1.3	2.4	3.8	3.6	.3	.1	.1					11.6	7.1
SW	1.2	2.1	4.1	3.4	.4	.3	.1	.1				12.2	9.3
WSW	.3	2.1	3.3	3.1	.9	.3						10.9	9.8
W	1.3	3.1	3.2	2.2	.3	.1	.1					11.4	8.8
WNW	.4	1.2	1.6	1.3	.3	.1						4.8	9.1
NW	.4	.3	1.3	.4	.1	.1						3.3	7.8
NNW	.2	.8	1.1	.2	.1							2.5	6.5
VARBL			1.4	.6	.1	.1						2.1	10.5
CALM												9.7	
	12.1	25.1	28.8	18.3	3.5	1.2	.1	.1				100.[illegible]	7.9

TOTAL NUMBER OF OBSERVATIONS 7199

USAFETAC FORM [illegible] 9-1 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
3771	MILDENHALL RAF UK	76-83	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 000-3200

CONDITION:

SPEED KNTS. / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.8	.3								2.3	6.1
NNE	.3	1.1	.2									1.5	4.8
NE	.1	.9	.8									2.1	5.4
ENE	.6	1.1	.4									1.7	5.2
E	1.5	1.1	.5									3.1	4.1
ESE	.9	2.1	1.3									5.2	5.1
SE	1.2	3.2	1.4	.1								6.3	5.1
SSE	1.4	3.3	1.1	.3								6.5	5.3
S	1.7	2.3	3.7	1.6	.1							9.9	7.3
SSW	1.9	2.3	2.5	1.4	.2							8.3	7.2
SW	.8	4.1	4.3	2.2	.5							11.7	8.4
WSW	.2	1.7	3.1	2.4	.3	.2						8.4	9.4
W	1.1	1.9	1.8	1.5	.3	.1						6.8	8.3
WNW	.4	1.3	.5	1.1	.2							3.5	6.5
NW	.1	.4	1.4	.9	.2							3.2	9.2
NNW	.3	.7	1.9	.9	.1							4.0	8.5
VARBL			.2	.3	.1							.6	13.0
CALM												14.7	
	13.9	31.5	25.6	12.8	2.3	.3						100.3	6.2

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: MILDENHALL RAF UK YEARS: 74-83 MONTH: OCT

CLASS: ALL WEATHER HOURS (L.S.T.): 0700-0500

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	.7	1.7	.1	.2							2.7	7.5
NNE	.7	1.5	.3									2.7	4.2
NE		.8	.7	.1								1.3	7.1
ENE	.2	.6	.4	.2								1.6	6.5
E	1.1	.1	.2									2.6	3.6
ESE	1.3	2.3	1.6	.1								6.1	5.3
SE	1.9	2.7	1.2	.6								5.9	5.6
SSE	1.4	2.3	2.7	.2								6.0	5.7
S	1.4	3.6	3.1	1.3	.3							9.6	7.3
SSW	.1	2.1	2.9	1.7	.2							7.9	7.9
SW	1.9	4.1	2.9	2.3								10.5	7.4
WSW	.3	2.1	3.9	2.5	.1							9.3	8.5
W	.1	1.4	2.4	2.4	.4	.2						7.9	9.4
WNW	.3	1.1	.9	.5	.3							3.2	6.3
NW	.1	1.7	1.3	.2	.2							3.2	7.5
NNW	.4	1.1	.9	.8	.2							3.3	6.1
VARBL				.3	.1							.3	13.6
CALM												16.5	
	14.5	27.9	25.5	13.3	2.2	.3						100.7	6.7

TOTAL NUMBER OF OBSERVATIONS 929

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — MILDENHALL RAF UK — 74-83 — OCT
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0700-0800
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	.6	.3	.3							3.3	6.7
NNE	.1	.5	.5									1.2	6.2
NE	.1	.1	.3									1.1	4.3
ENE	.2	.7	.3	.1	.1	.1						1.7	7.8
E	1.3	1.1	.5	.1								2.9	4.8
ESE	1.4	2.6	1.2	.6								6.2	5.7
SE	.9	2.7	1.2	.1								4.5	5.7
SSE	1.3	2.4	1.9	.9	.1							7.1	6.3
S	1.2	4.1	3.3	1.7	.4	.1						11.7	7.3
SSW	1.7	1.9	2.3	1.9	.5							8.3	5.3
SW	1.1	2.1	3.3	3.1	.2							9.8	8.7
WSW	1.4	2.3	3.9	1.6								9.4	7.5
W	1.4	2.7	3.1	2.3	.5							9.9	8.2
WNW	.3	1.1	.5	.6	.3							2.8	8.9
NW	.1	.8	1.7	.4	.1							3.7	8.7
NNW	.5	1.1	.9	.4		.1						2.9	7.0
VARBL			.1	.1	.2							.4	14.8
CALM												13.2	
	16.2	27.8	25.8	16.4	2.9	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] — STATION
MILDENHALL RAF UK — STATION NAME
74-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	2.6	.6	.1							5.3	7.6
NNE		.1	.1	.4								1.1	9.5
NE	.1	.3	.9	.2								1.6	7.7
ENE	.1	.4	.3	.1	.1							1.6	7.9
E	.2	.5	.9	.2								1.8	6.8
ESE	.5	1.3	1.9	.5	.1							4.4	7.6
SE	.3	1.6	3.1	1.2	.1							6.3	8.2
SSE	.2	1.2	2.9	1.3	.1							6.1	8.4
S	.4	2.9	3.8	3.4	.2	.1						10.9	9.2
SSW	.4	1.9	2.1	2.3	.8							7.4	9.8
SW	.8	.9	3.9	4.1	1.3	.4						11.2	11.5
WSW	.5	1.1	4.1	2.3	1.1	.2						9.1	10.8
W	1.1	1.7	3.3	2.9	.8	.1						10.1	9.6
WNW	.3	.6	.9	2.5	.2	.2						4.7	11.2
NW	.5	1.3	1.5	1.8	.2	.1						5.5	9.4
NNW	.3	1.4	1.6	1.5	.2	.1						5.1	9.3
VARBL			.5	1.1	.2							1.7	12.5
CALM												6.1	
	7.4	18.5	35.1	26.2	5.5	1.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 78-83 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.3	1.6								5.8	8.5
NNE		.1	1.2	.5								1.9	9.6
NE	.1	.7	.4	.1	.2							1.1	1.3
ENE		.3	.8	.2								1.3	8.2
E	.1	1.1	1.6	.2								3.7	7.4
ESE	.1	.6	1.5	1.0	.1							3.7	9.2
SE	.1	1.5	1.6	1.7	.1							5.4	8.9
SSE	.1	1.3	2.7	2.2								6.6	9.7
S	.1	2.7	3.9	2.7	.2	.1						10.2	9.9
SSW	.1	1.2	3.1	1.9	.3	.4						7.6	10.8
SW	.3	.8	2.2	5.4	.9	.2						10.1	11.7
WSW	.1	1.2	2.6	3.1	1.7	1.1						9.6	12.3
W	.1	1.2	1.9	3.4	1.3	.3						9.3	11.0
WNW	.6	1.1	1.7	2.8	.8	.1						7.1	10.9
NW	.1	1.1	1.4	2.2	.5							5.5	10.2
NNW	.2	1.9	1.3	2.3	.3	.2						6.3	9.6
VARBL			1.5	1.5	.3							3.3	11.9
CALM												2.5	
	4.3	17.7	31.6	32.8	6.7	2.4						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5271	MILDENHALL RAF UK	74-82	OCT

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	2.5	1.5	.2							8.1	7.4
NNE	1.0	.3	.9	.7								2.9	6.1
NE	.1	.2	.5									.9	6.1
ENE	.3	.9	.5	.7								1.8	6.4
E	.9	1.2	1.1	.2								3.3	5.7
ESE	.9	1.4	1.2	.5								3.7	6.8
SE	.9	1.3	2.6	1.2								5.8	7.7
SSE	.9	2.3	2.4	1.1	.2							6.7	7.2
S	1.1	4.2	3.5	2.5	.1	.2						11.6	7.8
SSW	.9	1.4	2.8	2.4	.1							7.7	8.8
SW	.3	1.6	2.1	3.1	.3	.1						7.5	10.5
WSW	.4	1.7	2.5	2.6	1.0	.1						8.3	10.2
W	.4	2.9	3.4	2.0	.8	.1						9.5	9.5
WNW	.1	.1	2.2	1.9	.3	.2						6.2	10.1
NW	.4	1.2	1.6	1.1	.2							4.5	8.6
NNW	.4	1.2	1.2	.9	.1							4.0	7.7
VARBL			.1	1.3	.5							2.2	14.4
CALM												5.7	
	11.5	25.2	31.2	22.7	3.9	.8						100.3	8.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1571	MILDENHALL RAF UK	74-83	OCT

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

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.3	.2								4.4	5.8
NNE	.4	.7	.2									1.4	4.3
NE	.7	1.1	.1									1.6	5.2
ENE	.4	1.2	.1									1.7	4.6
E	1.4	1.5	.4									3.3	4.2
ESE	1.3	2.1	1.6	.3								6.7	5.6
SE	.9	2.8	1.9	.4	.2	.1						6.3	6.9
SSE	1.5	3.1	1.4	.8								6.8	6.0
S	1.7	4.7	4.1	1.8	.1							12.3	7.0
SSW	1.1	1.1	1.9	2.7	.3	.1						7.0	9.5
SW	1.1	2.7	2.8	2.7		.4						9.7	8.4
WSW	.6	1.8	2.1	3.1	.2							7.6	9.5
W	1.3	2.8	3.1	1.1	.2							8.6	6.9
WNW	.5	.9	1.1	1.6								4.2	8.4
NW	.2	1.1	1.3	.5								3.4	7.1
NNW	.9	.9	1.2	1.1								3.5	7.4
VARBL			.3	.3	.2							.8	13.6
CALM												11.5	
	15.2	31.6	28.9	15.9	1.2	.6						100.3	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0100-2300 — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	.4									1.9	5.2
NNE	.3	1.1	.3									1.7	5.2
NE	.3	.3	.4									1.0	5.2
ENE	.4	.7	.3	.1								1.7	5.4
E	.2	1.4	.7									2.5	4.3
ESE	1.3	2.7	1.2									5.4	4.9
SE	1.7	2.1	1.4	.3	.1							5.6	5.5
SSE	.3	2.3	1.3	.4	.4							5.2	7.7
S	2.6	4.5	3.0	2.0								12.2	6.5
SSW	1.1	2.5	3.2	1.8	.1							9.1	7.3
SW	.2	4.2	3.7	1.8	.4	.2	.1					11.3	8.2
WSW	.4	1.4	3.2	3.1	.2	.2						8.8	9.9
W	.6	1.3	1.3	2.1	.2	.1						5.6	9.2
WNW	.5	1.2	1.6	.3	.1							3.8	7.3
NW	.4	.6	1.3	1.4								3.8	8.7
NNW	.3	1.2	1.6	.9								4.0	7.8
VARBL			.2	.3	.2							.3	12.7
CALM												14.7	
	12.3	32.1	24.7	14.6	1.8	.5	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
03771	MILDENHALL RAF UK	74-83	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 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	1.5	1.4	.6	.1							4.2	7.1
NNE	.2	.7	.5	.2								1.7	6.2
NE	.5	.6	.5	.1	.1							1.9	6.3
ENE	.3	.9	.5	.1	.1	.1						1.7	6.4
E	1.0	1.1	.7	.1								2.9	5.1
ESE	1.1	2.2	1.5	.4	.1							5.1	6.1
SE	1.1	2.2	1.8	.7	.1	.1						5.8	6.7
SSE	1.1	2.3	2.1	.9	.1							6.4	6.9
S	1.2	3.7	3.5	2.1	.2	.1						11.1	7.6
SSW	1.1	1.9	2.6	2.0	.4	.1						7.9	8.7
SW	.2	2.5	3.1	3.0	.5	.2	.0					10.1	9.3
WSW	.7	1.7	3.1	2.6	.5	.2						8.8	9.8
W	1.1	1.3	2.5	2.2	.6	.1						8.4	9.0
WNW	.5	1.3	1.2	1.4	.3	.1						4.4	9.5
NW	.4	.7	1.4	1.1	.2	.0						4.7	8.8
NNW	.4	1.2	1.3	1.1	.1	.1						4.1	8.4
VARBL			.4	.6	.2							1.3	13.1
CALM												10.6	
	12.2	25.9	28.1	19.1	3.3	.8	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7839

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

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

SURFACE WINDS

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

[illegible] MILDENHALL RAF [illegible]K — STATION / STATION NAME
74-83 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.3	.2	.1							2.[illegible]	5.3
NNE	.1	.6	.2									1.2	[illegible]
NE	.1	.3	.1									.9	5.1
ENE	.1	.2	1.1	.2								2.2	7.[illegible]
E	.1	.3	.4	.2		.1						2.1	6.9
ESE	.0	.2	.3	.1								1.7	5.3
SE	.3	1.3	.9	1.2								4.2	7.8
SSE	.4	2.1	1.2	.2	.1							4.1	6.6
S	.7	2.4	4.[illegible]	2.1	.4							9.7	8.5
SSW	.8	3.4	3.6	4.[illegible]	.9							12.7	9.4
SW	.7	3.4	4.4	6.[illegible]	1.3	.6	.1					17.1	11.0
WSW	.4	1.9	4.2	3.7	.9	.2	.1					11.8	10.2
W	.2	2.4	2.9	1.1	.6	.3						8.1	9.8
WNW	1.1	.9	1.6	.8								4.3	6.3
NW	.1	.2	.8	1.0	.2							2.3	9.4
NNW	1.1	.2	.3	.2	.2							2.3	7.6
VARBL				.1	.1							.2	15.5
CALM												1.3	
	[illegible].1	23.7	26.3	21.7	5.4	1.2	.2					100.[illegible]	7.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	.8	.1								2.8	5.3
NNE	.1	.2	.3	.3								1.0	8.9
NE	.7	1.0										1.3	4.7
ENE	.2	.1	.9	.1								1.3	7.3
E	1.1	1.2	.1	.1	.1	.2						2.3	6.4
ESE	.2	1.1	.3	.4								2.4	6.2
SE	1.1	.2	.7	.6								3.2	6.2
SSE	.7	2.4	1.1	.3	.2	.1						4.8	6.9
S	1.2	2.8	3.9	1.6	.8							10.9	7.8
SSW	1.6	2.2	2.8	4.7	.4	.2						11.9	10.0
SW	.5	2.1	4.7	5.6	1.4	.3						14.6	11.2
WSW	.7	2.3	3.2	3.4	1.2	.3						11.2	10.6
W	1.1	2.1	2.2	2.4	.7	.6						9.1	10.0
WNW		1.1	.9	.4	.1	.1						2.7	8.9
NW	.4	1.1	.7	1.3								3.6	8.5
NNW	.7	1.1	.9	1.1	.2							3.9	8.2
VARBL			.3		.1							.3	11.7
CALM												12.0	
	11.3	23.8	23.6	22.8	5.3	1.9						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: ILDENHALL RAF [illegible]K
YEARS: 70-83
MONTH: NOV
CLASS: ALL WEATHER
HOURS (L.S.T.): [illegible]-2600
CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.0	.2									2.[illegible]	4.4
NNE	.[illegible]	.2	.7									.7	5.[illegible]
NE	.[illegible]	1.[illegible]	.1	.1								2.3	4.7
ENE	.[illegible]	.4	.4	.3								1.4	7.6
E	.[illegible]	.[illegible]	.3	.1		.3						1.8	9.1
ESE	.[illegible]	1.2	1.1	.6								3.4	7.[illegible]
SE	.[illegible]	2.3	1.1	.3								4.7	5.8
SSE	.[illegible]	1.[illegible]	.7	.7								3.8	6.6
S	1.2	2.[illegible]	2.4	2.7	.3	.1						9.7	8.4
SSW	.[illegible]	1.6	4.8	4.7	1.4	.4						12.7	11.1
SW	.[illegible]	1.3	4.1	4.6	.6	.3						13.6	10.2
WSW	.[illegible]	2.7	3.1	3.6	.8	.1						10.9	9.5
W	.[illegible]	1.7	2.6	2.9	1.2	.4						9.7	10.7
WNW	.8	.7	1.7	.9	.1							3.7	7.5
NW	.2	.7	.8	1.3	.1							2.9	9.3
NNW	.4	1.4	1.7	1.1								4.7	8.1
VARBL			.3	.6	.2							1.1	13.0
CALM												10.2	
	1.4	23.1	26.3	23.8	4.9	1.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.1	.2	.2								1.3	5.9
NNE	.2	.4	.3	.1								1.2	5.6
NE	.[illegible]	1.1	.7									1.8	5.[illegible]
ENE	.2	.4	.6	.4	.1							2.1	7.3
E	.3	.2	1.1	.3								2.0	7.2
ESE	.1	.4	1.1	.3								2.2	7.7
SE	.4	1.2	1.9	1.2	.1							4.9	8.7
SSE	.2	1.1	1.2	.6								4.1	7.7
S	.2	2.5	3.3	2.1	.2	.2						9.8	9.3
SSW	.1	.3	3.1	4.8	1.2	.1						9.6	11.3
SW	1.2	.2	2.4	7.3	1.6	.3						14.3	11.3
WSW	.4	1.8	3.1	5.1	1.2	.4						11.3	11.4
W	1.1	1.4	2.3	2.4	1.4	.9						9.4	11.4
WNW	.5	.3	1.4	2.0	.3							4.7	1[illegible].6
NW	.2	.3	1.8	2.1	.1							5.[illegible]	1[illegible].1
NNW	.2	1.2	2.3	1.2	.2							5.6	6.7
VARBL			.2	.8	.2	.1						1.3	1[illegible]
CALM												6.7	
	7.3	16.8	28.6	30.9	7.8	2.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] — [illegible]ILDENHALL RAF [illegible]K — 74-6[illegible] — NO[illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1[illegible]-14[illegible]
CLASS — HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.2	.4	.6								.1	6.5
NNE	[illegible]	.7	.8									1.7	6.1
NE	[illegible]	.6	.7									.1	[illegible]
ENE	.4	.7	.1	.7	.1	.2						3.1	9.2
E	[illegible]	1.1	.9	.2								2.5	9.[illegible]
ESE	[illegible]	.2	.8	.4								1.5	8.4
SE	.1	.7	1.1	1.2								3.1	9.9
SSE	[illegible]	1.1	1.3	1.6	.1							4.2	9.8
S	.1	1.7	2.1	2.1	.3	.1						6.3	9.8
SSW	.1	.7	4.3	4.4	1.9	.5						12.3	12.8
SW	.1	1.7	2.9	5.6	1.1	.7						11.[illegible]	12.3
WSW	.2	.7	2.7	5.2	2.6	.9						12.2	13.5
W	.2	2.4	1.4	4.8	1.2	.4						11.2	11.1
WNW	.3	.1	1.7	2.2	1.7							5.2	11.6
NW	.1	1.2	2.1	2.4	.6							6.8	10.4
NNW	.1	1.7	1.3	2.6	.8							6.2	10.3
VARBL			.6	1.2	.3	.1						2.2	14.3
CALM												[illegible]	
	1.2	16.9	24.9	35.7	9.3	3.2						1[illegible].2	1[illegible].5

TOTAL NUMBER OF OBSERVATIONS 9[illegible]8

USAFETAC FORM 7-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

CL PAL CLIMATOLOGY BRANCH
ETAC
A FEATHER SERVICE/MAC

SURFACE WINDS

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

71 ILDENHALL RAF UK — STATION / STATION NAME
74-6 — YEARS
NOV — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.3	.3	.2	.1						3.6	7.7
NNE	.2	.9	.8	.1								2.4	5.5
NE	.2	.2	.2									1.6	5.1
ENE	.2	.1	.4	.3								2.2	6.3
E	.4	1.1	.3	.7								2.9	7.1
ESE	.2	.2	.2	.1								1.7	6.3
SE	.4	1.2	.7	1.0								3.3	8.2
SSE	.3	1.6	1.6	1.1	.3							5.1	8.3
S	.2	1.2	2.7	2.3	.1	.2						9.1	8.4
SSW	.7	1.6	3.1	3.8	.4	.3						10.1	10.5
SW	.1	1.4	4.2	5.7	.8	.4						12.2	11.1
WSW	.2	.7	2.7	4.3	1.6	.3						10.4	11.7
W	.3	2.6	3.6	2.6	.4	.1	.1					10.1	9.4
WNW	.2	1.3	2.1	1.9	.3	.1						6.7	9.1
NW	.2	1.7	1.9	1.6	.3							6.2	8.5
NNW	.2	1.3	1.2	.9	.2							4.2	8.3
VARBL			.4	.7	.1							1.2	11.6
CALM												6.9	
	5.1	22.0	28.1	26.7	5.2	2.1	.1					100.2	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible] [illegible]ILDENHALL RAF[illegible] K — STATION / STATION NAME
74-[illegible] — YEARS
NOV — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	.6	.7	.3							3.7	7.1
NNE	.1	.7	.7	.2								1.3	6.3
NE		.9	.3									1.1	5.9
ENE	.	1.1	.9	.3								2.4	7.7
E	.4	.3	.4	.1	.2							2.0	7.0
ESE	.4	1.3	.2	.3								2.3	6.1
SE	.6	1.2	.8	.7								3.2	7.2
SSE	.2	1.9	1.6	.8	.2							5.3	7.3
S	1.1	4.1	2.6	2.7	.3							10.8	8.1
SSW	.4	1.3	4.1	4.1	.6	.2	.1					11.3	10.3
SW	.4	2.1	2.7	5.2	1.3	.7						12.4	11.8
WSW	.7	1.4	3.1	2.9	.2	.1						8.4	9.6
W	.2	2.8	3.1	3.3	1.2	.6						11.9	10.2
WNW	.9	1.1	2.7	1.2								5.1	7.9
NW	.3	1.3	1.4	.8	.3							4.7	7.6
NNW	.9	1.4	.8	.7	.3							4.1	7.3
VARBL			.3	.4	.1							.9	12.5
CALM												9.1	
	8.9	26.7	25.2	24.0	5.1	1.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 950

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]71	MILDENHALL RAF UK	74-63	NOV

CLASS: ALL WEATHER

HOURS (L.S.T.): 2100-2302

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	.3	.3								3.0	5.5
NNE	.3	.2										1.2	4.[illegible]
NE	.4	1.2	.6	.1								2.3	5.4
ENE	.4	.3	.8	.7	.1							2.[illegible]	7.9
E	.5	.7	.3	.1								1.7	5.3
ESE	.2	.2	.4									1.0	5.5
SE	.3	1.6	.7	1.1	.2							3.7	8.1
SSE	.2	1.4	1.6	.4	.1							4.3	6.9
S	1.1	3.1	2.2	1.9	.3							9.3	7.8
SSW	1.1	2.6	3.9	4.1	1.7		.1					12.8	9.9
SW	.1	2.3	4.1	4.9	1.1	.7	.1					13.4	11.4
WSW	.7	1.4	3.1	3.8	.9	.1	.1					10.3	10.6
W	1.1	3.0	3.2	2.6	.9	.3						11.1	9.4
WNW	.2	1.7	.9	1.1	.3							4.8	7.9
NW	.4	1.4	1.1	1.0								3.9	7.7
NNW	1.1	.1	.6	.9	.1							3.3	7.6
VARBL				.4	.3							.8	15.7
CALM												10.6	
	1.3	24.6	24.3	23.1	5.8	1.1	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible]71 MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.5	.2	.1	.1						2.9	6.1
NNE	.1	.6	.4	.1								1.3	5.9
NE	.1	1.1	.3	.1								1.3	5.2
ENE	.1	.9	.8	.3	.1	.						2.1	8.4
E	.1	.9	.5	.3	.1	.1						2.3	7.2
ESE	.4	.9	.6	.3	.1							2.1	6.5
SE	.1	1.3	1.1	.9	.1							3.3	7.6
SSE	.5	1.7	1.3	.7	.1	.						4.5	7.5
S	.1	2.8	3.1	2.2	.4	.1						9.4	8.4
SSW	.1	1.9	3.6	4.2	.9	.3	.1					11.1	10.7
SW	.1	1.8	4.1	5.5	1.2	.5	.1					13.7	11.3
WSW	.1	1.9	3.1	4.0	1.2	.3	.1					10.8	11.1
W	.1	2.3	2.7	2.9	1.1	.4	.1					10.1	10.2
WNW	.1	1.1	1.4	1.3	.3	.1						4.7	8.9
NW	.1	1.1	1.3	1.4	.2							4.4	9.1
NNW	.1	1.2	1.1	1.1	.3							4.5	8.4
VARBL			.3	.5	.2	.						1.1	13.4
CALM												9.1	
	9.1	22.1	25.9	26.0	6.1	1.8	.1					100.3	8.6

TOTAL NUMBER OF OBSERVATIONS 7200

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

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS)

YEARS

SPEED KNTS D-B	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	.4	.1						[illegible]	[illegible]
NNE	.1	.1	.1								[illegible]	[illegible]
NE		.1	.5	.1							[illegible]	[illegible]
ENE	.1	.4	.4	.1		.1					[illegible]	[illegible]
E	.1	.1	.5	1.1		.1					[illegible]	[illegible]
ESE	.1	1.1	2.7	.3	.1	.1					[illegible]	[illegible]
SE	.1	1.1	1.5	1.1	.1	.1					[illegible]	[illegible]
SSE	.5	.9	1.2	1.4	.3						[illegible]	[illegible]
S	.4	1.9	2.1	2.2	.4						[illegible]	[illegible]
SSW	1.7	1.5	3.7	1.9	.9	.1					[illegible]	[illegible]
SW	1.3	2.1	5.6	4.9	2.3	.1	.1	.1			[illegible]	[illegible]
WSW	1.3	1.9	3.7	4.5	1.1						[illegible]	[illegible]
W	1.1	2.3	2.9	2.8	.9	.1					[illegible]	[illegible]
WNW	.1	1.3	1.3	.9	.4	.1					[illegible]	[illegible]
NW	.1	.1	1.6	1.6	.1						[illegible]	[illegible]
NNW	.1	1.3	1.9	.3	.1						[illegible]	[illegible]
VARBL			.1	.3							.4	[illegible]
CALM											[illegible]	
	[illegible]	15.8	29.8	26.1	6.3	1.1	.1	.1			[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible]TLEENHALL RAF [illegible]K
YEARS: 77-82
MONTH: DEC
CLASS: ALL WEATHER
HOURS (L.S.T.): 0300-0500
CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.4	.6								2.3	6.7
NNE	.1	.6	.5									1.7	4.8
NE	.1	1.7	.2									1.1	4.1
ENE	.1		.2	.2		.1						.9	8.6
E	.1	.9	1.1	.4	.1							3.3	7.7
ESE	.1	1.2	1.9	.6								4.5	7.1
SE	.1	.7	1.9	1.2	.1							4.7	8.8
SSE	.5	.5	.9	1.5	.5	.1						3.9	11.1
S	1.1	1.1	2.8	2.6	.1	.1						8.0	8.8
SSW	1.5	1.8	2.2	2.1	.6							8.8	8.8
SW	1.7	3.1	5.8	6.0	1.7	.9		.1	.1			19.6	10.9
WSW	.7	1.5	4.1	4.0	.6				.1			11.4	10.2
W	.9	1.1	2.2	3.7	.5							8.8	9.5
WNW	.1	.1	1.0	.5	.1	.1	.1					2.8	10.8
NW	.1	.8	.5	1.6								3.7	8.5
NNW	.1	.5	1.3	.5	.1							2.9	7.9
VARBL			.1	.5	.1							.9	12.1
CALM												10.3	
	11.3	18.1	27.1	26.8	5.1	1.3	.1	.1	.2			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15271 (STATION) MILDENHALL RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED KNTS. / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.0	.3		.2						2.9	8.2
NNE	.2	1.0	.3	.1								1.5	5.8
NE	.3	.3	.5									1.7	5.3
ENE	.4	.3	.5	.2								1.6	5.5
E	.4	.5	.3	.9								2.2	8.3
ESE	.4	1.1	1.5	.8	.1							4.1	7.8
SE	.4	.4	1.8	1.3	.3							4.8	9.3
SSE	.1	1.2	1.1	1.1	.4	.2						4.3	10.1
S	.3	1.3	2.8	2.3	.6	.1						8.1	9.7
SSW	.4	2.1	2.2	3.5	.5							8.9	9.6
SW	1.4	3.3	5.6	4.8	1.4	1.1						17.6	10.4
WSW	1.1	1.4	5.2	4.1	.5	.2	.1					12.6	10.1
W	1.0	1.3	3.1	3.7	.4	.2						9.6	10.3
WNW	.9	.4	1.2	.6	.3	.1						3.5	8.8
NW	.1	.3	1.0	.9	.2							2.9	9.2
NNW	.4	.5	1.4	.4								2.8	7.7
VARBL			.2	.4		.1						.3	14.4
CALM												10.1	
	6.9	17.7	29.6	25.8	8.9	2.3	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 93

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

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

SURFACE WINDS

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

[illegible] WILDENHALL RAF UK — STATION / STATION NAME
72-82 — YEARS
DEC — MONTH

ALL WEATHER — CLASS
[illegible]-1100 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.0	.5	.2							3.2	[illegible]
NNE	.1	.5	.3	.1		.1						1.3	7.7
NE		.7	.3	.1								1.4	6.[illegible]
ENE	.2	.7	.3	.4								1.7	7.5
E	.3	.7	.5	1.0								2.5	8.7
ESE	.2	.3	.9	1.2	.2							3.8	8.4
SE	.1	1.1	2.2	1.3	.1							5.4	9.0
SSE	.3	.6	1.5	1.5	.3							4.3	10.2
S	.4	1.1	1.8	1.8	.5	.4						6.1	10.7
SSW	1.2	1.4	2.8	3.3	.6							9.4	9.7
SW	.9	1.7	4.9	5.4	1.3	.6						14.7	11.2
WSW	1.0	1.1	4.2	5.3	1.9	.8						15.1	11.2
W	1.3	1.7	2.8	4.4	1.0	.1						11.0	10.4
WNW	.3	.5	1.5	.6	.3	.1						3.4	9.3
NW	.3	.6	1.6	.8	.2							3.5	9.1
NNW	.6	.3	1.8	.5	.1							3.7	7.7
VARBL			.3	1.1	.3	.4						[illegible].2	15.6
CALM												7.4	
	7.5	17.1	28.8	29.4	7.2	2.6						1[illegible]1.0	9.3

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

USAFETAC FORM JUL 68 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 15771 STATION NAME: MILDENHALL RAF UK YEARS: 70-82 MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.7	.9	1.1	.3							4.4	9.5
NNE	.2	.5	.4	.1								1.3	6.7
NE	.2	.1	.6									1.0	7.0
ENE	.2	.9	.6	.5								2.2	7.7
E	.3	.3	1.7	1.1								4.2	8.4
ESE	.4	.4	1.1	.9	.2							3.0	9.4
SE	.2	.5	.9	2.3	.3							4.2	10.7
SSE	.2	1.1	1.6	1.5	.3							4.6	9.6
S	.1	.4	1.9	1.7	.3	.3						5.0	12.2
SSW	.2	.5	1.9	2.3	1.7							6.8	12.2
SW	.9	2.7	3.9	4.5	1.3	.3	.2					14.0	11.3
WSW	.3	1.5	5.1	4.8	1.8	.8						14.8	11.5
W	1.1	2.3	3.0	8.3	1.3	.6						16.6	11.6
WNW	.3	1.2	1.4	1.0	.1	.2						4.2	8.9
NW	.3	.9	2.1	.8	.5	.1						4.6	11.0
NNW	.5	.6	1.4	1.3								3.9	8.9
VARBL			.2	1.3	.2	.1						1.8	14.9
CALM												3.4	
	6.6	16.1	28.5	33.3	8.5	3.3	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 5771 — STATION NAME: MILDENHALL RAF UK — YEARS: 72-82 — MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.2	.8	.1							3.8	7.5
NNE		.3										.3	4.8
NE		.1	.3									.8	6.1
ENE	.1	.6	1.0	.2								1.9	7.3
E	.1	1.1	1.5	1.0	.1							4.2	8.4
ESE	.1	.3	.9	1.1								2.9	8.7
SE	.1	.9	1.6	1.5	.3							4.4	10.3
SSE	.4	1.4	1.8	1.1	.2							5.5	9.3
S	1.1	1.0	1.9	1.5	.2	.3						6.3	8.7
SSW	.3	1.9	2.2	3.1	.2	.2						8.4	9.6
SW	.5	3.1	4.1	5.2	.5	.6						14.2	10.0
WSW	.1	2.5	4.0	3.3	1.1	.3	.2					13.4	10.2
W	1.2	1.3	3.9	4.7	.5	.1						12.3	9.9
WNW	.3	1.1	1.1	1.3	.4	.1						4.4	10.0
NW	.4	.4	1.4	.5								3.2	7.3
NNW	.9	1.2	2.7	1.0		.2						5.9	8.1
VARBL			.4	1.5	.1							2.0	12.6
CALM												5.3	
	8.5	21.1	30.9	27.7	4.9	1.9	.2					100.2	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15571	MILDENHALL RAF UK	72-82	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 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	.2	1.0	.6	.3								3.1	6.5
NNE	.1	.4	.3									1.3	4.5
NE	.1	.7		.3								1.3	6.5
ENE	.1	.3	.3	.1								1.2	6.3
E	.2	.3	1.1	1.5								4.1	8.3
ESE	.3	.6	1.5	.6								3.5	7.3
SE	.2	1.4	1.7	1.7	.1	.1						5.3	9.1
SSE	.4	1.1	2.3	1.7	.4	.1						5.7	9.8
S	.3	1.8	1.7	2.2	.5	.2						7.3	10.0
SSW	.4	1.8	2.6	3.4	.9	.2						9.6	10.5
SW	1.1	4.3	5.6	4.2	.9							15.9	9.3
WSW	.2	3.3	4.3	2.9	.8	.6	.2					13.4	9.9
W	.4	1.4	4.1	2.7	.8	.1						9.5	10.2
WNW		.4	.2	1.4	.3	.1						2.5	12.4
NW		1.3	1.2	1.0								3.7	8.1
NNW	1.1	1.2	1.7	1.3								5.2	7.7
VARBL			.6	.4	.1							1.2	11.5
CALM												6.7	
	8.1	23.5	29.6	25.8	4.6	1.5	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
72	WILDENHALL RAF UK	72-82	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 0100-2300

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	.7		.1							2.5	5.7
NNE		.5	.5									1.1	5.6
NE	.7	.4	.2	.1								1.1	5.7
ENE	.7	.4	.5	.3								1.5	7.1
E	1.4	.8	.9	.9	.7							4.1	7.3
ESE	.4	1.1	1.8	1.0								4.3	7.9
SE	.6	1.1	1.6	1.7		.2	.1					5.3	9.9
SSE	.5	1.0	.9	1.8								4.3	8.7
S	.7	1.3	3.0	1.8	.4	.1						7.2	9.7
SSW	.3	1.9	3.4	2.9	.9	.4	.1					10.2	10.5
SW	1.3	3.0	4.6	5.1	1.3	.2						15.7	9.8
WSW	.6	3.1	4.2	3.0	1.0	.1						12.0	9.4
W	.8	1.7	2.9	2.5	1.3	.2						9.4	10.3
WNW	.6	.6	1.8	1.3	.3	.1						4.8	9.1
NW	.7	.3	2.0	1.0	.1							3.5	9.1
NNW	.5	1.2	1.8	.5								4.1	7.3
VARBL		.1	.1	1.0	.1	.2						1.5	14.3
CALM												7.4	
	9.6	22.0	30.6	24.8	5.7	1.6	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible]71 — STATION
MILDENHALL RAF UK — STATION NAME
7[illegible]-82 — YEARS
D.C — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	.8	.5	.1	.0						3.3	7.3
NNE	.2	.6	.3	.1		.0						1.2	5.7
NE	.1	.3	.4	.1								1.3	6.1
ENE	.2	.5	.5	.3		.0						1.5	7.3
E	.2	.8	1.1	1.0	.1	.0						3.4	8.1
ESE	.2	.8	1.5	.8	.1	.1						3.9	8.2
SE	.4	1.1	1.7	1.5	.2	.1	.0					4.9	9.4
SSE	.4	.8	1.4	1.5	.4	.1						4.6	9.8
S	.2	1.4	2.2	2.0	.4	.3						6.9	9.8
SSW	.2	1.6	2.6	3.1	.3	.1	.0					9.1	10.3
SW	1.2	3.2	5.1	5.0	1.3	.5	.0	.0	.0			16.1	11.4
WSW	.2	2.1	4.5	4.0	1.1	.3	.1		.0			13.1	1[illegible].4
W	.2	1.7	3.3	4.1	.8	.2						1[illegible].8	1[illegible].3
WNW	.4	.7	1.1	.9	.3	.1	.0					3.7	9.6
NW	.3	.3	1.5	1.0	.1	.1						3.6	9.0
NNW	.4	.9	1.7	.3	.1	.0						4.3	7.8
VARBL		.1	.3	.0	.1	.1						1.4	13.8
CALM												7.4	
	9.1	19.1	29.3	27.4	5.8	1.9	.1	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 7440

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

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

SURFACE WINDS

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

STATION: [illegible] STATION NAME: ILDENHALL RAF UK YEARS: [illegible] MONTH: ALL

CLASS: ALL WEATHER HOURS (L.S.T.): 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	1.9	2.1	.0	.1	.0	.0	.0				5.2	7.5
NNE	.2	1.2	1.3	.6	.0	.0						3.7	7.2
NE	.4	.2	1.1	.6	.1	.0						3.2	7.3
ENE	.4	.1	.9	.5	.1	.0						2.6	7.6
E	.2	1.2	1.5	.8	.1	.						4.4	7.3
ESE	.2	1.5	1.1	.5	.	.0						3.7	6.8
SE	.2	1.6	1.3	.9	.1	.	.0					4.5	7.2
SSE	.2	1.4	1.3	.0	.0	.	.0					4.5	7.8
S	.1	2.2	2.4	1.7	.3	.1	.0					7.8	8.3
SSW	.0	1.7	2.4	2.2	.5	.1	.0	.0				8.	7.4
SW	.2	2.3	3.4	3.2	.6	.3	.0	.0	.0			13.6	9.8
WSW	.2	1.7	3.0	2.7	.7	.2	.0	.0	.0			9.4	10.2
W	.2	2.1	2.3	2.4	.6	.0	.0	.0		.0		8.9	9.3
WNW	.4	.2	1.3	1.7	.2	.1	.0					4.0	9.0
NW	.2	1.0	1.3	.8	.1	.0						3.8	8.2
NNW	.2	1.2	1.3	.7	.1	.0						4.3	7.4
VARBL	.1	.1	1.5	1.0	.2	.0						2.3	1 .9
CALM												8.7	
	11.1	25.5	30.0	21.6	3.9	1.1	.1	.0	.0	.0		100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 67643

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	73-83	ALL

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

CONDITION

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

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	3.1	1.4	.1	.0	.0	.0				8.2	7.7
NNE	.7	1.5	2.1	.7	.1							5.2	7.2
NE	.4	1.9	1.8	.7	.1	.0						4.6	7.7
ENE	.5	1.4	1.6	.6	.1							4.1	7.1
E	1.1	2.1	2.6	1.0	.1							6.9	7.3
ESE	1.1	2.1	1.7	.8	.1	.0						5.7	6.6
SE	1.0	2.4	2.1	1.2	.2	.1	.0					6.8	7.4
SSE	.7	1.6	1.5	1.0	.2	.1	.0					5.4	7.7
S	1.2	1.9	1.8	1.2	.3	.1						6.5	7.8
SSW	1.2	1.4	1.4	1.2	.3	.1						5.5	8.1
SW	1.1	1.3	1.7	1.1	.3	.0		.0				6.1	7.6
WSW	1.1	1.5	1.6	.6	.1	.0	.0					4.2	6.9
W	1.1	1.3	1.2	.4	.1	.0	.0					4.6	6.2
WNW	.5	1.1	.9	.6	.1							3.1	7.5
NW	.6	1.1	1.4	.8	.1	.0						3.9	7.7
NNW	.8	1.5	1.8	.7	.1	.0						4.9	7.3
VARBL	.1	.1	.3	.3	.1	.0						.7	11.2
CALM												13.3	
	14.5	27.1	28.4	14.1	2.2	.5	.0	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 13846

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of ≥ 1500 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
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-c[illegible]	[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 000-2200

CEILING FEET	VISIBILITY STATUTE MILES															
		OR (HUNDREDS OF METERS)														
	≥10 [illegible]	≥5 GE[illegible]	≥5 GE[illegible]	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE[illegible]
NO CEILING	[illegible]	[illegible]	27.1	29.9	[illegible]	[illegible]	32.8	34.[illegible]	34.7	35.2	35.3	35.3	35.3	35.5	35.9
≥ 20000		[illegible]	[illegible]	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.1	39.	39.1	39.1	39.8
≥ 18000		[illegible]	30.0	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.1	39.1	39.1	39.1	39.8
≥ 6000		[illegible]	[illegible]	33.5	34.2	34.5	[illegible]	38.6	38.6	39.2	39.1	39.1	39.1	39.4	39.8
≥ 14000		[illegible]	[illegible]	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.	39.1	39.1	39.1	39.4	39.8
≥ 12000		[illegible]	30.2	33.8	34.4	34.7	36.9	38.8	38.8	39.2	39.4	39.4	39.4	39.4	39.6	[illegible]
≥ 10000		[illegible]	[illegible]	34.6	35.1	[illegible]	37.9	39.9	39.9	40.3	40.4	40.4	40.4	[illegible]	41.6	41.1
≥ 9000		[illegible]	31.2	35.1	35.7	36.	38.3	[illegible]	[illegible]	[illegible]	40.9	40.9	40.9	40.9	41.3	41.7
≥ 8000		32.	33.4	37.8	38.5	38.8	41.1	43.2	43.2	43.7	43.8	43.8	43.8	43.8	44.2	44.6
≥ 7000		[illegible]	34.6	39.1	39.7	40.7	42.3	44.4	44.4	44.8	44.9	44.9	44.9	44.9	45.4	45.8
≥ 6000		[illegible]	34.6	39.2	39.9	[illegible]	42.5	44.6	44.6	45.	45.2	45.2	45.2	45.2	45.6	46.[illegible]
≥ 5000		34.	35.4	40.3	41.1	41.4	43.9	46.	46.	46.5	46.6	46.6	46.6	46.6	47.	47.4
≥ 4500		[illegible]	[illegible]	45.7	[illegible]	46.8	49.4	51.6	51.7	52.2	52.3	52.3	52.3	52.3	52.7	53.1
≥ 4000		41.	42.4	49.	49.9	[illegible]	53.[illegible]	55.4	55.5	56.2	[illegible]	56.3	56.3	56.3	56.8	57.2
≥ 3500		44.	45.6	53.0	54.1	54.5	57.3	[illegible]	60.1	[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.4	61.8
≥ 3000		[illegible]	50.2	58.2	[illegible]	60.2	62.9	65.7	65.9	66.7	66.8	66.8	66.8	66.8	67.2	67.6
≥ 2500		[illegible]	53.[illegible]	61.8	63.9	64.2	67.1	[illegible]	70.2	71.0	71.1	71.1	71.1	71.1	71.5	71.9
≥ 2000		[illegible]	58.3	68.1	[illegible]	[illegible]	73.9	77.	77.3	78.1	78.2	78.2	78.2	78.2	78.6	79.0
≥ 1800		[illegible]	8.9	63.7	77.9	71.6	74.6	77.7	78.1	78.8	78.9	78.9	78.9	78.9	79.4	79.8
≥ 1500		[illegible]	62.2	73.4	75.9	76.7	[illegible]	83.7	84.2	[illegible]	85.1	85.1	85.1	85.1	85.5	85.9
≥ 1200		[illegible]	63.7	75.8	78.3	79.1	83.	86.2	86.8	88.[illegible]	88.1	88.1	88.1	88.1	88.5	8.9
≥ 1000		[illegible]	4.6	77.2	79.7	80.5	84.7	88.0	88.5	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900		3.	64.9	78.1	[illegible]	[illegible]	85.6	[illegible]	[illegible]	90.5	90.9	90.9	90.9	90.9	91.3	91.7
≥ 800		[illegible]	65.2	79.	81.7	82.6	86.8	[illegible]	[illegible]	92.3	92.4	92.4	[illegible]	92.4	92.9	93.3
≥ 700		[illegible]	65.6	79.5	82.4	[illegible]	87.4	90.8	91.6	92.8	93.1	93.1	93.1	93.1	93.5	94.
≥ 600		[illegible]	65.6	79.7	82.7	[illegible]	88.1	91.4	[illegible]	93.4	93.9	93.9	93.9	93.9	94.3	94.7
≥ 500		[illegible]	65.7	79.8	83.	84.3	88.6	92.3	93.1	94.3	94.7	94.7	94.7	94.7	95.2	95.7
≥ 400		[illegible]	65.7	79.9	83.1	84.3	88.9	92.9	93.9	95.1	95.6	95.6	95.6	95.6	96.	96.6
≥ 300		[illegible]	65.7	79.9	83.1	[illegible]	89.1	93.2	94.2	95.7	96.2	96.2	96.2	96.5	97.[illegible]	97.8
≥ 200		[illegible]	65.7	79.9	83.1	84.3	89.1	93.2	94.2	95.7	96.	96.2	96.6	97.1	97.8	98.9
≥ 100		[illegible]	65.7	79.9	83.1	84.3	89.1	93.2	94.2	95.8	96.3	96.3	96.7	97.3	98.2	99.9
≥ 0		63.8	65.7	79.9	[illegible]	84.3	89.1	93.2	94.2	95.8	96.3	96.3	96.7	97.3	98.21	0.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHE[illegible] SERVIC[illegible]/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RA[illegible]K — STATION / STATION NAME — 4-[illegible] — YEARS — JA[illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]5[illegible] — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	≥10 [illegible]	≥9 [illegible]	≥8 [illegible]	≥7 [illegible]	≥6 [illegible]	≥5 [illegible]	≥4 [illegible]	≥3 [illegible]	≥2 [illegible]	≥1 [illegible]	≥[illegible] [illegible]	≥[illegible] [illegible]	≥[illegible] [illegible]	≥[illegible] [illegible]	≥[illegible] [illegible]	≥0 [illegible]
[illegible]	[illegible]	.0	2[illegible].5	28.5	29.6	29.6	30.[illegible]	31.9	32.2	32.6	37.6	32.7	32.8	33.1	33.4	34.2
≥ 2000	[illegible]	.1	2[illegible].9	31.2	32.[illegible]	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.[illegible]
≥ 8000	[illegible]	.1	2[illegible].9	31.2	32.[illegible]	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.[illegible]
≥ 6000	[illegible]	.1	2[illegible].9	31.2	32.3	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.[illegible]
≥ 4000	[illegible]	.1	2[illegible].9	31.2	32.3	32.3	33.5	34.7	34.[illegible]	35.4	35.4	35.5	35.6	35.9	36.2	37.[illegible]
≥ 2000	[illegible]	.1	2[illegible].	31.3	32.4	32.4	33.7	34.8	35.1	35.5	35.5	35.6	35.7	6.[illegible]	36.3	37.1
≥ 1000	[illegible]	.9	2[illegible].8	33.4	34.5	34.5	35.8	37.0	37.2	37.6	37.6	37.7	37.8	38.2	38.5	39.2
≥ 900	[illegible]	.7	3[illegible].5	34.4	35.7	35.7	7.0	38.2	38.4	38.8	38.8	38.9	39.0	39.4	39.7	4[illegible].4
≥ 8000	[illegible]	2.	33.5	38.	39.6	39.7	41.	42.2	42.4	42.8	42.8	42.9	4[illegible].0	43.3	43.7	44.4
≥ 7000	[illegible]	3.3	34.4	33.8	40.4	40.9	41.8	42.	43.2	43.7	43.7	43.8	43.9	44.2	44.5	45.3
≥ 6000	[illegible]	3.3	34.4	38.9	4[illegible].6	40.8	42.0	43.2	43.4	43.9	43.9	44.0	44.1	44.4	44.7	45.5
≥ 5000	[illegible]	.3	35.6	4[illegible].1	41.0	41.9	43.3	44.5	44.7	45.2	45.2	45.[illegible]	45.4	45.7	46.[illegible]	46.8
≥ 4500	[illegible]	.1	40.2	44.8	46.7	46.8	48.2	49.4	49.6	5[illegible].0	50.[illegible]	50.1	50.2	50.5	50.9	51.6
≥ 4000		2.2	43.2	48.7	50.5	0.6	52.5	53.7	54.0	54.5	54.5	54.6	54.7	55.1	55.4	56.1
≥ 3500		4.6	46.7	53.	55.2	55.4	57.5	58.9	59.4	59.9	59.9	60.0	60.1	60.4	60.8	61.5
≥ 3000		4.7	51.1	57.7	59.9	60.1	62.4	63.8	64.2	64.7	64.7	64.8	64.9	65.3	65.6	66.3
≥ 2500		2.2	53.7	61.0	63.1	63.3	65.9	67.3	67.7	68.3	68.3	68.4	68.5	68.8	69.1	69.9
≥ 2000		5.5	58.2	66.9	69.5	69.8	72.5	73.9	74.3	74.9	7[illegible].1	75.3	75.4	75.8	76.1	76.9
≥ 1800		5.3	59.0	67.7	70.6	71.	73.7	75.1	75.5	76.1	76.2	76.5	76.6	77.	77.3	78.1
≥ 1500		1.5	63.	72.8	76.0	76.3	79.6	81.0	81.4	82.0	82.2	82.4	82.5	82.9	83.2	84.[illegible]
≥ 1200		3.2	65.1	75.4	78.8	79.4	82.7	84.3	84.7	85.9	6.0	86.2	86.3	86.8	87.1	87.8
≥ 1000		4.5	66.3	76.8	8[illegible].2	[illegible].8	84.5	86.1	86.6	87.7	87.8	88.1	88.2	88.6	88.9	89.7
≥ 900		4.6	66.	77.3	80.[illegible]	81.3	85.1	86.7	87.1	88.4	88.5	89.7	88.8	89.2	89.6	9[illegible].3
≥ 800		4.9	66.9	77.7	81.4	81.9	85.8	87.4	88.2	89.6	89.7	89.9	90.0	90.4	90.8	91.5
≥ 700		5.1	67.7	78.5	82.2	82.7	86.6	88.2	88.9	9[illegible].3	9[illegible].4	9[illegible].6	9[illegible].8	91.2	91.5	92.3
≥ 600		.2	67.2	78.8	82.5	83.[illegible]	87.2	88.9	89.7	91.1	91.2	91.4	91.5	91.9	92.3	93.[illegible]
≥ 500		5.2	67.2	79.7	84.	84.5	88.9	90.8	91.5	92.9	93.0	93.2	93.3	93.8	94.1	95.2
≥ 400		5.2	67.2	79.7	84.	84.6	89.[illegible]	91.3	92.	93.4	93.5	93.8	93.9	94.3	94.6	95.7
≥ 300		5.2	67.2	79.7	84.1	84.7	89.2	91.5	92.4	94.1	94.2	94.5	94.8	95.5	96.1	97.4
≥ 200		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.5	94.3	94.4	94.7	95.1	96.1	96.9	98.6
≥ 100		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.6	94.4	94.5	94.8	95.2	96.6	97.7	100.0
≥ 0		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.6	94.4	94.5	94.8	95.2	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

[illegible]71 — STATION
ILDENHALL RAF [illegible]K — STATION NAME
4-8[illegible] — YEARS
[illegible]A — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-[illegible]20 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.9)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0.0)
NO CEILING	[illegible]1.1	21.[illegible]	24.7	25.6	25.6	26.6	27.3	27.4	27.8	28.[illegible]	28.[illegible]	28.3	28.3	23.4	8.6
≥ 20000	[illegible].5	5.5	28.6	[illegible].5	29.5	30.4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.4	32.6
≥ 18000	[illegible].5	25.5	28.6	29.5	29.5	[illegible].4	31.2	31.[illegible]	31.[illegible]	31.9	31.9	32.3	32.3	32.4	32.6
≥ 16000	[illegible].5	25.5	28.6	29.5	29.5	[illegible].4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.[illegible]	32.6
≥ 14000	.5	[illegible].5	28.6	29.5	29.5	30.4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.4	32.6
≥ 12000	24.[illegible]	25.6	28.7	29.6	29.6	[illegible].5	31.[illegible]	31.4	31.8	32.0	32.0	32.4	32.4	32.5	32.7
≥ 10000	25.[illegible]	26.8	[illegible].2	31.3	31.3	32.8	33.1	33.[illegible]	33.7	33.9	33.9	34.2	34.2	34.3	34.5
≥ 9000	26.[illegible]	[illegible].[illegible]	31.2	32.3	32.3	33.4	34.2	34.3	34.7	34.9	34.9	35.3	35.3	35.4	35.6
≥ 8000	[illegible].9	31.[illegible]	34.6	35.7	35.7	36.9	37.[illegible]	37.7	38.2	38.4	38.4	38.7	38.7	38.8	39.[illegible]
≥ 7000	[illegible].4	31.7	35.4	36.5	36.5	37.6	38.4	38.5	38.9	39.1	39.1	39.5	[illegible].5	39.6	39.8
≥ 6000	[illegible].4	31.7	35.7	36.8	36.8	39.0	39.7	38.8	39.2	39.5	39.5	39.8	39.8	39.9	[illegible].1
≥ 5000	31.[illegible]	32.9	37.2	38.4	38.4	[illegible].7	[illegible].4	40.5	41.0	41.2	41.2	41.5	41.5	41.6	41.8
≥ 4500	35.[illegible]	37.3	41.8	43.1	43.1	44.6	45.5	45.7	46.6	46.9	46.8	47.1	[illegible].1	47.2	47.4
≥ 4000	4[illegible].[illegible]	42.4	47.2	48.9	49.1	51.1	52.0	52.6	53.2	53.4	53.4	53.3	53.8	53.9	54.2
≥ 3500	[illegible]3.2	44.[illegible]	[illegible].8	52.5	[illegible].7	[illegible].9	55.8	56.5	57.3	57.5	57.5	57.8	57.8	58.[illegible]	58.3
≥ 3000	[illegible]4.4	49.1	55.2	56.9	57.2	59.6	[illegible].5	61.2	62.[illegible]	62.3	62.[illegible]	62.6	62.6	62.7	63.[illegible]
≥ 2500	[illegible]1.3	53.1	59.7	61.5	61.9	64.8	65.7	66.6	67.4	67.6	67.7	68.1	68.1	68.2	68.5
≥ 2000	5[illegible]	59.[illegible]	66.5	68.8	69.2	71.9	73.1	74.1	75.1	75.3	75.4	75.7	75.7	75.8	76.1
≥ 1800	5[illegible].5	59.9	67.[illegible]	69.4	69.8	72.5	73.7	74.6	75.6	75.8	75.9	[illegible].2	76.2	76.3	76.7
≥ 1500	[illegible]1.4	63.7	71.7	74.2	74.6	77.7	79.1	8[illegible].1	81.1	81.3	81.4	81.7	81.7	81.8	82.2
≥ 1200	[illegible]3.7	66.1	75.3	77.8	[illegible].3	81.6	83.1	84.1	85.2	85.4	85.5	86.[illegible]	86.1	86.2	86.6
≥ 1000	[illegible]4.4	66.9	76.3	79.1	79.7	83.1	84.6	85.6	86.7	86.9	8[illegible].0	87.5	87.6	87.7	88.1
≥ 900	[illegible]4.4	66.9	76.6	79.4	79.9	83.4	85.1	86.[illegible]	87.2	87.4	87.6	88.2	88.3	88.4	88.7
≥ 800	[illegible]4.7	67.4	77.1	79.9	[illegible].4	84.2	85.8	86.8	88.1	88.3	88.5	89.[illegible]	89.1	89.4	89.7
≥ 700	64.[illegible]	67.7	78.[illegible]	8[illegible].8	81.3	85.5	87.1	88.3	89.7	89.9	[illegible].1	90.6	90.8	91.0	91.3
≥ 600	64.[illegible]	68.0	78.7	81.6	82.2	86.8	88.7	9[illegible].1	91.6	91.8	92.[illegible]	92.6	92.7	9[illegible].9	93.2
≥ 500	64.[illegible]	68.1	78.9	[illegible]2.[illegible]	82.6	87.6	89.7	91.1	92.6	92.8	93.[illegible]	93.5	93.7	93.9	94.4
≥ 400	5.1	68.2	79.1	82.3	82.8	88.[illegible]	9[illegible].5	9[illegible].0	93.5	93.8	94.0	94.5	94.6	94.8	95.4
≥ 300	5.1	68.2	79.2	82.6	83.1	88.6	91.3	92.8	94.3	94.5	94.7	95.3	95.8	96.0	96.6
≥ 200	5.1	68.2	[illegible].2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.5	96.1	96.8	97.1	98.1
≥ 100	5.1	68.2	79.2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.7	96.5	98.0	98.4	100.0
≥ 0	5.1	68.2	79.2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.7	96.5	98.0	98.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	[illegible]	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.7)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2)	≥1 (1.6)	≥¾ (1.2)	≥½ (1.0)	≥⅜ (0.8)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0)
NO CEILING	[illegible]	[illegible].7	19.9	21.5	22.5	22.7	23.4	23.8	23.9	24.2	24.2	24.2	24.2	24.2	24.2	24.4
≥ 20000	[illegible]	24.	25.3	28.5	29.6	29.8	30.8	31.1	31.2	31.9	31.8	31.8	31.8	31.9	31.9	32.2
≥ 18000	[illegible]	[illegible].3	25.6	28.8	29.9	30.1	31.1	31.4	31.5	32.2	32.2	32.2	32.2	32.3	32.3	32.5
≥ 16000	[illegible]	[illegible].3	25.6	28.8	29.9	[illegible].1	31.1	31.4	31.5	32.2	32.	32.2	32.2	32.3	32.3	32.5
≥ 14000	[illegible]	[illegible].3	25.6	28.8	29.9	30.1	31.1	31.4	31.5	32.2	32.2	32.2	32.2	32.3	32.3	32.5
≥ 12000	[illegible]	[illegible].5	25.9	29.1	0.2	30.4	31.5	31.8	31.9	32.6	32.6	32.6	32.6	32.7	32.7	32.9
≥ 10000	[illegible]	[illegible].4	27.7	31.3	32.4	32.6	33.7	34.	34.1	34.7	[illegible].7	34.7	34.7	34.8	34.8	35.1
≥ 9000	[illegible]	[illegible].4	29.7	33.2	34.5	34.7	35.8	36.1	36.3	37.	37.0	37.0	37.0	37.1	37.1	37.3
≥ 8000	[illegible]	32.5	32.	6.7	38.1	38.2	39.4	39.7	39.9	40.6	40.6	40.6	4 .6	40.8	40.8	41.1
≥ 7000	[illegible]	3 .	34.4	38.2	39.5	39.7	41.	41.3	41.5	4 .3	42.3	42.3	42.3	42.4	42.4	42.6
≥ 6000	[illegible]	3 .0	34.7	38.5	39.8	4 .0	41.3	41.6	41.8	42.6	42.6	42.6	42.6	42.7	42.7	4 .9
≥ 5000	[illegible]	39.	36.7	40.5	41.8	42.0	43.8	44.1	44.3	45.1	45.1	45.1	45.1	45.2	45.2	45.4
≥ 4500	[illegible]	.1	41.2	45.4	46.9	47.1	49.	49.7	50.1	51.3	51.3	51.3	51.3	51.4	51.4	51.6
≥ 4000	[illegible]	43.	45.1	49.8	51.7	52.	54.	54.9	55.5	56.8	56.8	56.8	56.3	56.9	56.9	57.1
≥ 3500	[illegible]	4 .2	47.4	52.4	54.5	54.8	56.9	58.0	58.5	60.1	60.1	6 .1	60.1	60.3	60.3	6 .5
≥ 3000	[illegible]	5 .	52.3	57.4	6 .1	60.4	62.5	63.5	6 .1	65.7	65.8	65.8	65.8	66.0	66.0	66.2
≥ 2500	[illegible]	54.	56.3	62.	64.8	65.2	67.2	68.4	69.	70.6	70.8	7 .8	70.8	71.	71.0	71.2
≥ 2000	[illegible]	5 .4	0.4	66.7	69.7	70.0	72.3	73.5	74.5	76.2	76.3	76.3	76.3	76.6	76.6	76.8
≥ 1800	[illegible]	5 .6	6 .6	66.9	69.9	7 .2	72.6	73.9	74.	76.6	76.7	76.7	76.7	76.9	76.9	77.1
≥ 1500	[illegible]	1.4	63.4	7 .3	73.5	73.9	76.5	78.4	79.6	81.4	81.5	81.5	81.5	81.7	81.	81.9
≥ 1200	[illegible]	3.3	65.7	73.2	76.7	77.1	79.7	81.7	83.2	85.1	85.2	85.2	85.3	85.6	85.6	85.8
≥ 1000	[illegible]	4.2	66.6	74.3	77.8	78.3	81.1	83.4	5.2	87.1	87.2	87.2	87.3	87.6	87.6	87.8
≥ 900	[illegible]	4.2	65.6	74.3	77.8	78.3	81.1	83.5	85.3	87.2	87.3	87.4	87.5	87.	87.8	88.1
≥ 800	[illegible]	4.2	66.7	74.4	78.7	78.4	81.4	84.0	85.7	87.7	87.8	88.	88.1	88.4	88.4	88.7
≥ 700	[illegible]	4.6	67.1	75.6	79.2	79.7	82.9	5.6	87.4	89.8	89.9	90.0	90.1	90.4	91.4	90.8
≥ 600	[illegible]	54.9	67.3	76.3	8 .1	80.5	84.3	87.2	89.	91.9	92.	92.2	92.3	92.6	92.6	92.9
≥ 500	[illegible]	54.9	67.3	76.6	80.9	80.8	84.5	87.7	89.7	92.7	92.8	93.	93.2	93.7	93.7	94.
≥ 400	[illegible]	54.9	67.3	76.8	80.5	91.1	5.2	88.9	90.9	94.3	94.5	94.7	94.9	95.4	95.4	95.7
≥ 300	[illegible]	54.3	67.3	76.8	8 .5	91.1	85.3	89.	91.1	94.7	94.9	95.3	95.7	96.2	96.6	97.0
≥ 200	[illegible]	54.3	67.3	76.8	80.5	91.1	85.3	89.	91.1	94.8	95.1	96.2	96.8	97.3	97.7	98.7
≥ 100	[illegible]	54.9	67.3	76.8	80.5	1.1	85.3	89.0	91.1	94.8	95.1	96.2	96.9	97.4	98.3	99.9
≥ 0	[illegible]	54.8	67.3	76.8	8 .5	91.1	85.3	89.	91.1	94.9	95.2	96.3	97.0	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: ILDENHALL RAF UK | YEARS: 4-87 | MONTH: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
		GE9	GE7	GE6	GE4.8	GE4	GE3	GE2.4	GE2	GE1.6	GE1.2	GE1	GE.8	GE.5	GE.4	GE0
NO CEILING		1 .2	1 .7	21.8	22.2	22.2	22.9	2 .2	23.7	23.4	23.4	23.4	23.7	23.7	23.7	23.7
≥ 20000		2 .1	2 .6	29.	29.4	29.4	3 .1	3 .6	3 .6	3 .9	3 .9	3 .9	3 .1	31.1	31.1	31.1
≥ 18000		2 .2	26.7	29.1	29.5	29.5	30.2	30.8	30.9	31.	31.	31.	31.2	31.2	31.2	31.2
≥ 16000		2 .2	26.7	29.1	29.5	29.5	30.2	30.9	30.9	31.0	31.0	31.0	31.2	31.2	31.2	31.2
≥ 14000		2 .2	26.7	29.1	29.5	29.5	3 .2	3 .8	3 .8	31.	31.	31.0	31.2	31.2	31.2	31.2
≥ 12000		2 .3	26.1	29.2	29.6	29.6	30.3	30.9	3 .9	31.1	31.1	31.1	31.3	31.3	31.3	31.3
≥ 10000		2 .8	28.1	3 .8	31.1	1.1	31.1	32.4	32.4	32.6	32.6	32.6	32.8	32.8	32.8	32.8
≥ 9000		2 .7	29.9	31.9	32.4	32.4	33.4	34.	34.	34.2	34.2	34.2	34.4	34.4	34.4	34.4
≥ 8000		32.	33.3	35.8	36.7	36.7	37.8	38.4	38.4	38.6	38.6	38.6	38.8	38.8	38.8	38.8
≥ 7000		3.	34.4	37.2	38.1	38.1	3 .2	39.8	39.8	40.0	40.0	40.0	40.2	4 .2	40.2	40.2
≥ 6000		3 .1	35.1	37.8	38.7	38.7	39.9	4 .4	40.4	40.6	40.6	40.6	40.9	40.9	40.9	40.9
≥ 5000		3 .2	36.1	39.0	40.0	40.1	41.4	41.9	41.9	42.2	42.2	42.2	42.4	42.4	42.4	42.4
≥ 4500		3 .3	41.	44.4	4 .4	45.5	47.1	47.6	47.6	47.8	47.8	47.8	48.1	48.1	48.1	48.1
≥ 4000		4 .2	47.5	51.8	52.9	53.	54.6	55.2	55.2	55.4	55.	55.4	55.6	55.6	55.6	55.6
≥ 3500		4 .6	50.3	55.2	56.2	56.3	58.1	58.8	58.8	59.	59.	59.0	59.2	59.2	59.2	59.2
≥ 3000		55.	57.	62.3	63.7	63.8	65.1	66.6	66.6	66.8	66.8	66.8	67.1	67.	67.1	67.1
≥ 2500		5 .9	6 .4	65.8	67.4	67.5	69.6	7 .4	7 .4	70.6	70.6	70.6	70.9	70.9	70.9	70.9
≥ 2000		3.4	65.2	71.5	73.5	73.7	76.1	77.4	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8
≥ 1800		4.3	66.1	72.5	74.6	74.7	77.3	78.6	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.1
≥ 1500		5.6	68.5	75.4	77.5	77.6	8 .3	81.7	81.7	81.9	2.0	82.0	82.3	82.3	82.3	82.3
≥ 1200		6 .8	69.8	77.3	79.8	9 .0	82.7	84.4	84.6	84.8	84.9	84.9	85.2	85.2	85.2	85.2
≥ 1000		6 .	70.3	78.2	80.8	81.0	83.7	85.5	85.7	86.0	86.2	86.2	86.5	86.5	86.5	86.5
≥ 900		5 .4	7 .4	78.6	81.3	81.6	84.3	86.5	8 .6	87.1	87.4	87.4	87.6	87.6	87.6	87.6
≥ 800		6 .1	71.3	79.6	82.3	82.6	85.4	87.7	88.4	88.7	89.	89.4	89.7	89.7	89.7	89.7
≥ 700		6 .9	72.0	80.6	83.7	84.0	86.8	89.4	90.0	9 .5	90.9	91.2	91.5	91.5	91.5	91.5
≥ 600		6 .9	72.	81.1	84.3	84.6	87.6	90.8	91.	92.6	92.9	93.2	93.5	93.5	93.5	93.5
≥ 500		0.1	72.3	81.4	84.8	85.2	88.6	91.7	92.9	94.1	94.5	94.8	95.2	95.2	95.2	95.2
≥ 400		0.2	72.4	81.6	85.2	85.5	88.9	92.5	93.7	94.9	95.4	95.7	96.1	96.1	96.1	96.1
≥ 300		.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.8	96.5	97.1	97.7	97.8	97.8	97.8
≥ 200		.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.9	96.7	97.4	98.4	98.7	98.8	99.1
≥ 100		0.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.9	96.7	97.5	98.5	99.	99.2	100.0
≥ 0		.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.9	96.7	97.5	98.5	99.	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5771 — STATION
ILDENHALL R[illegible] K — STATION NAME
4-[illegible] — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-1700 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1)	≥⅜ (≥0.8)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (≥0)
NO CEILING		1[illegible]	2[illegible]	22.9	23.0	23.0	23.3	23.3	23.3	23.5	23.5	23.9	24.	24.	24.	24.
≥ 20000		26.	27.1	29.8	3[illegible]	30.1	3[illegible]	3[illegible]	30.9	31.2	31.4	31.7	31.8	31.8	31.9	31.9
≥ 18000		26.	27.2	29.9	3[illegible]	30.2	31.[illegible]	31.1	31.1	31.4	31.6	31.9	32.[illegible]	32.[illegible]	32.2	32.2
≥ 16000		26.	27.2	29.	30.1	30.2	31.0	31.1	31.1	31.4	31.6	31.9	32.[illegible]	32.[illegible]	32.2	32.2
≥ 14000		26.	27.2	29.9	3[illegible]	30.2	31.[illegible]	3[illegible]	31.1	31.4	31.6	31.9	32.0	32.0	32.2	32.2
≥ 12000		2[illegible]	27.3	30.	3[illegible]	30.3	31.1	31.2	31.2	31.5	31.7	32.	32.2	32.	32.3	32.3
≥ 10000		[illegible]	2[illegible]	31.6	31.8	31.9	32.7	32.9	32.9	33.2	33.4	33.8	33.9	33.9	34.[illegible]	34.[illegible]
≥ 9000		[illegible]	29.5	32.4	32.7	32.8	33.9	3[illegible]	34.1	34.4	34.6	34.9	35.1	35.1	35.2	35.2
≥ 8000		[illegible]	33.4	36.3	37.2	37.3	38.6	38.8	38.8	39.1	39.4	39.7	39.8	39.8	39.9	39.9
≥ 7000		32.	34.0	37.2	38.1	38.2	39.6	39.8	39.8	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]
≥ 6000		32.	34.1	37.3	38.2	38.3	39.7	39.9	39.9	40.2	40.4	40.8	40.9	40.9	41.0	41.0
≥ 5000		34.	36.1	39.7	4[illegible]	40.6	42.[illegible]	42.4	42.4	42.7	42.9	43.2	4[illegible]	43.3	43.4	43.4
≥ 4500		[illegible]	40.0	43.8	44.6	44.7	46.2	46.7	46.8	47.1	47.3	47.6	47.7	47.7	47.8	47.8
≥ 4000		3.5	45.2	49.8	51.[illegible]	51.1	52.7	53.1	53.2	53.8	54.0	54.3	54.4	54.4	54.5	54.5
≥ 3500		4[illegible]	48.9	53.8	55.1	55.3	57.[illegible]	57.6	57.7	58.3	58.5	58.8	58.9	58.9	59.[illegible]	59.0
≥ 3000		3.5	56.[illegible]	61.8	63.4	63.7	65.6	66.2	66.3	66.9	67.1	67.4	67.5	67.5	67.6	67.6
≥ 2500		5[illegible]	6[illegible]	66.6	68.[illegible]	68.5	70.9	71.2	71.3	71.8	72.0	72.4	72.5	72.5	72.6	72.6
≥ 2000		[illegible]	65.3	72.7	74.5	74.8	77.[illegible]	78.3	78.4	78.9	79.1	79.5	79.6	79.6	79.7	79.7
≥ 1800		3.0	66.1	73.8	75.7	76.0	78.2	79.5	79.6	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]
≥ 1500		3.7	67.	75.7	78.0	7[illegible]	80.4	81.9	82.5	83.0	83.2	83.5	83.7	83.8	83.9	83.9
≥ 1200		5.4	68.8	79.	81.3	81.7	84.5	86.2	86.9	87.5	87.7	8[illegible]	88.2	88.3	88.4	88.4
≥ 1000		5.7	69.1	79.6	82.0	82.5	85.4	87.1	87.8	88.7	89.	89.4	89.5	89.6	89.7	89.7
≥ 900		6.	69.6	80.3	82.[illegible]	83.3	86.2	88.1	88.8	89.7	90.0	90.3	9[illegible]	90.5	9[illegible]	90.6
≥ 800		6.2	69.8	81.	83.7	84.2	87.1	89.	89.8	90.6	91.0	91.3	91.4	91.5	91.6	91.6
≥ 700		6.3	70.2	81.7	84.9	85.5	88.4	9[illegible]	91.5	92.6	93.	93.4	93.7	93.9	94.	94.0
≥ 600		6.3	70.2	81.9	5.2	85.8	88.8	91.2	92.2	93.3	93.9	94.3	94.7	94.9	95.1	95.1
≥ 500		6.3	7[illegible]	82.[illegible]	85.3	95.9	89.4	91.9	9[illegible]	94.2	[illegible]	95.2	95.6	95.8	95.9	95.9
≥ 400		6.3	70.2	82.0	85.3	85.9	89.4	92.3	93.8	95.1	95.7	96.1	96.6	96.8	96.9	96.9
≥ 300		6.5	70.[illegible]	82.2	85.4	86.0	89.5	92.4	93.9	95.4	96.2	96.8	97.3	97.7	98.	98.0
≥ 200		6.5	7[illegible]	82.2	85.4	86.	89.5	92.[illegible]	93.9	95.4	96.2	96.9	97.5	98.1	98.5	98.8
≥ 100		6.5	70.3	82.2	85.4	86.[illegible]	89.5	92.4	93.9	95.4	96.2	96.9	97.5	98.3	99.4	100.0
≥ 0		.5	70.3	82.2	85.4	86.0	89.5	92.4	93.9	95.4	96.2	96.9	97.5	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5371	ILDENHALL AFB UK	4-67	16

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		22.3	23.[illegible]	25.7	26.1	26.1	28.2	28.6	28.7	28.7	28.7	28.7	28.8	29.[illegible]	29.1	3[illegible].0
≥ 20000		2[illegible].6	26.2	29.6	[illegible].3	30.3	32.6	33.0	33.1	33.1	33.1	33.1	33.2	33.4	33.5	34.4
≥ 18000		2[illegible].6	26.2	29.7	3[illegible].4	3[illegible].4	32.7	33.1	33.2	33.2	3[illegible].2	33.2	33.3	33.5	33.7	34.5
≥ 16000		2[illegible].6	26.2	29.7	30.4	30.4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 14000		2[illegible].6	26.2	[illegible]9.7	30.4	30.4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 12000		2[illegible].6	26.2	29.7	3[illegible].4	3[illegible].4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 10000		2[illegible].[illegible]	26.7	30.2	31.0	31.[illegible]	33.2	33.7	33.8	33.8	33.8	33.8	33.9	34.1	34.2	35.1
≥ 9000		2[illegible].7	[illegible].7	31.3	32.7	32.7	34.4	34.8	34.9	34.9	34.9	34.9	35.1	35.3	35.4	36.2
≥ 8000		[illegible].4	31.2	35.8	36.8	36.9	39.7	4[illegible].1	40.2	40.2	40.3	40.3	40.4	40.8	40.9	41.7
≥ 7000		3[illegible].[illegible]	31.3	35.9	36.9	37.[illegible]	39.9	4[illegible].3	4[illegible].4	4[illegible].4	4[illegible].5	4[illegible].5	4[illegible].6	41.[illegible]	41.1	41.9
≥ 6000		3[illegible].[illegible]	31.[illegible]	36.1	37.1	37.2	40.1	40.5	40.6	40.6	4[illegible].8	40.8	4[illegible].9	41.2	41.3	4[illegible].2
≥ 5000		32.4	33.2	38.3	39.3	39.4	42.3	42.7	42.9	42.[illegible]	43.0	43.0	43.1	43.4	43.5	44.4
≥ 4500		3[illegible].2	37.2	42.6	43.5	43.7	46.8	47.3	47.5	47.5	47.6	47.6	47.7	48.[illegible]	43.2	49.0
≥ 4000		41.[illegible]	42.4	4[illegible].7	50.1	50.3	53.9	54.4	54.6	54.6	54.7	54.7	54.8	55.2	55.3	56.1
≥ 3500		45.[illegible]	47.[illegible]	53.7	55.6	55.8	59.2	59.9	0.3	60.4	60.5	60.5	60.6	61.0	61.1	61.9
≥ 3000		1.4	52.3	6[illegible].4	62.5	62.7	66.2	67.[illegible]	67.4	67.6	67.7	67.7	68.0	68.3	68.4	69.2
≥ 2500		4.0	55.4	63.3	65.4	65.6	69.1	70.0	70.4	7[illegible].6	70.8	70.8	71.0	71.3	71.4	72.3
≥ 2000		5[illegible].5	61.[illegible]	70.1	72.4	72.6	76.2	7[illegible].1	77.7	78.0	78.1	78.1	78.3	78.6	78.7	79.6
≥ 1800		0.2	61.7	71.2	73.4	73.7	77.3	78.2	78.9	79.[illegible]	79.1	79.[illegible]	79.4	79.7	79.8	80.6
≥ 1500		61.[illegible]	63.5	74.3	76.7	76.9	80.9	81.8	82.7	82.9	83.[illegible]	83.0	83.2	83.5	83.7	84.5
≥ 1200		63.[illegible]	66.[illegible]	77.8	8[illegible].9	81.2	85.5	86.5	87.3	87.5	87.6	87.6	87.8	88.2	88.3	89.1
≥ 1000		4.4	66.6	79.[illegible]	82.2	82.5	86.9	88.3	89.4	89.6	89.7	89.7	89.9	90.2	90.3	91.2
≥ 900		4.7	66.9	79.4	82.5	82.9	87.2	88.6	89.7	89.9	9[illegible].0	90.0	90.2	90.5	90.6	91.5
≥ 800		64.3	67.[illegible]	80.2	83.5	84.0	[illegible]3.5	90.1	91.2	91.4	91.5	91.5	91.7	92.[illegible]	92.2	93.[illegible]
≥ 700		5.2	67.3	81.[illegible]	84.3	84.7	89.6	91.3	92.4	92.7	92.8	9[illegible].8	93.0	[illegible]3.3	93.4	94.3
≥ 600		5.2	67.3	81.0	84.3	84.7	89.7	91.6	92.7	93.[illegible]	93.1	93.1	93.3	93.7	93.8	94.6
≥ 500		5.2	67.3	81.1	8[illegible].5	85.1	90.1	92.5	93.5	93.9	94.0	94.0	94.2	94.5	94.6	95.5
≥ 400		5.2	67.3	81.1	84.6	85.2	9[illegible].4	93.3	94.6	94.9	95.2	95.2	[illegible]5.4	95.8	95.9	96.8
≥ 300		5.2	67.3	81.1	84.6	85.2	9[illegible].4	93.8	95.2	95.6	95.8	95.8	96.[illegible]	96.6	96.7	97.5
≥ 200		5.2	67.3	81.1	84.6	[illegible]5.2	90.4	94.0	95.4	96.2	96.5	96.5	96.9	97.6	98.1	98.9
≥ 100		5.2	67.3	81.1	84.6	85.2	9[illegible].4	94.7	95.4	96.3	96.7	96.7	97.1	98.1	98.6	99.7
≥ 0		5.2	67.3	81.1	84.6	85.2	9[illegible].4	94.7	95.4	96.3	96.7	96.7	97.3	98.3	98.8	00.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

CL BAL CLIMATOLOGY BRANCH
AFETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15 7	ILDENHALL RAF K	4-3	JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 100-2300

CEILING FEET	VISIBILITY (STATUTE MILES OR (IN NODES F METERS)														
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1½ GE2	≥1½ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥½ GE8	≥5/16 GE6	≥¼ GE4	≥0 GE
NO CEILING		24.	25.7	28.6	29.2	29.4	31.1	33.1	33.1	33.2	33.2	33.3	33.4	33.9	33.	34.3
≥ 20000		. .3	29.3	31.3	32.3	32.4	34.1	36.1	36.1	36.2	36.2	36.3	36.5	36.9	36.9	37.3
≥ 18000		. .6	28.6	31.6	32.6	32.7	3 .4	36.5	36.5	36.6	36.6	36.7	36.8	37.2	37.2	37.6
≥ 16000		. .6	29.6	31.6	32.6	32.7	34.9	36.5	36.5	36.6	36.6	36.7	6.8	37.2	37.2	37.6
≥ 14000		. .6	28.6	31.6	32.6	32.7	34.9	36.5	36.5	36.6	36.6	36.7	36.8	37.2	37.2	37.6
≥ 12000		. .7	28.7	31.7	32.7	2.8	34.5	36.6	36.6	36.7	36.7	36.8	36.9	37.3	37.3	37.7
≥ 10000		. .4	29.4	32.5	33.4	33.5	35.3	37.4	37.4	37.5	37.5	37.6	37.7	38.2	38.2	38.6
≥ 9000		. .6	29.6	32.7	33.7	33.8	35.5	37.6	37.6	37.7	37.7	37.8	38.1	38.5	38.5	39.1
≥ 8000		2.4	33.3	37.2	38.1	38.2	39.9	42.0	42.0	42.2	42.2	42.3	42.5	42.9	42.9	43.5
≥ 7000		7.2	34.3	38.1	39.	39.1	4 .9	43.	43.	43.	43.1	43.2	43.4	43.9	43.9	44.5
≥ 6000		3.2	34.4	39.3	39.2	39.4	41.1	43.2	43.2	43.3	43.3	43.4	43.7	44.1	44.1	44.7
≥ 5000		3 .4	35.7	40.	41.3	41.4	43.3	45.6	45.6	45.7	45.7	45.8	46.	46.5	46.5	47.1
≥ 4500		3 .5	4 .1	45.1	46.2	46.3	48.4	5 .6	5 .8	50.9	50.9	51.0	51.2	51.6	51.6	52.3
≥ 4000		2.4	43.3	49.9	51.6	51.7	54.	56.3	56.5	56.6	56.6	56.7	56.9	57.4	57.4	58.1
≥ 3500		4 .4	46.3	4.0	56.3	56.3	58.8	61.3	61.5	61.6	61.7	61.8	62.	62.6	62.6	63.2
≥ 3000		5 .	53.9	61.6	64.2	64.3	66.9	69.4	69.8	70.0	70.1	70.2	70.5	71.1	71.1	71.7
≥ 2500		3.	55.9	65.5	69.1	68.2	7 .8	73.3	73.8	74.	74.1	74.2	74.5	75.1	75.1	7 .7
≥ 2000		5 .	60.6	70.8	73.3	73.4	76.0	79.6	79.9	79.2	79.4	79.5	79.8	8 .3	80.3	81.3
≥ 800		5 .9	61.4	71.7	74.3	74.4	77.	79.6	80.0	80.2	80.3	80.4	80.8	81.3	81.3	81.9
≥ 500		1.2	63.3	75.5	78.5	78.6	81.6	84.2	84.6	84.8	85.1	85.2	85.5	86.	86.0	8 .7
≥ 200		.7	5.4	78.5	81.7	81.8	85.1	87.6	88.1	88.3	88.5	88.6	88.9	89.5	89.5	9 .1
≥ 1000		62.	65.7	79.1	82.5	82.6	86.	89.0	89.5	8 .7	89.9	90.0	90.3	90.9	90.9	91.5
≥ 900		3.3	66.2	8 .2	83.5	83.7	87.1	9 .1	90.6	9 .9	91.1	91.2	91.5	92.0	92.0	92.7
≥ 800		63.3	66.7	80.9	84.3	84.4	88.1	91.2	91.8	92.	92.3	92.4	92.7	93.2	93.2	93.9
≥ 700		63.	66.8	81.3	84.9	85.	88.7	91.9	92.6	92.8	93.0	93.1	93.4	94.0	94.0	94.6
≥ 600		63.	66.9	81.3	85.1	85.2	88.9	92.5	93.1	93.3	93.5	93.7	94.0	94.5	94.5	95.2
≥ 500		63.	66.8	81.5	85.4	85.5	89.2	92.9	93.7	93.9	94.1	94.2	94.5	95.1	95.1	95.7
≥ 400		63.	66.8	81.5	85.5	85.7	89.4	93.4	94.5	94.9	95.3	95.4	95.7	96.2	96.2	96.9
≥ 300		63.	66.8	81.5	85.5	85.8	89.7	93.7	94.8	95.6	95.9	96.0	96.3	97.2	97.3	98.0
≥ 200		63.	66.8	81.5	85.5	85.9	89.7	93.7	94.9	95.9	96.2	96.3	96.8	97.8	98.1	98.7
≥ 100		63.	66.8	81.5	85.5	85.8	89.7	93.7	94.9	95.9	96.2	96.5	96.9	98.3	98.9	99.6
≥ 0		63.	66.8	81.5	85.5	85.8	89.7	93.7	94.9	95.9	96.3	96.5	96.9	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 5 71 | STATION NAME: ILDERWHALL RAF K | YEARS: 4-87 | MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS: ALL

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		22.3	23.	25.5	26.1	26.2	27.4	28.3	28.	28.6	28.6	28.7	28.8	28.9	29.4
≥ 20000		2 .5	27.3	30.2	3 .0	31.1	32.4	33.3	33.3	33.7	33.7	33.8	33.9	34.1	34.2	34.5
≥ 18000		2 .6	27.1	30.3	31.0	31.1	32.5	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 16000		2 .6	27.3	3 .3	31.1	31.1	32.5	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 14000		2 .6	27.3	3 .3	31.1	31.1	32.5	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 12000		2 .7	2 .5	30.4	31.2	31.3	32.6	33.6	33.6	34.	34.1	34.1	34.2	34.3	34.4	34.8
≥ 10000		2 .7	28.3	31.8	32.6	32.7	34.1	5.0	35.1	35.4	35.5	35.6	35.7	35.8	35.9	36.3
≥ 9000		2 .6	29.4	32.9	33.6	33.7	35.2	36.2	36.3	36.6	36.6	36.7	36.8	37.1	37.1	37.5
≥ 8000		1.	32.	36.5	37.6	37.7	39.3	40.3	40.3	4 .7	40.8	4 .8	41.	41.1	41.2	41.6
≥ 7000		32.	33.6	37.5	38.5	38.6	40.1	41.3	41.3	41.7	41.7	41.8	41.9	42.1	42.2	42.6
≥ 6000		32.	33.9	37.7	38.8	38.9	4 .6	41.5	41.6	41.9	42.	42.1	4 .2	42.4	42.5	42.9
≥ 5000		3 .2	35.2	39.4	40.5	40.7	42.5	43.5	43.5	43.9	44.	44.0	44.2	44.3	44.4	44.8
≥ 4500		7 .5	39.7	44.2	45.4	45.5	47.5	48.5	48.8	49.2	49.2	49.3	49.4	49.6	49.7	5 .1
≥ 4000		42.	44.	47.4	50.3	51.1	53.2	54.4	54.6	55.1	55.2	55.1	55.4	55.6	55.7	56.1
≥ 3500		4 .0	47.3	53.2	54.9	55.1	57.5	58.8	59.1	59.7	59.8	59.9	6 .0	60.2	6 .3	6 .7
≥ 3000		1.1	52.7	59.3	61.	61.5	64.0	65.3	65.7	66.3	66.4	66.5	66.6	66.8	66.9	67.4
≥ 2500		4.3	56.	63.2	65.3	65.6	68.1	69.5	69.9	7 .6	70.7	70.7	70.9	71.1	71.2	71.6
≥ 2000		5 .1	61.1	69.1	71.5	71.8	74.5	76.1	76.5	77.3	77.4	77.5	77.6	77.8	78.1	78.4
≥ 1800		5 .7	61.7	69.9	72.3	2.7	75.4	77.0	77.5	78.2	78.3	78.4	78.5	78.7	78.9	79.3
≥ 1500		2.3	64.4	73.6	76.3	76.6	79.7	81.5	82.1	82.8	8 .9	83.0	83.2	83.4	83.5	83.9
≥ 1200		4.1	66.3	76.5	79.4	79.8	83.1	85.	85.7	86.5	86.7	86.8	87.	87.2	37.3	87.7
≥ 1000		4.7	67.	77.6	80.5	1.0	84.4	86.5	87.3	88.1	88.3	88.4	88.6	88.9	89.	89.4
≥ 900		4.3	67.3	78.1	81.1	81.5	85.	87.2	88.	86.9	89.1	8 .2	89.4	89.6	89.8	90.2
≥ 800		5.1	67.6	78.7	81.8	82.3	85.9	88.3	89.1	9 .3	90.2	90.4	90.6	90.8	91.0	91.4
≥ 700		5.4	69.0	79.5	2.8	83.3	87.0	89.4	90.3	91.4	91.6	91.8	92.	92.3	92.4	92.8
≥ 600		5.5	63.1	79.8	83.2	83.7	87.1	9 .3	91.4	92.5	2.8	93.0	93.2	93.5	93.6	94.
≥ 500		5.5	69.1	80.1	83.7	84.2	88.4	91.2	92.3	93.6	93.8	94.	94.3	94.5	94.7	95.2
≥ 400		5.6	8.1	80.2	83.8	84.4	88.7	91.9	93.2	94.5	94.9	95.1	95.3	95.6	95.8	96.3
≥ 300		5.6	68.1	8 .2	83.9	84.5	88.8	92.2	93.5	95.1	95.5	95.8	96.2	96.7	96.9	97.5
≥ 200		5.6	68.1	8 .2	83.9	84.5	88.9	92.2	93.6	95.4	95.8	96.2	96.9	97.4	97.9	98.7
≥ 100		5.6	68.1	80.2	83.9	84.5	88.9	92.2	93.6	95.4	95.8	96.3	96.9	97.9	98.6	99.9
≥ 0		5.6	68.1	8 .2	83.9	84.5	88.9	92.2	93.6	95.4	95.9	96.3	96.9	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7445

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

GL RAL CLIMATOLOGY BRANCH
L AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF [illegible]	4-[illegible]	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) [illegible]

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 [illegible]	≥5 GE3 [illegible]	≥4 GE6 [illegible]	≥3 GE4.8	≥2 GE4 [illegible]	≥2 GE3.2	≥1.5 GE2.4	≥1.5 GE2	≥1 GE1.6	≥[illegible] GE1.2	≥[illegible] GE1	≥[illegible] GE0.8	≥0.5 GE[illegible]	≥[illegible] GE[illegible]	≥0 GE[illegible]
NO CEILING	[illegible].4	22.3	25.7	26.8	[illegible].0	29.0	30.9	31.3	31.6	31.8	31.8	31.9	32.[illegible]	32.4	33.	
≥ 20000	22.	24.3	28.4	29.9	3[illegible]	32.2	33.8	34.6	34.9	5.1	35.1	35.2	35.3	35.7	36.3	
≥ 18000	22.	24.3	28.4	29.9	30.	32.2	33.8	34.6	34.9	35.1	35.1	35.2	35.3	35.7	36.3	
≥ 16000	22.	24.9	28.4	29.9	30.0	32.2	33.8	34.6	34.9	35.1	35.1	35.2	35.3	35.7	36.3	
≥ 14000	22.	24.7	28.4	29.9	3[illegible]	32.2	33.8	34.6	4.9	35.1	35.1	35.2	35.3	35.7	36.3	
≥ 12000	22.	25.1	28.5	30.	[illegible].1	32.3	33.7	34.8	35.	35.2	35.2	35.3	35.5	35.8	36.4	
≥ 10000	[illegible].7	26.[illegible]	30.0	31.7	31.8	33.9	35.6	36.4	36.6	36.9	36.9	37.	37.1	37.5	38.1	
≥ 9000	[illegible].5	26.8	31.1	32.7	32.9	35.1	36.8	37.6	37.8	3[illegible].1	38.1	38.2	38.3	38.7	39.2	
≥ 8000	[illegible].0	28.5	33.3	35.5	35.6	37.9	39.6	4[illegible].4	4[illegible].7	4[illegible].9	4[illegible].9	41.[illegible]	41.1	41.5	42.1	
≥ 7000	[illegible].2	29.	33.6	35.7	35.8	38.4	40.1	40.9	41.1	41.4	41.4	41.5	41.6	42.	42.6	
≥ 6000	[illegible].4	29.8	33.7	35.8	35.9	38.5	40.2	41.[illegible]	41.3	41.5	41.5	41.6	41.7	42.1	42.7	
≥ 5000	37.	30.5	35.6	37.7	37.8	4[illegible].4	42.1	42.9	43.1	43.4	43.4	43.5	43.6	44.0	44.6	
≥ 4500	30.[illegible]	33.2	39.8	41.0	41.1	44.0	45.7	46.9	47.2	47.4	47.4	47.5	47.6	48.	48.6	
≥ 4000	3[illegible].5	37.8	43.9	46.5	46.6	5[illegible].0	52.0	53.2	53.4	53.7	53.7	53.8	53.9	54.3	54.8	
≥ 3500	36.	40.1	46.3	48.9	49.1	52.7	54.8	56.	56.3	56.5	56.6	56.7	56.9	57.2	57.8	
≥ 3000	3[illegible].	47.3	50.1	52.7	52.8	56.9	59.2	60.4	6[illegible].8	61.	61.2	61.3	61.5	61.8	62.4	
≥ 2500	3.5	46.	55.3	58.	58.2	62.2	4.5	65.7	66.1	66.3	66.5	66.7	66.8	67.1	67.7	
≥ 2000	4.3	49.8	59.9	62.8	62.9	67.3	69.6	7[illegible].9	71.3	71.6	71.9	7[illegible].0	72.1	72.5	73.0	
≥ 800	4.6	50.4	60.9	63.7	63.8	68.6	70.9	72.2	72.6	72.9	73.2	73.3	73.4	73.8	74.3	
≥ 1500	4.2	53.1	64.7	67.6	67.7	72.	75.1	76.4	76.7	77.1	77.3	77.4	77.5	77.9	78.5	
≥ 1200	.1	54.3	66.2	69.3	69.4	74.7	77.1	78.4	78.8	79.2	79.[illegible]	79.7	79.9	80.[illegible]	80.9	
≥ 1000	1.2	55.3	68.0	71.0	71.2	77.1	79.6	8[illegible].9	81.8	82.3	82.5	82.7	83.	83.3	83.9	
≥ 900	51.	55.7	68.7	71.9	72.2	77.9	80.4	81.7	82.6	83.1	83.3	83.6	83.8	84.2	84.8	
≥ 800	2.	56.1	69.4	72.9	73.	79.1	81.4	82.7	83.7	84.	84.5	84.8	85.0	85.3	85.9	
≥ 700	2.6	56.7	70.2	74.0	74.1	80.	82.5	83.9	85.1	85.6	85.9	86.2	86.4	86.8	87.4	
≥ 600	52.7	57.	7[illegible].0	74.9	5.1	81.3	84.5	86.1	87.4	87.8	88.2	88.5	88.9	89.2	89.8	
≥ 500	52.7	57.	71.4	75.3	75.5	82.4	86.3	88.1	89.4	90.0	90.3	90.7	91.[illegible]	91.5	92.1	
≥ 400	52.7	57.0	71.4	75.3	75.5	82.5	86.5	88.8	9[illegible].1	9[illegible].8	91.3	91.6	92.1	92.6	93.1	
≥ 300	52.7	57.[illegible]	71.[illegible]	75.5	75.8	83.1	87.1	89.6	91.1	92.0	92.4	93.[illegible]	93.5	94.1	95.[illegible]	
≥ 200	52.7	57.	71.4	75.5	75.8	83.2	87.2	9[illegible].1	91.8	92.7	93.3	94.1	94.6	95.9	97.3	
≥ 100	52.7	57.0	71.4	75.5	75.8	83.2	87.2	9[illegible].1	91.8	92.7	93.3	94.1	94.6	96.7	99.3	
≥ 0	52.7	57.0	71.4	75.5	75.8	83.2	87.2	90.1	91.8	92.7	93.3	94.1	94.6	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 346

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]71	ILDEN ALL BASE K	4-8[illegible]	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST: [illegible]-2500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.6)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2½ (4)	≥2 (3.2)	≥1½ (2.4)	≥1 (1.6)	≥1 (1.6)	≥¾ (1.2)	≥¾ (1.2)	≥½ (.8)	≥5/16 (.5)	≥¼ (.4)	≥0 (0)
NO CEILING		1 .7	19.6	22.2	23.8	22.9	24.5	26.4	27.5	28.	28.	28.3	29.4	28.6	29.2	29.6
≥ 20000		1 .4	2 .7	24.9	25.9	26.7	27.	29.4	30.6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 18000		1 .6	2 .7	24.9	25.9	26.	27.5	29.4	3 .6	31.1	31.1	31.3	1.4	31.7	32.3	32.6
≥ 16000		1 .6	20.7	24.9	25.7	26.0	27.5	29.4	3 .6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 14000		1 .6	2 .7	24.9	25.9	6.0	27.5	2 .4	30.6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 12000		1 .8	2 .9	25.2	26.1	26.2	27.8	29.7	3 .9	31.3	31.3	31.6	31.7	31.9	32.5	32.9
≥ 10000		20.4	22.	27.2	28.1	28.3	29.8	31.7	32.9	33.3	33.3	33.6	33.7	33.9	34.5	34.9
≥ 9000		1.3	23.6	29.7	9.0	29.1	30.7	32.6	33.8	34.3	34.3	34.5	34.6	34.9	35.5	35.8
≥ 8000		24.	27.1	32.	33.1	33.2	34.9	36.8	37.9	38.4	38.4	38.7	38.8	39.0	39.6	40.0
≥ 7000		24.	27.3	32.2	33.5	33.6	35.3	37.6	38.8	39.2	39.2	39.5	39.6	39.8	4 .4	4 .8
≥ 6000		24.	27.3	3 .3	33.6	33.7	35.5	37.7	38.9	39.4	39.4	39.6	39.7	4 .0	40.5	4 .9
≥ 5000		2 .5	29.3	33.7	35.	35.1	36.9	39.1	4 .3	40.8	40.8	41.0	41.1	41.4	42.0	42.3
≥ 4500		2 .1	31.3	37.2	39.5	38.7	4 .8	43.	44.6	45.	45.	45.3	45.4	45.6	46.2	46.6
≥ 4000		32.	36.3	42.	44.2	44.3	47.0	49.5	51.1	51.5	51.5	51.8	51.9	52.1	52.7	53.1
≥ 3500		3 .3	38.9	46.3	47.9	48.	5 .7	53.2	54.7	5 .2	55.2	55.4	55.6	55.8	56.4	56.7
≥ 3000		3 .1	42.3	50.4	52.	52.1	55.3	58.2	59.7	6 .2	6 .2	6 .5	6 .6	6 .9	61.5	61.8
≥ 2500		.0	4 .6	54.1	56.7	56.1	59.8	62.9	64.4	64.9	64.9	65.2	65.4	65.6	66.2	66.5
≥ 2000		4 .5	5 .1	6 .0	62.3	62.5	66.8	7 .0	71.	72.3	72.3	72.7	72.8	73.0	73.6	74.0
≥ 1800		4 .3	51.1	61.	63.2	63.5	67.7	7 .9	72.5	73.3	73.3	73.6	73.8	74.0	74.	74.9
≥ 1500		.9	53.0	54.2	66.8	67.0	71.3	74.8	76.6	77.3	77.3	77.7	77.8	78.3	79.8	79.2
≥ 1200		4 .3	53.5	55.1	67.7	68.	72.5	76.2	7 .1	79.1	79.1	79.6	79.8	80.3	80.9	81.2
≥ 1000		4 .8	54.	65.8	68.4	68.7	73.3	77.8	79.7	81.	81.	81.4	8 .7	82.2	82.7	83.1
≥ 900		4 .	54.1	66.3	69.9	69.1	73.8	78.3	80.1	81.4	81.4	81.9	82.2	82.6	83.2	83.6
≥ 800		4 .9	54.1	67.	69.7	7 .3	75.1	79.9	81.8	83.3	83.3	83.8	84.0	84.5	85.1	85.5
≥ 700		0.0	54.3	67.4	7 .3	70.8	76.1	81.2	83.1	85.	85.	85.5	85.7	8 .2	86.8	87.1
≥ 600		0.1	54.4	67.6	70.7	71.2	76.6	81.9	83.8	86.1	86.1	86.5	86.8	87.2	87.8	88.2
≥ 500		.1	54.4	68.2	71.6	7 .1	78.4	3.9	8 .	88.1	88.1	88.5	88.8	89.2	89.8	9 .2
≥ 400		.1	54.4	68.2	71.9	72.5	78.8	84.4	86.	88.9	89.	89.6	90.0	90.4	91.0	91.4
≥ 300		0.1	54.4	68.2	71.9	72.5	79.2	84.8	87.2	9 .0	90.1	90.7	91.1	92.4	93.4	94.3
≥ 200		.1	54.4	68.4	72.1	72.7	79.6	85.1	87.8	90.9	91.6	92.2	93.0	95.	96.1	97.2
≥ 100		.1	54.4	69.4	72.1	72.7	79.6	85.1	87.8	9 .9	9 .6	92.2	93.0	95.2	97.3	99.6
≥ 0		0.1	54.4	68.4	72.1	72.7	79.6	85.1	87.8	9 .9	91.6	92.2	93.	95.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 596

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-0800

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS)																
	≥10 (16.0)	≥9 (GE9)	≥8 (GE8)	≥7 (GE7)	≥6 (GE6)	≥5 (GE5)	≥4 (GE4)	≥3 (GE3)	≥2 (GE2)	≥1½ (GE1½)	≥1 (GE1)	≥¾ (GE¾)	≥½ (GE½)	≥⅜ (GE⅜)	≥¼ (GE¼)	≥⅛ (GE⅛)	≥0 (GE0)
NO CEILING		14.	15.5	18.8	19.6	19.7	2[illegible]	22.6	23.2	23.5	23.8	23.9	23.9	24.2	[illegible]4.3	24.9
≥ 20000		16.	17.	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.	28.0	28.4	28.5	29.1
≥ 18000		16.	17.7	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.0	28.0	28.4	28.5	29.1
≥ 16000		16.	17.7	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.	28.0	28.4	28.5	29.1
≥ 14000		16.	1[illegible].7	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.	28.0	28.4	28.5	29.1
≥ 12000		[illegible].1	19.	22.[illegible]	23.[illegible]	23.2	24.9	26.8	2[illegible].4	27.8	28.1	28.3	23.3	28.6	28.7	29.3
≥ 10000		[illegible].3	20.1	24.5	25.5	25.7	27.3	29.3	29.9	3[illegible].3	3[illegible].6	3[illegible].7	3[illegible].7	[illegible]1.1	31.2	31.8
≥ 9000		[illegible]	2[illegible].4	24.3	26.0	26.1	27.9	29.8	30.4	3[illegible].7	31.1	31.2	31.2	31.6	31.7	32.3
≥ 8000		21.	22.9	27.7	29.[illegible]	29.	31.1	33.1	33.7	34.0	34.5	34.6	34.6	35.0	35.1	35.7
≥ 7000		2[illegible].0	23.4	28.5	29.9	3[illegible].7	32.0	34.4	35.	35.3	35.8	35.9	35.9	3[illegible].4	36.5	37.1
≥ 6000		2[illegible].1	23.5	23.6	30.0	30.1	32.2	34.5	35.1	35.5	35.9	36.1	36.1	36.5	36.6	37.2
≥ 5000		22.	24.5	2[illegible].9	31.[illegible]	31.[illegible]	33.6	35.9	36.5	36.9	37.4	37.5	37.5	38.1	38.3	38.9
≥ 4500		2[illegible].1	27.7	33.3	35.	35.1	37.5	39.8	4[illegible].7	41.[illegible]	41.6	41.8	41.8	42.4	42.7	43.3
≥ 4000		[illegible].9	32.[illegible]	38.5	40.[illegible]	40.4	43.4	45.9	46.7	47.	47.6	47.9	47.9	48.5	48.7	49.3
≥ 3500		3.2	35.5	42.4	44.2	4[illegible].3	47.5	5[illegible].0	50.[illegible]	51.2	51.8	52.4	52.4	53.[illegible]	53.2	53.8
≥ 3000		3[illegible].3	38.7	46.3	48.3	48.5	52.	[illegible]4.6	55.4	55.8	56.5	57.1	5[illegible].1	57.7	57.9	58.5
≥ 2500		[illegible].8	42.3	50.5	52.7	52.8	56.6	59.3	6[illegible].2	6[illegible].5	61.2	61.8	61.8	62.4	62.6	63.2
≥ 2000		43.	46.3	55.8	58.9	9.0	63.4	66.5	67.5	67.8	68.6	69.1	69.1	69.7	7[illegible].0	70.6
≥ 800		4.2	46.7	56.1	59.2	59.3	63.7	66.9	67.8	68.2	69.9	[illegible]9.5	69.5	70.1	70.3	70.9
≥ 500		4[illegible].1	48.7	59.1	62.3	[illegible]2.4	67.4	7[illegible].8	72.	72.7	73.4	74.	74.1	74.7	74.9	75.5
≥ 1200		4[illegible].3	4[illegible]	59.9	[illegible]3.1	63.4	69.6	72.5	73.8	74.8	75.5	76.1	76.2	77.[illegible]	77.2	77.8
≥ 1000		46.	49.6	6[illegible].9	64.2	[illegible]4.4	7[illegible].2	74.5	75.8	76.8	77.5	7[illegible].1	78.3	79.0	79.2	79.8
≥ 900		46.	49.6	61.3	64.7	64.9	7[illegible].7	75.3	76.6	77.8	78.5	79.1	79.2	79.9	8[illegible].1	80.7
≥ 800		4[illegible].	50.9	63.0	66.4	66.7	72.8	77.7	79.2	80.6	81.3	81.9	82.[illegible]	82.7	83.[illegible]	83.6
≥ 700		4[illegible].1	5[illegible].9	63.4	67.5	67.8	74.7	79.8	81.4	83.0	3.7	84.3	84.5	85.2	85.5	86.1
≥ 600		4[illegible].3	51.2	63.7	67.8	68.2	75.9	81.1	82.7	84.5	85.2	85.8	86.1	86.8	87.0	87.6
≥ 500		4[illegible].	51.2	63.9	68.2	68.6	76.7	83.1	84.8	86.6	87.4	87.9	88.3	89.[illegible]	89.2	89.8
≥ 400		4[illegible].3	51.2	63.9	68.3	68.9	77.3	84.[illegible]	85.9	88.3	89.2	89.8	90.4	91.1	91.4	92.2
≥ 300		4[illegible].3	51.2	63.9	68.3	68.9	77.3	84.5	86.3	89.	9[illegible].0	9[illegible].7	91.3	92.7	9[illegible].5	95.0
≥ 200		4[illegible].3	51.2	63.9	68.3	68.9	77.4	84.6	86.5	89.2	9[illegible].2	91.	91.6	93.5	94.9	97.[illegible]
≥ 100		4[illegible].3	51.2	63.9	68.3	68.9	77.4	84.6	8[illegible].5	89.2	90.2	91.0	91.6	93.6	95.6	99.4
≥ 0		4[illegible].3	51.2	63.9	68.3	68.9	77.4	84.6	86.5	89.2	9[illegible].2	91.[illegible]	91.6	9[illegible].6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GL BAL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: [illegible] ILDENHALL RAF K — STATION NAME: [illegible] — YEARS: [illegible]8[illegible] — MONTH: FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): [illegible]00-1100

VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)

CEILING FEET	≥10 (16)	≥6 (10)	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1	≥⅜ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING		1[illegible].5	14.	18.1	19.3	19.5	[illegible]0.8	21.[illegible]	22.6	22.9	22.9	23.2	23.6	23.8	23.9	24.1
≥ 20000		1[illegible].	17.4	21.6	23.2	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	23.7	29.[illegible]
≥ 18000		1[illegible].0	17.4	21.6	23.2	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	23.7	29.[illegible]
≥ 16000		1[illegible].0	17.4	21.6	23.2	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	23.7	29.[illegible]
≥ 14000		1[illegible].1	1[illegible].5	21.7	23.3	23.5	25.4	26.7	27.4	27.8	27.8	28.[illegible]	23.5	28.6	28.8	29.1
≥ 12000		1[illegible].5	17.8	22.1	2[illegible].6	23.9	25.8	27.1	27.8	28.1	28.1	28.4	29.8	29.[illegible]	29.2	29.4
≥ 10000		[illegible].9	19.4	23.6	25.2	25.4	27.3	28.6	29.3	29.7	29.7	29.9	30.4	30.5	30.7	31.0
≥ 9000		1[illegible].6	2[illegible].1	24.6	26.3	26.5	28.4	29.7	3[illegible].4	3[illegible].7	3[illegible].7	3[illegible].0	31.4	31.6	31.8	32.[illegible]
≥ 8000		2[illegible].2	23.	28.6	32.3	30.3	32.6	34.3	35.	35.3	35.3	35.7	36.2	36.3	36.5	36.8
≥ 7000		27.	24.2	29.1	30.[illegible]	31.1	33.3	35.0	35.7	36.1	36.1	36.4	36.9	37.	37.2	37.5
≥ 6000		2[illegible].	2[illegible].5	29.3	31.1	31.3	33.6	35.2	35.9	36.3	36.3	36.6	37.1	37.2	37.5	37.7
≥ 5000		2[illegible].4	26.	3[illegible].9	32.6	3[illegible].9	35.3	37.0	37.9	38.4	38.5	38.9	39.4	39.5	39.7	4[illegible].0
≥ 4500		2[illegible].5	23.1	33.8	36.1	36.3	38.9	4[illegible].7	41.6	4[illegible].2	42.3	42.7	43.1	43.3	43.5	43.7
≥ 4000		30.	31.6	37.6	4[illegible].7	40.2	42.9	44.9	45.9	46.7	46.8	47.4	48.	48.2	48.5	48.7
≥ 3500		33.	35.1	41.3	43.3	44.1	47.	49.5	5[illegible].5	51.4	51.5	52.1	52.8	53.	53.2	53.4
≥ 3000		3[illegible].4	38.	45.5	48.8	49.3	52.2	[illegible]5.0	56.0	57.0	57.1	57.7	58.4	58.5	58.7	59.[illegible]
≥ 2500		3[illegible].8	41.1	48.2	51.5	5[illegible].0	55.4	58.2	59.6	60.5	60.6	61.3	62.1	62.2	62.4	62.6
≥ 2000		43.8	44.3	53.2	57.	57.4	61.2	64.7	66.2	67.1	67.4	6[illegible].2	68.9	69.3	69.3	69.5
≥ 1800		43.	45.2	53.5	57.4	57.9	61.7	65.1	66.7	67.6	67.8	68.7	69.4	69.5	69.[illegible]	70.0
≥ 1500		4[illegible].3	46.6	56.1	60.3	60.9	64.8	68.4	7[illegible].2	71.6	71.9	72.7	73.4	73.5	73.8	74.[illegible]
≥ 1200		4[illegible].7	48.1	5[illegible].7	63.2	63.8	68.2	72.5	74.2	76.0	76.4	77.3	78.[illegible]	78.1	78.4	73.6
≥ 1000		4[illegible].2	48.6	59.7	64.5	65.1	70.3	74.9	76.7	78.7	79.3	80.3	81.0	81.1	81.3	91.6
≥ 900		4[illegible].3	48.8	6[illegible].3	65.2	65.8	71.4	76.1	77.9	80.0	80.6	81.6	82.3	82.4	82.6	82.9
≥ 800		4[illegible].6	49.3	61.2	66.3	66.9	72.5	77.4	79.4	82.	82.7	83.7	84.4	84.5	84.8	85.0
≥ 700		47.[illegible]	49.5	61.7	67.3	68.1	74.	79.7	81.9	84.8	85.6	86.8	87.5	87.6	87.8	88.1
≥ 600		47.	49.5	61.8	67.4	68.2	74.2	80.0	82.5	85.5	86.3	87.5	88.2	88.3	88.5	88.8
≥ 500		47.	49.5	61.9	67.6	68.4	74.[illegible]	81.3	84.0	88.1	89.1	90.3	91.1	91.3	91.5	91.7
≥ 400		4[illegible].	49.6	62.3	68.2	69.	75.1	82.6	85.6	90.4	91.6	92.9	93.7	94.1	94.3	94.7
≥ 300		4[illegible].0	49.6	62.3	68.2	69.[illegible]	75.1	82.7	85.8	9[illegible].9	92.4	94.[illegible]	95.4	96.2	96.6	97.6
≥ 200		4[illegible].0	49.6	62.3	68.2	69.1	75.1	82.7	85.9	91.4	92.9	94.6	96.[illegible]	96.8	97.3	98.7
≥ 100		4[illegible].0	49.4	62.3	68.2	69.0	75.1	82.7	85.9	91.4	92.9	94.6	96.[illegible]	97.[illegible]	97.5	99.6
≥ 0		4[illegible].	49.6	62.3	68.[illegible]	69.0	75.1	82.7	85.9	91.4	92.9	94.6	96.0	97.[illegible]	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 886

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

GL RAL CLIMATOLOGY BRANCH
FETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
157	ILDENHALL RAF K	4-6	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST: 1 0-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE35	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE04	≥0 GE0
NO CEILING	1 .1	14.4	18.1	19.7	19.5	2 .3	2 .3	2 .9	2 .9	2 .9	21.	21.0	21.0	21.0	21.0	21.0
≥ 20000	1 .1	20.3	25.3	26.4	26.8	27.9	28.4	28.5	28.7	28.7	28.8	29.	29.	29.0	29.	29.0
≥ 18000	.1	20.3	25.3	26.4	26.8	27.9	28.4	28.5	29.7	28.7	28.8	29.	29.	29.0	29.0	29.0
≥ 16000	1 .1	2 .3	25.3	26.4	6.8	27.9	28.4	28.5	28.7	28.7	28.8	29.0	29.0	29.	29.	29.0
≥ 14000	1 .1	2 .3	25.3	26.4	26.8	27.9	28.4	28.5	8.7	28.7	28.8	29.0	29.0	29.0	29.0	29.0
≥ 12000	1 .9	20.1	25.8	26.8	27.3	28.4	28.8	29.	29.2	29.2	29.3	29.4	9.4	29.4	29.4	29.4
≥ 10000	1.3	22.5	27.4	28.7	29.2	3 .3	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.3
≥ 9000	2.	23.5	28.5	29.8	30.3	31.3	31.8	31.9	32.2	32.2	32.3	32.4	32.4	32.4	32.4	32.4
≥ 8000	2 .5	26.7	31.8	33.1	33.6	34.	35.1	35.2	35.5	35.5	35.6	35.7	35.7	35.7	35.7	35.7
≥ 7000	2 .7	27.9	33.1	34.6	35.1	36.2	36.6	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2
≥ 6000	2 .1	29.1	33.3	34.9	35.3	36.4	36.9	37.	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5
≥ 5000	1 .1	29.3	34.5	36.2	36.6	37.7	38.3	38.4	38.7	38.7	38.8	33.9	38.9	38.9	38.9	38.9
≥ 4500	3 .1	32.9	3 .8	40.5	41.1	42.2	42.8	42.9	43.1	43.1	43.3	43.4	43.4	43.4	43.4	43.4
≥ 4000	3 .1	36.4	42.8	44.7	45.3	4 .5	47.6	47.9	48.2	48.2	48.3	48.5	48.5	48.5	48.5	48.5
≥ 3500	3 .7	41.4	48.5	5 .5	51.1	52.2	53.4	53.8	5 .1	54.1	54.3	54.4	54.4	54.4	54.4	54.4
≥ 3000	4 .1	46.7	54.5	56.9	57.4	59.	60.5	61.1	61.5	61.5	61.6	6 .7	61.7	61.7	61.7	61.7
≥ 2500	4 .7	50.5	58.7	61.2	61.8	63.9	65.	65.8	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4
≥ 2000	3.2	55.7	65.0	67.5	68.2	70.3	72.1	72.9	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6
≥ 1800	3.4	55.9	65.2	67.7	68.4	75.6	72.5	73.3	73.8	73.8	73.9	74.0	74.0	74.	74.0	74.0
≥ 1500	5.4	58.7	69.6	72.7	73.5	75.7	78.1	79.	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8
≥ 1200	5 .2	60.6	73.	76.7	77.5	8 .7	83.7	85.1	85.7	85.7	85.8	85.9	86.1	8 .1	86.1	86.1
≥ 1000	5 .8	61.3	74.2	77.9	78.8	82.9	86.1	87.5	88.1	88.1	88.2	88.3	88.4	88.4	88.4	88.4
≥ 900	5 .4	61.1	75.1	79.0	79.9	83.9	87.2	88.7	89.2	89.2	89.4	89.5	89.6	89.6	89.6	89.6
≥ 800	5 .5	62.3	75.8	8 .	81.0	85.1	8.4	89.8	90.5	90.5	90.7	90.8	90.9	9 .9	90.9	90.9
≥ 700	5 .6	62.4	76.	80.3	81.3	85.9	9 .3	9 .8	93.3	93.3	93.4	93.5	93.6	93.6	93.6	93.6
≥ 600	5 .6	62.4	76.2	8 .5	81.6	86.5	91.	92.6	94.1	94.1	94.3	94.4	94.6	94.6	94.6	94.6
≥ 500	5 .6	62.4	76.4	80.6	81.7	86.6	91.4	93.6	95.6	95.6	95.9	96.	96.1	96.2	96.2	96.2
≥ 400	5 .6	62.4	76.4	80.6	81.7	86.8	91.5	93.7	96.5	96.5	96.8	96.9	97.3	97.4	97.4	97.4
≥ 300	5 .6	62.4	76.4	8 .6	81.7	8 .8	91.5	93.9	96.8	97.0	97.5	97.6	98.2	98.5	98.7	98.7
≥ 200	5 .6	62.4	76.4	8 .6	81.7	86.8	91.5	93.9	96.8	97.0	97.6	98.0	98.9	99.2	99.4	99.4
≥ 100	5 .6	62.4	76.4	8 .6	81.7	86.8	91.5	93.9	96.8	97.	97.6	98.7	99.1	99.3	99.9	99.9
≥ 0	5 .6	62.4	76.4	80.6	81.7	86.8	91.5	93.9	96.8	97.	97.6	98.7	99.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 846

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	STATION NAME	YEARS	MONTH
75772	ILDENHALL RAF UK	4-83	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2359

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		16.	17.7	20.3	2 .6	21.	22.	22.7	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000		21.	22.9	26.6	27.1	27.9	29.0	29.8	29.8	3 .0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 18000		.	23.2	26.8	27.3	28.0	29.2	30.0	30.0	30.3	3 .3	30.3	30.3	30.3	30.3	30.3
≥ 16000		1.	23.2	26.8	27.3	8.0	29.2	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 14000		1.7	23.2	26.8	27.3	28.	29.2	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 12000		2.1	23.4	27.1	27.5	28.3	29.4	3 .3	30.3	30.5	30.5	3 .5	30.5	30.5	30.5	30.5
≥ 10000		2 .0	25.5	29.3	29.9	30.6	31.8	32.6	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 9000		2 .3	26.1	30.1	30.7	31.4	32.6	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000		2 .7	29.	33.8	34.4	35.1	36.3	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 7000		3 .3	3 .1	34.4	35.	35.7	36.9	37.7	37.7	37.9	37.9	37.9	38.2	38.2	38.2	38.2
≥ 6000		3 .6	3 .3	34.8	35.3	36.1	37.2	38.1	38.1	38.7	38.3	38.3	38.5	38.5	38.5	38.5
≥ 5000		3 .8	31.7	35.9	36.5	37.2	38.7	39.5	39.5	39.7	39.7	39.7	4 .7	40.0	40.0	40.0
≥ 4500		33.	36.1	40.9	42.0	42.7	44.3	45.3	45.3	45.5	45.5	45.5	45.7	45.7	45.7	45.7
≥ 4000		3 .9	41.1	46.7	47.8	48.5	50.2	51.2	51.2	51.5	51.5	51.5	51.8	51.8	51.8	51.8
≥ 3500		2.4	44.1	5 .9	52.	52.3	55.1	56.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 3000		4 .8	51.5	57.6	58.7	59.5	62.3	63.4	63.4	64.2	64.2	64.2	64.4	64.4	64.4	64.4
≥ 2500		1.1	53.3	61.	62.2	62.9	65.7	66.8	66.8	67.6	67.6	67.6	67.8	67.8	67.8	67.8
≥ 2000		4.4	57.7	66.2	67.4	68.1	71.5	73.2	73.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5
≥ 1800		.6	58.9	67.6	68.8	69.5	72.9	74.6	74.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9
≥ 1500		5 .2	61.9	72.7	74.0	74.7	7 .6	80.7	80.7	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 1200		5 .1	63.4	75.3	77.4	78.1	82.4	84.8	84.8	86.4	86.4	86.6	87.0	87.0	87.0	87.0
≥ 1000		5 .8	64.1	76.7	79.1	79.8	85.2	88.1	88.2	9 .1	9 .1	9 .3	9 .7	9 .7	9 .7	9 .7
≥ 900		5 .8	64.1	76.7	79.1	79.8	85.2	88.1	88.2	9 .1	9 .1	9 .3	9 .7	9 .7	9 .7	9 .7
≥ 800		6.0	64.3	77.3	79.7	80.4	85.9	88.9	89.1	91.1	91.1	91.4	91.7	91.7	91.7	91.7
≥ 700		.2	64.4	77.4	80.3	81.1	86.8	90.4	90.8	92.9	92.9	93.1	93.5	93.5	93.5	93.5
≥ 600		.2	64.4	77.4	8 .3	81.1	86.9	91.3	91.7	94.0	94.2	94.4	94.9	94.9	94.9	94.9
≥ 500		6.2	64.4	77.5	8 .4	81.2	87.1	91.8	92.6	95.4	95.6	96.0	96.3	96.5	96.5	96.5
≥ 400		6.2	64.4	77.5	80.5	81.3	87.2	92.	92.8	96.1	96.5	96.9	97.4	97.4	97.4	97.4
≥ 300		6.2	64.4	77.5	80.5	81.3	87.2	92.0	92.9	96.3	96.7	97.6	98.1	98.5	98.6	98.6
≥ 200		.2	64.4	77.5	80.5	81.3	87.2	92.0	93.0	96.6	96.9	98.0	98.6	99.2	99.3	99.4
≥ 100		.2	64.4	77.5	8 .5	81.3	87.2	92.0	93.1	96.6	96.9	98.0	98.6	99.3	99.4	100.0
≥ 0		.2	64.4	77.5	8 .5	81.3	87.2	92.	93.1	96.6	96.9	98.0	98.6	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-87	FEB

HOURS (LST) [illegible]0-2300

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)														
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2 (≥3.2)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1 (≥2)	≥¾ (≥1.6)	≥½ (≥1.2)	≥¼ (≥1.0)	≥¼ (≥0.8)	≥⅛ (≥0.5)	≥0 (≥0.4)
NO CEILING		20.4	21.4	26.5	26.6	27.	29.4	29.1	29.2	29.6	29.6	29.7	29.7	29.7	29.9
≥ 20000		[illegible]	24.2	30.9	31.0	31.3	33.5	34.2	34.3	34.6	34.6	34.8	34.8	34.9	34.9
≥ 18000		[illegible]	24.3	31.0	31.1	31.4	33.6	34.3	34.4	34.8	34.8	34.9	34.9	34.9	35.[illegible]
≥ 16000		[illegible]	24.3	31.	31.1	31.4	33.	34.3	34.4	34.8	34.8	34.9	34.9	34.9	35.[illegible]
≥ 14000		[illegible]	24.3	31.3	31.4	31.8	33.9	34.6	34.8	35.1	35.1	35.2	35.2	35.2	35.3
≥ 12000		[illegible]	24.6	31.6	31.7	32.[illegible]	34.2	34.9	35.	35.3	35.3	35.5	35.5	35.5	35.6
≥ 10000		[illegible]	25.2	32.2	32.3	32.6	34.9	35.6	35.7	36.1	36.1	36.2	36.2	36.2	36.3
≥ 9000		[illegible]	25.5	32.9	33.0	33.3	35.6	36.3	36.4	36.9	36.8	36.9	36.9	36.9	37.[illegible]
≥ 8000		26.	28.	36.1	36.5	36.9	39.8	40.1	40.2	40.5	40.5	40.7	40.7	40.7	40.8
≥ 7000		[illegible]	29.	37.1	37.5	37.8	40.4	41.1	41.3	41.6	41.[illegible]	41.7	42.0	42.0	42.2
≥ 6000		27.[illegible]	29.1	37.1	37.6	37.9	40.5	41.3	41.4	41.7	41.7	41.8	42.[illegible]	42.1	42.3
≥ 5000		[illegible]	30.6	39.0	39.5	39.8	42.4	43.4	43.5	43.9	43.9	44.[illegible]	44.2	44.2	44.4
≥ 4500		[illegible]	32.	42.0	42.6	43.0	46.0	46.9	47.[illegible]	47.6	47.6	47.8	48.[illegible]	48.[illegible]	48.2
≥ 4000		[illegible]	37.	46.5	47.	47.5	50.8	51.5	52.0	52.4	52.4	52.5	52.7	52.7	53.[illegible]
≥ 3500		[illegible]	[illegible]	49.9	5[illegible].8	51.3	54.6	56.1	56.9	57.4	57.4	5[illegible].6	57.8	57.8	58.[illegible]
≥ 3000		42.0	43.[illegible]	55.	56.[illegible]	56.5	6[illegible].0	61.8	62.5	63.1	63.1	63.2	63.5	63.5	63.7
≥ 2500		45.[illegible]	47.8	60.2	61.7	62.2	65.7	67.5	68.2	68.8	68.8	68.9	69.1	69.1	69.4
≥ 2000		[illegible]	51.3	65.6	67.7	68.2	72.0	73.9	74.7	75.4	75.4	75.5	75.8	75.8	76.[illegible]
≥ 1800		[illegible]	51.7	66.2	69.3	68.8	72.7	[illegible]4.6	75.4	76.1	76.1	76.2	76.5	76.5	76.7
≥ 1500		51.	54.6	71.4	74.8	75.3	79.3	81.4	82.3	83.0	83.0	83.1	83.3	83.3	83.6
≥ 1200		[illegible]2.5	55.6	73.5	77.4	77.9	82.2	84.6	85.7	86.5	86.6	86.8	87.[illegible]	87.1	87.4
≥ 1000		[illegible]2.6	56.0	74.5	78.5	79.0	83.8	86.4	87.6	88.5	88.7	88.9	89.1	89.2	89.5
≥ 900		52.	56.3	74.7	79.0	79.4	84.6	87.2	88.4	89.5	89.6	89.8	9[illegible].1	90.2	9[illegible].2	90.4
≥ 800		52.[illegible]	56.3	74.8	79.3	79.8	85.1	[illegible]8.1	89.6	90.9	91.0	91.3	91.5	91.6	91.6	91.8
≥ 700		52.[illegible]	56.3	75.1	79.9	8[illegible].4	86.4	89.6	9[illegible].1	92.4	92.6	92.8	93.0	93.1	93.1	93.4
≥ 600		52.[illegible]	56.3	75.1	79.9	8[illegible].4	86.5	9[illegible].5	92.8	94.3	94.4	94.7	94.9	95.0	95.0	95.3
≥ 500		52.[illegible]	56.3	75.3	80.3	80.7	86.9	91.	94.[illegible]	95.9	96.	96.2	96.5	96.6	96.6	96.8
≥ 400		3.0	56.4	75.4	80.4	80.9	87.1	92.1	95.0	97.5	97.6	97.9	98.1	98.2	98.2	98.5
≥ 300		3.[illegible]	56.4	75.4	8[illegible].4	80.9	87.1	92.3	95.3	98.2	98.5	98.7	98.9	99.1	99.1	99.3
≥ 200		3.	56.4	75.4	8[illegible].4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.4	99.6
≥ 100		3.0	56.4	75.4	8[illegible].4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.6	100.0
≥ 0		3.0	56.4	75.4	80.4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.6	1 0.0

TOTAL NUMBER OF OBSERVATIONS 346

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	4-87	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2300

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (5)	≥6 (GE9)	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2.5 GE4	≥2 GE3.2	≥1.5 GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE0.8	≥⅜ GE0.6	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		22.	24.3	30.9	32.7	32.7	33.9	34.9	34.9	35.5	35.5	35.5	35.7	35.9	36.1	36.5
≥ 20000		2 .1	27.1	34.3	35.7	35.7	37.7	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 18000		2 .	27.1	34.3	35.7	35.7	37.7	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 16000		2 .	27.1	34.3	35.7	35.7	37.	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 14000		2 .4	27.4	34.6	36.1	36.1	39.1	39.1	39.	39.7	39.7	39.7	40.0	40.2	40.3	40.8
≥ 12000		2 .4	27.4	34.6	36.1	36.1	38.1	39.1	39.1	39.7	39.7	39.7	4 .7	40.2	40.3	40.8
≥ 10000		2 .0	29.0	35.7	37.5	37.5	39.5	4 .5	4 .5	41.1	41.1	41.1	41.4	41.6	41.7	42.2
≥ 9000		2 .4	29.4	36.1	37.8	37.8	39.8	40.9	40.9	41.5	41.5	41.5	41.7	42.	42.1	42.6
≥ 8000		.1	3 .1	38.2	4 .2	40.2	42.6	43.6	43.6	44.2	44.2	44.2	44.4	44.7	44.8	45.3
≥ 7000		2 .8	3 .3	38.9	4 .9	43.9	43.4	44.4	44.4	45.0	4 .0	45.0	45.3	45.5	45.7	46.2
≥ 6000		2 .8	30.9	38.9	41.	41.7	43.9	44.6	44.6	45.2	45.2	45.2	45.4	45.6	45.9	46.3
≥ 5000		2 .9	31.7	40.2	42.3	42.3	44.2	45.9	45.9	46.5	46.5	46.5	46.7	46.9	47.2	47.6
≥ 4500		.4	34.4	42.8	45.2	45.4	48.0	49.2	49.3	49.9	49.9	49.9	5 .1	50.4	5 .6	51.1
≥ 4000		3 .	37.7	45.7	48.2	48.6	1.5	52.8	53.0	53.5	53.5	53.5	53.8	54.0	54.3	54.7
≥ 3500		3 .2	4 .4	49.8	52.2	52.6	55.8	57.2	57.3	57.9	8.3	58.3	58.5	58.7	59.0	59.5
≥ 3000		1.3	43.7	54.	56.5	56.9	6 .2	61.9	62.1	62.6	63.	63.3	63.2	63.5	63.7	64.2
≥ 2500		44.	47.3	58.7	61.9	62.3	65.6	67.4	67.5	68.1	68.4	68.4	68.7	68.9	69.1	69.6
≥ 2000		4 .3	50.7	4.1	67.7	68.1	71.6	73.5	73.6	74.2	74.6	74.6	74.8	75.1	75.3	75.8
≥ 1800		4 .5	51.1	65.1	68.8	69.1	73.0	74.9	75.1	75.7	76.0	76.0	76.2	76.5	76.7	77.2
≥ 1500		1.4	54.6	69.3	73.8	74.3	78.5	8 .4	8 .5	81.1	81.4	81.4	81.7	81.9	82.2	82.6
≥ 1200		2.6	55.9	71.6	76.7	77.4	81.8	83.9	84.	84.6	85.7	85.0	85.3	85.5	85.7	86.2
≥ 1000		53.	57.1	73.4	79.6	79.3	83.8	86.4	86.5	87.1	87.6	87.6	87.8	88.1	88.3	88.8
≥ 900		4.1	57.4	73.8	79.1	79.8	84.3	86.9	87.1	87.7	88.2	88.2	88.4	88.7	88.9	89.4
≥ 800		4.3	57.7	74.6	8 .1	80.9	85.3	7.9	88.3	88.9	89.4	89.4	89.6	89.8	9 .1	90.5
≥ 700		4.6	58.	75.1	8 .6	81.4	86.2	89.	89.4	90.2	90.7	90.7	90.9	91.1	91.4	91.8
≥ 600		4.7	58.3	75.5	81.7	82.5	87.5	91.1	91.7	92.8	93.3	93.3	93.5	93.7	94.0	94.4
≥ 500		54.7	58.3	75.9	82.0	82.9	88.7	92.4	93.6	94.8	95.3	95.3	95.5	95.7	96.	96.5
≥ 400		54.7	58.3	75.9	82.0	82.9	88.7	92.9	94.2	95.5	96.	96.0	96.2	96.5	96.7	97.2
≥ 300		54.7	58.3	75.9	82.2	83.0	88.9	93.3	94.7	96.5	96.9	96.9	97.2	97.5	97.8	98.2
≥ 200		54.7	58.3	75.9	82.2	83.	88.9	93.3	94.7	96.6	97.0	97.2	97.4	98.2	98.9	99.4
≥ 100		54.7	58.3	75.9	82.2	83.	88.9	93.3	94.7	96.6	97.	97.2	97.5	98.5	99.2	99.9
≥ 0		54.7	58.3	75.9	82.2	83.0	88.9	93.3	94.7	96.6	97.	97.2	97.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 5577 | STATION NAME: MILDENHALL RAF UK | YEARS: 74-83 | MONTH: FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY (STATUTE MILES OR (HUNDREDS OF METERS))															
	≥10 (16)	≥6 (9)	≥5 (GE8)	≥4 (GE6.4)	≥3 (GE4.8)	≥2 (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1 (GE2.0)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE1)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		1 .5	19.5	22.6	23.3	23.6	24.9	25.1	26.5	26.9	26.9	27.0	27.1	27.3	27.4	27.7
≥ 20000		2 .	21.9	26.7	27.7	28.	29.7	30.9	31.4	31.7	31.8	31.9	32.0	32.2	32.4	32.7
≥ 18000		20.	22.0	26.8	27.8	28.	29.7	31.	31.4	31.8	31.9	32.	32.1	32.2	32.4	32.7
≥ 16000		20.	22.0	26.8	27.8	28.0	29.7	31.	31.4	31.8	31.9	32.	32.1	32.2	32.4	32.7
≥ 14000		2 .	22.0	26.9	27.9	28.1	29.8	31.1	31.5	31.9	32.	32.1	32.2	32.3	32.5	32.8
≥ 12000		2 .	22.3	27.1	28.1	28.4	30.1	31.3	31.	32.1	32.2	32.3	32.4	32.6	32.7	33.
≥ 10000		2.2	23.7	28.7	29.9	30.1	31.8	33.1	33.5	33.9	34.0	34.1	34.2	34.3	34.5	34.8
≥ 9000		22.3	24.3	29.5	3 .7	30.9	32.7	33.9	34.4	34.7	34.8	34.9	35.	35.2	35.3	35.6
≥ 8000		2 .4	27.1	32.7	34.3	34.3	36.2	37.5	37.9	38.3	38.3	38.5	38.6	38.7	38.9	39.2
≥ 7000		2 .0	27.	33.3	34.7	35.0	37.0	38.4	38.8	39.2	39.3	39.4	39.6	39.7	39.9	4 .2
≥ 6000		2 .2	27.8	33.5	34.7	35.2	37.2	38.5	39.0	39.3	39.4	39.6	39.7	39.9	40.1	40.4
≥ 5000		2 .3	29.1	35.	36.4	36.7	38.7	40.1	40.6	41.0	41.1	41.2	41.4	41.6	41.8	42.1
≥ 4500		0.2	32.1	33.4	4 .1	40.4	42.7	44.2	44.8	45.2	45.3	45.4	45.6	45.8	46.0	46.3
≥ 4000		3 .1	36.2	43.0	44.8	45.2	47.8	49.4	5 .1	50.5	50.7	50.8	51.0	51.2	51.4	51.7
≥ 3500		3 .	39.5	46.	48.8	49.2	52.0	53.8	54.5	55.0	55.2	55.4	55.6	55.8	56.	56.3
≥ 3000		1.2	43.6	51.7	53.8	54.1	57.2	59.3	60.1	60.6	60.8	61.1	61.3	61.5	61.7	62.
≥ 2500		4.4	46.3	55.9	58.2	58.5	61.8	63.9	64.8	65.3	65.5	65.8	66.0	66.2	66.4	66.7
≥ 2000		4 .1	50.8	61.2	63.9	64.3	68.	70.4	71.3	72.0	72.2	72.5	72.7	72.9	73.1	73.4
≥ 1800		4 .6	51.9	62.0	64.7	65.1	69.9	71.3	72.2	72.9	73.1	73.3	73.6	73.7	73.9	74.2
≥ 1500		50.	3.9	65.	69.0	69.5	73.5	76.2	77.2	78.0	78.2	78.5	78.7	78.9	79.1	79.4
≥ 1200		1.	55.1	67.9	71.5	71.9	7 .4	79.4	80.5	81.5	81.7	82.1	82.4	82.6	82.8	83.1
≥ 1000		2.4	55.8	69.1	72.8	73.3	78.3	81.6	82.8	84.0	84.2	84.6	84.9	85.1	85.3	85.7
≥ 900		2.6	56.	69.6	73.3	73.8	79.	82.4	83.6	84.8	85.1	85.4	85.7	86.0	86.2	86.5
≥ 800		52.9	56.4	70.4	74.3	74.8	8 .1	83.7	85.	86.4	86.7	87.1	87.4	87.6	87.8	88.1
≥ 700		3.1	56.6	70.8	75.0	75.6	81.3	85.3	86.7	88.3	88.7	89.1	89.3	89.6	89.8	9 .1
≥ 600		3.2	56.7	71.1	75.4	76.0	81.9	6.4	88.0	89.8	90.2	90.6	90.9	91.2	91.4	91.7
≥ 500		3.2	56.7	71.3	75.8	76.4	82.7	87.7	89.6	91.7	92.1	92.6	92.9	93.2	93.4	93.7
≥ 400		3.2	56.7	71.4	75.9	76.6	83.	88.3	90.3	92.9	93.4	93.9	94.3	94.6	94.9	95.2
≥ 300		3.2	56.7	71.4	75.9	76.6	83.2	88.5	9 .7	93.6	94.2	94.8	95.3	96.	96.4	97.1
≥ 200		3.2	56.7	71.4	76.0	6.7	83.2	88.6	90.9	93.9	94.6	95.3	96.0	97.1	97.6	98.5
≥ 100		3.2	56.7	71.4	76.	76.7	83.2	88.6	90.9	93.9	94.6	95.3	96.0	97.1	98.1	99.7
≥ 0		3.2	56.7	71.4	76.	76.7	83.2	88.6	90.9	93.9	94.6	95.3	96.0	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]7	ILDENHALL RAF UK	4-8[illegible]	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 000-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥⅜ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		2.0	33.[illegible]	36.8	37.4	37.4	[illegible]	39.2	39.4	39.5	39.5	39.6	39.7	39.7	39.7	40.1
≥ 20000		33.[illegible]	35.3	38.7	39.5	39.5	40.3	41.7	41.8	41.9	41.9	42.	42.2	42.2	42.2	42.6
≥ 18000		33.	3[illegible].4	38.8	39.6	39.6	40.3	41.8	41.9	42.0	42.	42.2	42.3	42.3	42.3	42.7
≥ 6000		33.	35.4	38.8	39.6	39.6	40.3	41.8	41.9	42.0	42.0	42.2	42.3	42.3	42.3	42.7
≥ 14000		33.	35.4	38.8	39.6	39.6	4[illegible].3	41.8	41.9	4[illegible].0	42.0	42.2	42.3	42.3	42.3	42.7
≥ 12000		3[illegible].1	35.7	39.1	39.9	39.9	4[illegible].6	42.2	42.3	42.4	42.4	42.5	42.6	4[illegible].6	42.6	43.[illegible]
≥ 10000		34.	36.6	40.3	41.1	41.1	41.8	43.3	43.4	43.5	43.5	43.7	43.8	43.8	43.8	44.2
≥ 9000		35.	[illegible]7.4	41.2	41.9	41.9	42.7	44.2	44.3	44.4	44.4	44.5	44.6	44.6	44.6	45.1
≥ 8000		[illegible].5	4[illegible].2	44.1	44.9	44.9	4[illegible].6	47.1	47.2	47.3	47.3	47.4	47.5	47.5	47.5	48.
≥ 7000		3[illegible].7	41.4	45.3	46.	46.7	46.[illegible]	49.3	48.4	48.5	48.5	4[illegible].6	48.7	48.7	48.7	49.1
≥ 6000		[illegible]0.2	41.[illegible]	45.8	46.6	46.6	47.3	49.8	48.9	49.	49.[illegible]	49.1	49.2	49.2	49.2	49.7
≥ 5000		3.0	44.[illegible]	48.7	49.5	49.5	50.2	51.7	51.8	51.9	51.9	52.	52.2	52.2	52.2	52.6
≥ 4500		4[illegible].2	[illegible]9.2	52.8	53.5	53.5	54.3	55.8	55.9	56.0	56.	56.1	56.2	56.2	56.2	56.7
≥ 4000		4[illegible].7	51.[illegible]	56.[illegible]	57.5	57.6	58.[illegible]	60.4	60.6	60.8	60.8	60.9	61.0	61.	61.0	61.4
≥ 3500		52.	55.2	6[illegible].5	61.5	61.6	62.7	64.5	64.7	6[illegible].8	64.8	64.9	65.1	65.1	65.1	65.5
≥ 3000		5[illegible].1	58.6	64.5	65.9	66.1	67.2	69.1	69.4	69.6	69.6	69.7	69.8	69.8	69.8	70.2
≥ 2500		5[illegible].1	61.6	68.6	70.[illegible]	70.3	71.5	73.5	73.8	74.	74.0	74.1	74.2	74.2	74.2	74.6
≥ 2000		3.3	65.	73.4	74.8	75.2	76.3	78.4	78.6	78.8	78.8	78.9	79.[illegible]	79.0	79.0	79.5
≥ 1800		[illegible]3.[illegible]	66.3	73.9	75.[illegible]	7[illegible].6	76.6	78.8	79.0	79.2	79.2	79.4	79.5	79.5	79.5	79.9
≥ 1500		6.7	69.2	77.5	79.	79.4	8[illegible].9	83.0	8[illegible].2	83.4	83.4	83.5	83.7	83.7	83.7	84.1
≥ 1200		5.	7[illegible].5	79.2	81.[illegible]	81.3	82.9	85.2	85.5	85.7	85.7	85.8	85.9	85.[illegible]	85.9	86.3
≥ 1000		6.1	71.[illegible]	80.8	82.[illegible]	83.[illegible]	85.1	87.4	87.7	88.1	88.1	88.2	88.3	88.3	88.3	88.7
≥ 900		6.3	72.0	81.3	83.3	83.7	85.[illegible]	88.3	88.6	88.9	88.9	89.	89.1	89.1	89.1	89.6
≥ 800		6.4	72.4	[illegible]2.2	84.4	84.7	87.1	89.8	90.2	90.5	9[illegible].5	9[illegible].6	90.8	90.8	90.8	91.2
≥ 700		6.5	7[illegible].8	82.6	85.5	85.9	89.2	92.4	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.9
≥ 600		6.5	7[illegible].8	82.7	86.	86.5	9[illegible].4	93.5	94.2	94.5	94.5	94.6	94.7	94.7	94.7	95.2
≥ 500		6.8	73.2	84.	87.6	88.2	92.4	96.1	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.7
≥ 400		6.8	7[illegible].2	84.0	87.6	88.2	92.4	96.1	96.9	97.2	97.4	97.5	97.6	97.6	97.6	98.1
≥ 300		6.8	73.2	[illegible]4.0	87.7	88.3	92.5	96.2	97.1	97.7	98.	98.1	98.2	98.2	98.2	98.5
≥ 200		6.8	73.2	84.	87.7	88.3	92.5	[illegible]6.2	97.1	98.1	98.3	98.4	98.5	98.8	98.8	99.5
≥ 100		6.8	73.2	84.	87.7	88.3	92.5	96.2	97.	98.1	98.3	98.4	98.5	99.0	99.1	100.0
≥ 0		6.8	73.2	84.	87.7	88.3	92.5	96.2	97.1	98.1	98.3	98.4	98.5	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75[illegible] (STATION) [illegible]ILDENHALL RAF (STATION NAME) 4-8[illegible] (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥9 GE9	≥8 GE8	≥6 GE6	≥4 GE48	≥3 GE4	≥2½ GE3	≥2 GE24	≥1½ GE2	≥1 GE1	≥¾ GE12	≥½ GE10	≥⅜ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		[illegible].0	30.2	33.7	35.2	35.2	37.	38.3	38.6	38.7	38.7	38.7	38.8	38.9	38.9	39.2
≥ 20000		[illegible]0.1	31.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 18000		0.1	[illegible]1.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 16000		.1	31.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 14000		.1	31.4	35.3	36.9	37.	39.0	40.8	41.	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 12000		0.2	31.5	35.4	37.[illegible]	37.1	39.1	40.9	41.2	41.4	41.4	41.4	41.5	41.6	41.6	41.9
≥ 10000		30.[illegible]	32.0	35.9	37.5	37.6	39.8	41.5	41.8	42.	42.0	42.0	42.2	42.3	42.3	42.6
≥ 9000		.4	32.7	36.[illegible]	38.5	38.6	41.0	42.7	43.0	43.2	43.2	43.2	43.3	43.4	43.4	43.8
≥ 8000		3.[illegible]	35.3	39.6	41.2	41.[illegible]	43.7	45.4	45.7	45.9	45.9	45.9	46.0	46.1	46.1	46.5
≥ 7000		3.2	36.5	4[illegible].8	42.4	42.5	44.9	46.6	46.9	47.1	47.1	47.1	47.2	47.3	47.3	47.6
≥ 6000		3.3	36.6	4[illegible].9	42.5	42.6	44.9	46.7	47.	47.2	47.2	47.2	47.3	47.4	47.4	47.7
≥ 5000		3.6	38.1	42.4	44.1	44.2	46.6	48.3	48.6	48.8	48.8	48.8	48.9	49.	49.0	49.4
≥ 4500		4[illegible].	[illegible]2.5	47.1	49.0	49.5	51.8	53.5	53.9	54.1	54.1	54.1	54.2	54.3	54.3	54.6
≥ 4000		4.3	47.1	52.5	55.	55.7	58.3	60.0	60.3	60.5	60.5	60.5	60.6	60.8	6[illegible].8	61.1
≥ 3500		4.5	49.4	55.5	58.1	58.7	61.4	63.1	63.4	63.7	63.7	63.7	63.8	63.9	63.9	64.2
≥ 3000		0.6	52.5	58.9	61.7	62.4	65.2	66.9	67.2	67.4	67.4	67.4	67.5	67.6	67.6	68.0
≥ 2500		2.2	54.1	61.5	64.6	65.3	68.3	7[illegible].1	7[illegible].8	71.0	71.0	71.0	71.1	71.2	71.2	71.5
≥ 2000		5.	5[illegible].7	66.0	69.2	70.0	73.5	75.4	76.0	76.3	76.3	76.3	76.5	76.6	76.6	76.9
≥ 1800		5.6	58.8	67.1	7[illegible].3	71.1	74.6	76.5	77.1	77.4	77.4	77.4	77.5	77.6	77.6	78.1
≥ 1500		.3	62.7	72.2	76.7	76.8	8[illegible].4	92.4	83.0	8[illegible].3	83.3	83.3	83.4	83.5	83.5	84.0
≥ 1200		1.2	64.	73.7	77.5	78.3	82.3	94.4	85.1	85.4	85.4	85.4	85.5	85.6	85.6	86.0
≥ 1000		1.5	64.5	74.3	78.2	78.9	83.5	95.7	86.3	86.8	86.8	86.8	86.9	87.	87.0	87.4
≥ 900		2.2	65.5	76.0	79.9	80.6	85.4	87.6	88.3	88.7	88.7	88.7	88.8	88.9	88.9	89.4
≥ 800		32.8	66.1	77.[illegible]	81.1	81.8	86.8	89.1	89.9	90.3	90.3	90.3	90.4	9[illegible].5	9[illegible].5	91.0
≥ 700		32.8	66.1	77.2	81.4	82.3	87.6	9[illegible].2	91.0	91.4	91.4	91.4	91.5	91.6	91.6	92.0
≥ 600		32.8	66.1	77.2	81.7	82.9	88.9	91.6	92.5	92.9	92.9	92.9	9[illegible].0	93.1	93.1	93.5
≥ 500		33.0	66.3	78.3	82.9	84.2	91.	94.0	95.1	95.5	95.5	95.5	95.6	95.7	95.7	96.1
≥ 400		3.3	66.7	78.6	83.2	84.5	91.7	95.1	96.3	96.8	96.8	96.8	96.9	97.	97.0	97.4
≥ 300		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.0	97.1	97.1	97.4	97.5	97.5	98.1
≥ 200		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	97.8	98.5	98.6	99.5
≥ 100		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	98.0	98.9	99.0	100.0
≥ 0		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	98.[illegible]	98.9	99.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5571	ILDENHALL RAF UK	4-8[illegible]	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 600-0800

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 (21)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE4)	≥2 (GE3)	≥1¾ (GE2)	≥1½ (GE2)	≥1 (GE1)	≥¾ (GE1)	≥½ (GE0)	≥⅜ (GE0)	≥5/16 (GE0)	≥¼ (GE0)	≥0 (GE0)
NO CEILING		.0	20.0	22.4	23.7	24.3	25.1	27.[illegible]	27.3	27.5	27.5	27.5	27.5	27.6	27.6	27.7
≥ 20000		22.[illegible]	24.3	27.0	28.7	29.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 18000		[illegible]	24.3	27.0	28.7	29.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 16000		22.[illegible]	24.3	27.[illegible]	28.7	29.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 14000		22.[illegible]	24.3	27.[illegible]	28.7	29.2	31.[illegible]	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 12000		2[illegible].2	24.4	27.3	29.[illegible]	29.6	31.3	32.7	33.2	33.4	33.4	33.4	33.4	33.5	33.5	33.8
≥ 10000		24.[illegible]	26.2	29.1	30.9	31.4	33.1	34.5	35.1	35.4	35.5	35.5	35.6	35.8	35.8	36.[illegible]
≥ 9000		2[illegible]	26.7	30.0	31.9	32.5	34.3	35.7	36.2	36.6	36.7	36.7	36.8	37.[illegible]	37.[illegible]	37.2
≥ 8000		2[illegible].1	3[illegible]	34.6	36.7	37.3	39.2	40.8	41.3	41.6	41.7	41.7	41.8	42.0	42.[illegible]	42.3
≥ 7000		3[illegible].3	31.[illegible]	35.8	38.[illegible]	38.5	4[illegible].8	42.3	42.8	4[illegible].1	43.2	43.2	43.3	43.5	43.5	43.8
≥ 6000		[illegible]0.4	32.[illegible]	35.9	38.1	38.6	4[illegible].9	42.4	42.[illegible]	43.2	43.3	43.3	43.4	43.7	43.7	43.9
≥ 5000		31.5	33.1	37.1	39.2	39.8	42.[illegible]	43.5	44.1	44.4	44.5	44.5	44.6	44.8	44.8	45.1
≥ 4500		34.[illegible]	35.[illegible]	40.5	42.[illegible]	43.4	46.1	47.8	48.4	48.7	48.8	48.9	49.[illegible]	49.4	49.4	49.6
≥ 4000		3[illegible].7	4[illegible].8	45.5	48.2	48.8	[illegible]1.[illegible]	53.7	54.2	54.6	54.7	54.8	54.9	55.3	55.3	55.5
≥ 3500		[illegible]1.1	43.1	48.1	5[illegible].9	51.5	54.7	56.9	57.4	58.0	[illegible]8.1	58.2	58.3	58.6	58.6	58.8
≥ 3000		4[illegible].3	46.7	52.3	55.3	55.9	59.1	61.4	61.9	62.5	62.6	62.7	62.8	63.1	63.1	63.3
≥ 2500		4[illegible].0	49.8	55.8	58.8	59.5	62.8	65.1	65.6	66.1	66.2	66.3	66.5	66.8	66.8	67.[illegible]
≥ 2000		[illegible].4	54.5	61.6	65.3	66.0	69.6	71.9	72.5	73.0	73.1	73.2	73.3	73.7	73.7	73.9
≥ 1800		51.[illegible]	55.1	62.3	65.9	66.7	70.2	[illegible]2.8	73.3	73.9	74.0	74.1	74.2	74.5	74.5	74.7
≥ 1500		3.4	57.[illegible]	65.1	69.2	[illegible].1	74.[illegible]	76.8	77.3	77.8	[illegible]8.2	78.3	78.5	78.8	78.8	79.0
≥ 1200		4.3	58.[illegible]	66.5	7[illegible].9	71.7	75.9	78.8	79.4	8[illegible].0	80.3	8[illegible].4	8[illegible].6	81.0	81.0	91.2
≥ 1000		54.[illegible]	58.9	67.8	72.4	73.2	77.5	8[illegible].4	81.[illegible]	81.7	82.[illegible]	82.2	82.4	82.7	82.7	82.9
≥ 900		5.6	5[illegible].7	[illegible]9.1	73.9	74.7	79.4	82.5	83.0	83.9	84.2	84.4	84.6	84.9	84.9	85.2
≥ 800		5[illegible].1	6[illegible].2	69.8	74.6	75.6	80.5	[illegible]3.9	84.4	85.6	85.9	86.1	86.3	86.7	86.7	86.9
≥ 700		5[illegible].6	6[illegible].6	70.3	75.4	76.3	81.9	85.7	86.[illegible]	87.7	88.2	88.4	88.6	88.9	88.9	89.1
≥ 600		5[illegible].7	6[illegible].8	70.5	75.7	76.8	82.9	87.1	87.7	89.4	89.8	9[illegible].1	90.3	90.[illegible]	90.6	90.9
≥ 500		5[illegible].7	60.8	71.2	76.3	77.4	83.9	88.7	89.6	92.[illegible]	92.5	92.9	93.1	93.4	93.4	93.7
≥ 400		6.[illegible]	61.0	71.4	76.6	77.6	84.1	88.9	90.2	93.2	94.3	94.8	95.4	95.8	95.8	96.[illegible]
≥ 300		56.[illegible]	61.[illegible]	71.4	76.6	77.6	84.1	89.0	90.6	93.9	95.2	95.7	96.5	97.2	97.3	97.6
≥ 200		56.[illegible]	61.[illegible]	71.4	76.6	77.6	84.1	89.[illegible]	90.9	94.1	[illegible]5.4	96.0	96.9	98.1	98.2	99.0
≥ 100		56.[illegible]	61.[illegible]	71.4	76.6	77.6	84.1	89.[illegible]	90.9	94.1	95.4	96.0	96.9	98.1	98.3	100.0
≥ 0		56.[illegible]	61.0	71.4	76.6	77.6	84.1	89.[illegible]	90.9	94.1	95.4	96.[illegible]	96.9	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35771 ILDENHALL RAF K 4-23 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00- 1[illegible]0
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1 GE2	≥¾ GE16	≥½ GE1	≥⅜ GE10	≥¼ GE8	≥3/16 GE5	≥⅛ GE4	≥0 GE0
NO CEILING		1[illegible].5	1[illegible].7	21.	22.[illegible]	22.3	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000		2 .3	24.1	28.2	29.7	29.9	30.3	3[illegible].5	3[illegible].5	30.9	3[illegible].9	3[illegible].9	3[illegible].9	30.9	3[illegible].9	30.9
≥ 18000		2 .	24.1	2[illegible].3	29.9	30.1	30.5	3[illegible].8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 16000		2 .3	24.1	28.3	29.9	30.1	30.5	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000		2 .4	24.2	28.4	3 .1	3[illegible].3	3[illegible].8	31.[illegible]	31.	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000		2 .2	25.1	29.4	31.1	31.3	31.7	31.9	31.9	32.3	32.3	32.3	32.3	3[illegible].3	32.3	32.3
≥ 10000		2 .3	27.0	31.6	33.3	33.5	34.	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 9000		26.	[illegible]7.7	32.4	34.1	34.3	34.7	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 8000		[illegible] .1	31.3	36.1	38.[illegible]	38.[illegible]	38.7	39.0	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 7000		1.	32.2	37.1	38.9	39.2	39.7	4[illegible]	40.	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 6000		1.1	32.3	37.2	39.	39.4	39.8	4[illegible].1	4[illegible].1	4[illegible].4	4[illegible].4	4[illegible].4	40.4	[illegible]0.4	40.4	40.4
≥ 5000		1.4	32.6	37.5	39.4	39.7	4 .1	4[illegible].4	4[illegible].4	4[illegible].8	4[illegible].8	4[illegible].8	4[illegible].8	40.8	4[illegible].8	4[illegible].8
≥ 4500		[illegible]3.[illegible]	34.7	40.4	42.3	42.6	43.2	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 4000		3 .	39.7	45.6	47.7	48.1	49.0	49.8	49.8	50.2	50.2	5 .2	50.2	50.2	50.2	50.2
≥ 3500		[illegible] .4	42.4	49.5	51.9	5[illegible].3	53.3	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 3000		45.	47.8	55.3	57.7	58.1	59.2	6 .0	60.[illegible]	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2500		4 .9	51.6	59.2	61.7	62.	63.2	64.	64.	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000		4.2	57.8	66.1	68.7	69.0	70.2	71.	71.	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800		34.	58.7	66.7	69.5	69.8	71.0	71.7	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1500		5 .4	61.4	7 .6	73.8	74.1	7 .5	76.6	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200		.1	64.1	73.8	77.1	77.5	79.9	81.	81.[illegible]	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000		3[illegible].3	65.1	75.5	79.1	79.7	82.2	83.5	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900		1.5	65.9	77.3	81.1	81.7	84.2	85.7	85.9	87.[illegible]	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800		61.	66.4	78.3	82.7	83.4	86.3	88.3	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700		2.2	67.	78.9	83.5	84.3	87.4	89.6	90.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 600		2.7	67.6	79.8	84.6	85.4	88.9	91.2	91.7	93.8	93.9	94.1	94.2	94.2	94.2	94.2
≥ 500		2.7	67.6	8 .2	85.1	85.9	9 .1	92.9	93.9	96.5	96.7	96.9	97.0	97.0	97.0	97.0
≥ 400		2.7	67.6	80.2	85.1	85.9	90.1	93.1	94.4	97.3	97.5	98.1	98.2	98.2	98.3	98.3
≥ 300		.7	67.6	80.2	85.1	85.9	90.1	93.1	94.5	97.5	97.7	98.3	98.5	98.5	98.6	98.6
≥ 200		2.7	67.6	8 .2	85.1	85.9	90.2	93.2	94.6	97.6	97.8	98.4	98.6	98.8	98.9	99.1
≥ 100		2.7	67.6	8 .2	85.1	85.9	9 .2	93.2	94.6	97.6	97.8	98.4	98.6	98.9	99.0	100.0
≥ 0		2.7	67.6	8 .2	85.1	85.9	9 .2	93.2	94.6	97.6	97.8	98.4	98.6	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75771 (STATION) ILDENHALL RAF UK (STATION NAME) 4-67 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 2-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE19	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥7/16 GE9	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		1 .1	15.7	16.	16.6	16.6	16.9	17.	17.	17.	17.	17.	17.	17.0	17.0	1 .0
≥ 20000		2.0	23.3	23.7	24.2	24.3	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 18000		2.	23.9	23.9	24.4	24.5	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 6000		2.3	23.5	23.9	24.4	24.5	2 .3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 4000		22.	24.	24.3	24.8	24.9	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 2000		23.	24.8	25.2	25.7	25.8	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 10000		24.	26.2	26.7	27.2	27.3	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 9000		24.	26.2	2 .7	27.2	27.3	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 8000		.	27.2	3 .0	30.5	30.6	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 7000		.4	3 .4	31.4	31.9	32.	32.8	33.1	33.	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 6000		.4	30.6	31.4	31.9	32.	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 5000		.9	31.2	31.9	32.5	32.6	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 4500		2.4	33.7	34.5	35.1	35.2	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 4000		7 .7	4 .1	41.7	42.5	42.7	3.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 3500		4.2	45.7	47.5	48.3	48.5	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3000		4.5	56.2	58.5	59.4	59.6	6 .4	61.	61.	61.0	61.0	61.0	61.0	61.0	61.0	1.0
≥ 2500		.9	61.7	64.1	64.9	65.2	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000		6 .5	69.5	2.8	73.9	74.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 1800		6 .3	7 .2	73.5	74.6	74.8	7 .9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 1500		3.5	75.6	79.9	81.3	81.5	83.2	83.8	83.8	8 .9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1200		6.7	78.9	84.3	85.8	86.5	88.7	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 1000		7.1	79.4	84.9	86.5	87.1	89.6	9 .9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 900		7.7	80.1	8 .1	88.1	88.7	91.3	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 800		7.8	8 .2	86.8	88.8	89.6	9 .3	94.5	4.9	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 700		7 .1	8 .4	87.0	89.4	90.1	93.0	95.5	95.9	96.6	96.8	96.9	96.8	96.8	96.9	96.9
≥ 600		7 .5	81.0	87.8	9 .6	91.4	94.5	97.1	97.5	98.2	98.5	98.6	98.6	98.7	98.8	9 .8
≥ 500		7 .5	81.0	87.8	90.6	91.4	94.7	97.5	98.	98.6	98.9	99.	99.0	99.1	99.2	99.2
≥ 400		7 .5	81.0	87.8	90.6	91.4	94.7	97.5	98.0	98.8	99.1	99.2	99.2	99.5	99.6	99.6
≥ 300		7 .5	81.	87.8	90.6	91.4	94.7	97.5	98.0	98.8	99.1	99.4	99.4	99.8	99.9	99.9
≥ 200		7 .5	81.	87.8	90.6	91.4	94.7	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	99.9
≥ 100		7 .5	81.0	87.8	9 .6	91.4	94.7	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	100.0
≥ 0		7 .5	81.0	87.8	90.6	91.4	94.7	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	1 0.0

TOTAL NUMBER OF OBSERVATIONS 372

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	[illegible]	MAR

HOURS (LST): 0-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE9	≥4 GE6	≥3 GE48	≥2 GE4	≥2 GE3	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE05	≥¼ GE04	≥0 GE[illegible]
NO CEILING		[illegible]	20.5	21.2	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 20000		[illegible]	26.6	27.5	28.7	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 18000		[illegible]	27.2	[illegible]	29.5	29.9	30.0	30.0	30.0	30.0	30.0	[illegible]	[illegible]	[illegible]	[illegible]	30.0
≥ 16000		[illegible]	27.5	28.6	29.8	29.8	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	[illegible]	[illegible]
≥ 14000		[illegible]	27.6	28.7	29.9	29.9	[illegible]	[illegible]	[illegible]	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 12000		[illegible]	28.4	29.5	[illegible]	[illegible]	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 10000		[illegible]	30.[illegible]	31.9	33.1	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000		[illegible]	[illegible]	32.4	33.5	33.5	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 8000		[illegible]	34.	36.3	37.5	37.5	38.1	[illegible]	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 7000		[illegible]	35.7	38.3	39.5	39.5	[illegible]	[illegible]	[illegible]	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000		[illegible]	36.7	38.3	39.5	39.5	[illegible]	[illegible]	[illegible]	40.0	40.0	40.0	[illegible]	40.0	40.0	40.0
≥ 5000		[illegible]	37.8	39.5	40.6	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 4500		[illegible]	41.	43.8	44.9	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 4000		[illegible]	[illegible]	52.2	53.5	53.[illegible]	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500		[illegible]	54.6	57.1	58.5	58.5	59.[illegible]	59.[illegible]	59.[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3000		[illegible]	61.3	64.4	65.[illegible]	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.[illegible]	66.5	66.5
≥ 2500		[illegible]	67.8	71.6	73.5	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000		[illegible]	73.4	[illegible]	79.9	79.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800		[illegible]	74.1	78.4	[illegible]	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500		[illegible]	78.4	83.9	86.3	86.3	87.7	88.	88.	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200		[illegible]	80.4	86.9	[illegible]	[illegible]	91.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000		[illegible]	81.2	87.7	91.7	91.0	92.8	94.1	94.4	94.4	94.4	94.4	94.8	94.4	94.4	94.4
≥ 900		[illegible]	81.8	[illegible]	91.9	91.9	93.8	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		[illegible]	82.2	88.8	92.3	[illegible]	94.3	[illegible]	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700		[illegible]	82.2	88.9	92.5	92.7	94.5	96.6	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0		[illegible]	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE (MAC)

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-87	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2300

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS) ≥10 (16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4)	≥2 (GE3.2)	≥1¾ (GE2.8)	≥1½ (GE2)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE0.8)	≥⅜ (GE0.6)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		2[illegible].6	29.3	29.6	3[illegible].7	[illegible].1	31.1	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8
≥ 20000		32.[illegible]	33.2	35.2	35.6	35.7	36.9	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5
≥ 18000		3[illegible].	33.4	35.4	35.8	35.9	37.0	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7
≥ 16000		33.1	33.	35.8	36.2	36.[illegible]	37.4	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 14000		33.1	33.	35.8	36.2	36.3	37.4	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 12000		33.[illegible]	34.3	36.2	36.7	36.8	37.8	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 10000		3[illegible].4	36.1	38.1	38.5	38.6	39.7	4[illegible].3	4[illegible].3	4[illegible].3	4[illegible].3	4[illegible].3	4[illegible].4	4[illegible].4	4[illegible].4	4[illegible].4
≥ 9000		3[illegible].7	37.7	3[illegible].9	39.4	39.5	40.5	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
≥ 8000		41.	42.3	44.8	45.4	45.5	4[illegible].6	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 7000		42.	43.9	45.9	46.5	46.6	47.6	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
≥ 6000		3.7	43.7	46.	46.6	46.7	47.7	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
≥ 5000		4.7	44.8	47.0	47.5	47.6	48.7	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
≥ 4500		4[illegible].	50.2	52.5	53.2	53.3	54.4	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 4000		4.6	56.	58.9	59.7	59.8	61.0	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 3500		5[illegible].4	61.2	64.7	65.5	65.6	66.8	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 3000		63.	65.8	69.9	7[illegible].9	71.7	72.3	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 2500		6[illegible].5	69.5	73.3	74.3	74.5	76.[illegible]	76.9	77.[illegible]	77.0	77.[illegible]	77.[illegible]	77.1	77.1	77.1	77.1
≥ 2000		6[illegible].0	71.5	7[illegible].1	79.1	79.4	81.0	81.8	81.9	81.9	81.9	81.9	82.[illegible]	82.0	82.[illegible]	82.[illegible]
≥ 1800		6[illegible].6	72.	78.8	8[illegible].1	80.3	81.9	82.8	82.9	82.9	82.9	92.9	83.0	83.	83.0	83.0
≥ 1500		2.4	75.1	82.7	84.	84.2	85.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1200		74.0	77.1	85.7	87.4	87.6	9[illegible].3	91.4	91.6	91.6	91.6	91.6	9[illegible].7	91.7	91.7	91.7
≥ 1000		74.2	77.4	86.7	88.9	89.2	92.	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 900		4.[illegible]	77.5	7[illegible].0	89.5	89.8	92.7	94.4	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800		74.5	77.8	87.4	9[illegible].7	90.3	93.4	5.4	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 700		74.7	78.1	87.8	9[illegible].4	90.8	94.1	96.[illegible]	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600		74.7	78.1	88.2	91.	91.4	95.2	97.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500		74.7	78.1	88.2	91.0	91.4	95.3	97.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400		74.7	7[illegible].1	88.2	91.0	91.4	95.3	97.5	99.0	99.6	99.8	99.9	1[illegible].0	100.0	100.0	100.0
≥ 300		74.7	78.1	88.2	91.0	91.4	95.3	97.5	99.0	99.6	99.8	99.9	100.0	100.[illegible]	100.0	100.0
≥ 200		74.7	78.1	88.2	91.	91.4	95.3	97.5	99.[illegible]	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100		74.7	78.1	88.2	91.	91.4	95.3	97.5	99.	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0		74.7	78.1	88.2	91.0	91.4	95.3	97.5	99.	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7577	WILDENHALL RAF UK	4-87	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1 0-2300

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥9 (≥14)	≥5 (≥8)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥0.8)	≥⅜ (≥0.6)	≥¼ (≥0.4)	≥⅛ (≥0.2)	≥0 (≥0)
NO CEILING		32.2	33.1	35.5	36.7	36.7	37.6	38.	38.	38.1	38.1	38.2	38.2	38.2	38.2	38.2
≥ 20000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.	42.0	42.0	42.0	42.0
≥ 18000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.	42.0	42.0	42.0	42.0
≥ 16000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0
≥ 14000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0
≥ 12000		34.1	36.5	39.5	40.1	40.1	41.7	42.	42.	42.2	42.2	42.3	42.3	42.3	42.3	42.3
≥ 10000		35.7	37.2	40.4	41.1	41.1	42.7	43.	43.	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 9000		37.5	37.8	41.1	41.7	41.7	43.3	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9
≥ 8000		41.0	43.	46.2	46.9	46.9	48.5	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.	49.0
≥ 7000		42.4	43.9	47.	47.6	47.6	49.2	49.6	49.6	49.7	49.	49.8	49.8	49.8	49.8	49.8
≥ 6000		42.4	43.9	47.	47.6	47.6	49.2	49.6	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8
≥ 5000		44.0	45.4	48.6	49.2	49.2	50.7	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4
≥ 4500		44.[illegible]	49.7	52.0	52.8	52.8	54.4	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4
≥ 4000		51.3	53.1	56.6	57.7	57.7	59.4	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5
≥ 3500		55.1	58.2	62.3	63.4	63.4	65.1	66.	66.	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 3000		55.7	61.9	66.8	68.2	68.2	69.8	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3
≥ 2500		63.2	65.5	71.4	72.9	72.9	74.6	75.9	75.9	76.	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000		65.	68.8	75.6	77.1	77.1	78.8	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
≥ 1800		66.7	69.6	76.3	77.8	77.8	79.7	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2
≥ 1500		66.2	72.3	79.8	81.4	81.4	83.5	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1
≥ 1200		70.8	74.2	82.6	84.2	84.2	86.5	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 1000		71.8	75.3	84.5	86.5	86.5	89.	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 900		72.0	75.5	85.5	87.5	87.6	90.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 800		72.5	76.7	86.7	89.7	89.4	92.4	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1
≥ 700		72.8	77.2	87.4	89.9	89.4	93.5	96.1	96.	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 600		72.8	77.2	87.5	90.2	90.8	93.9	96.5	96.8	97.	97.0	97.1	97.1	97.1	97.1	97.1
≥ 500		72.9	77.4	87.8	90.5	91.1	94.3	96.9	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 400		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 300		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8
≥ 100		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	100.0
≥ 0		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]7[illegible] — STATION
ILDENHALL RAF K — STATION NAME
4-8[illegible] — YEARS
MA[illegible] — MONTH
[illegible] — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 [illegible]	≥6 [illegible]9	≥5 GE[illegible]	≥4 GE [illegible]	≥3 GE4[illegible]	≥2[illegible] GE40	≥2 GE32	≥1[illegible] [illegible]24	≥1[illegible] G[illegible]	≥1 GE16	≥1[illegible] GE12	≥1[illegible] GE1[illegible]	≥[illegible] GE[illegible]8	≥5/16 GE[illegible]	≥[illegible] GE[illegible]4	≥0 GE[illegible]
NO CEILING		[illegible] .1	25.	27.[illegible]	27.[illegible]	28.[illegible]	[illegible]3.9	29.6	[illegible] .7	29.7	29.7	29.7	29.8	29.8	29.8	29.9
≥ 20000		[illegible] .2	29.3	31.8	32.9	33.	34.1	34.9	35.	35.1	[illegible]5.1	35.1	35.2	35.2	35.2	35.3
≥ 18000		[illegible] .3	29.4	32.	33.1	[illegible]3.2	34.3	35.1	35.2	35.3	35.3	35.3	35.4	35.4	[illegible]5.4	35.5
≥ [illegible]6000		[illegible] .4	29.5	32.1	33.2	[illegible]3.3	34.4	35.2	35.3	35.4	35.4	35.4	35.5	35.5	35.5	35.6
≥ [illegible]4000		[illegible] .5	29.	32.2	33.3	[illegible]3.4	34.5	35.3	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.7
≥ 12000		[illegible] .	3[illegible].1	32.7	33.8	[illegible]3.9	3[illegible] .0	35.8	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.2
≥ 10000		[illegible] .3	31.5	34.3	35.3	35.5	36.6	37.4	37.5	37.6	37.	37.7	37.7	37.8	37.8	37.9
≥ 9000		3[illegible].	32.1	34.9	36.	[illegible]6.2	37.3	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.6
≥ 8000		34.	35.9	39.0	40.1	40.3	41.5	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.8
≥ 7000		35.	[illegible]7.1	40.2	41.3	41.5	42.7	43.5	43.6	43.8	43.8	43.8	43.9	43.9	43.9	44.
≥ 6000		[illegible] .	37.2	4[illegible].3	41.5	41.6	42.8	43.6	43.8	43.9	43.9	43.9	44.0	44.0	44.[illegible]	44.1
≥ 5000		[illegible] .	38.5	41.6	42.8	42.9	44.1	44.9	45.	45.2	45.2	45.2	45.3	45.3	45.3	45.4
≥ 4500		4[illegible].	42.	45.5	46.7	46.9	48.2	49.1	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.6
≥ 4000		4[illegible] .6	47.2	51.2	52.7	53.0	54.4	55.5	55.6	55.8	55.8	55.8	55.9	55.9	55.9	56.[illegible]
≥ 3500		4[illegible] .5	51.2	5[illegible].6	57.3	57.5	59.0	60.1	60.2	60.4	6[illegible] .4	6[illegible].5	6[illegible].5	60.6	6[illegible].6	6[illegible].7
≥ 3000		4.4	56.4	61.3	63.1	63.4	6[illegible] .0	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.7
≥ 2500		5[illegible] .	6[illegible].1	65.7	67.6	67.9	69.6	7[illegible] .8	71.	71.2	71.2	71.2	71.3	71.3	71.3	71.5
≥ 2000		[illegible].3	64.9	71.4	73.5	73.8	75.1	76.9	77.1	77.3	77.4	77.4	77.4	77.5	77.5	77.6
≥ 1800		3.0	65.6	72.2	74.3	74.6	76.9	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 1500		6.1	69.0	6.5	78.9	79.2	81.4	82.8	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.6
≥ 1200		6 .8	7 .9	79.1	81.7	[illegible] .1	84.8	[illegible]6.4	86.6	86.9	86.9	87.0	87.0	87.1	87.1	87.2
≥ 1000		6 .5	71.7	8 .3	83.1	83.6	86.9	88.3	88.6	89.0	89.0	8[illegible] .0	89.1	89.2	89.2	89.3
≥ 900		6 .9	7[illegible].3	81.4	84.4	84.9	87.8	89.9	9 .3	90.8	9[illegible].8	9[illegible].9	9[illegible].0	91.0	91.0	91.2
≥ 800		6 .3	72.8	82.1	85.4	85.9	89.1	91.5	92.1	92.6	92.6	92.7	92.8	92.8	92.8	93.[illegible]
≥ 700		6 .5	73.1	82.5	86.0	86.6	90.2	92.8	93.4	94.0	94.1	94.2	94.3	94.3	94.3	94.5
≥ 600		6 .6	73.3	82.9	86.6	87.3	91.3	[illegible]4.0	94.7	95.5	95.6	95.7	95.8	95.8	95.9	96.[illegible]
≥ 500		6 .7	73.4	83.4	87.2	87.9	92.2	95.2	96.1	97.0	97.2	97.3	97.4	97.5	97.5	97.6
≥ 400		6 .8	73.4	83.4	87.2	88.	92.3	95.4	96.5	97.6	97.9	98.1	98.2	98.3	99.4	98.5
≥ 300		6[illegible].8	73.4	83.4	87.2	88.0	92.3	95.4	96.6	97.9	98.2	98.4	98.6	98.8	98.8	99.0
≥ 200		6 .8	73.4	83.4	87.2	88.0	92.3	95.5	96.7	98.[illegible]	98.4	98.6	98.8	99.2	99.3	99.6
≥ 100		6 .8	73.4	83.4	87.2	88.0	92.3	95.5	96.7	98.0	98.4	98.6	98.9	99.3	99.4	1[illegible] 0.0
≥ 0		6[illegible].8	73.4	83.4	87.2	88.	92.3	95.5	96.7	98.0	98.4	98.6	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	APR

HOURS LST: 000-0300

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 (≥15)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥48)	≥2½ (≥4)	≥2 (≥32)	≥1½ (≥24)	≥1¼ (≥2)	≥1 (≥16)	≥¾ (≥1)	≥½ (≥10)	≥¼ (≥08)	≥3/16 (≥05)	≥¼ (≥04)	≥0 (≥0)
NO CEILING		32.1	33.[illegible]	37.3	38.[illegible]	38.2	4[illegible].0	40.2	40.3	40.4	40.4	40.6	40.6	40.6	40.9	41.2
≥ 20000		3[illegible].3	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 18000		3[illegible]	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.[illegible]	45.8	45.8	46.1	46.4
≥ 16000		3[illegible].3	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 14000		3[illegible].3	38.1	42.2	43.[illegible]	43.2	45.1	45.3	45.6	45.7	45.[illegible]	45.8	45.8	45.8	46.1	46.4
≥ 12000		3[illegible].3	38.1	42.2	43.[illegible]	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 10000		3[illegible].1	38.9	43.1	43.9	44.1	46.1	46.3	46.6	46.7	46.7	46.8	46.8	46.8	47.1	47.4
≥ 9000		3[illegible].0	39.8	44.0	44.8	45.0	47.0	47.2	47.4	47.6	47.6	47.7	47.7	47.7	48.[illegible]	48.3
≥ 8000		[illegible]1.1	43.2	48.4	49.3	49.6	51.6	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.6	52.9
≥ 7000		42.6	44.7	49.9	5[illegible].8	51.[illegible]	53.1	53.3	53.6	5[illegible].7	53.7	53.8	53.8	53.8	54.1	54.4
≥ 6000		42.6	44.7	5[illegible].1	51.[illegible]	51.2	53.3	53.6	53.8	53.9	53.9	54.[illegible]	54.0	54.0	54.3	54.7
≥ 5000		[illegible]4.0	46.2	52.2	53.3	53.6	55.7	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.7	57.[illegible]
≥ 4500		4[illegible].2	49.7	57.1	58.3	58.6	60.7	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.7	62.[illegible]
≥ 4000		2.3	55.2	63.3	64.9	65.2	67.4	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.6	68.9
≥ 3500		5.2	58.2	66.7	68.2	68.6	71.[illegible]	71.2	71.4	71.6	71.[illegible]	71.7	71.7	71.7	72.0	72.3
≥ 3000		5[illegible].6	61.[illegible]	69.8	71.3	71.7	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.2	75.6
≥ 2500		7[illegible].4	62.9	72.1	73.7	74.0	76.8	77.[illegible]	77.2	77.3	77.4	77.6	77.6	77.6	77.9	78.2
≥ 2000		4.1	67.[illegible]	77.2	79.1	79.4	82.2	82.4	82.7	82.8	82.9	83.[illegible]	83.0	83.0	83.3	83.7
≥ 1800		4.7	68.1	77.8	79.7	80.0	82.[illegible]	83.0	83.2	83.3	83.4	83.6	83.6	83.6	83.9	84.2
≥ 1500		6[illegible].6	71.2	81.3	83.2	83.6	86.3	86.6	86.8	86.9	87.0	87.1	87.1	87.1	87.4	87.8
≥ 1200		6[illegible].0	72.9	83.7	85.7	86.[illegible]	88.8	89.[illegible]	89.2	89.3	89.4	89.6	89.6	89.6	89.9	90.2
≥ 1000		6[illegible].4	73.3	84.6	86.6	86.9	89.7	89.9	9[illegible].1	90.2	90.3	9[illegible].4	90.4	90.4	91.8	91.1
≥ 900		[illegible]0.2	74.1	85.7	87.7	88.1	90.9	91.2	91.4	91.6	91.7	91.8	91.8	91.8	92.1	92.4
≥ 800		[illegible].8	75.[illegible]	86.9	88.9	89.3	92.2	[illegible]2.6	92.8	92.9	93.0	93.1	93.1	93.1	93.4	93.8
≥ 700		7[illegible].9	75.3	87.8	9[illegible].4	90.4	93.5	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.6	94.9
≥ 600		[illegible]1.2	75.8	88.2	9[illegible].4	90.9	93.8	94.2	94.4	94.6	94.7	94.9	94.9	94.9	95.2	95.6
≥ 500		71.4	76.2	88.9	91.2	91.7	94.8	95.2	95.4	95.6	95.7	95.9	95.9	95.9	96.2	96.6
≥ 400		[illegible]1.4	76.2	89.0	91.7	92.1	95.7	96.4	96.7	96.8	96.9	97.1	97.1	97.1	97.4	97.8
≥ 300		71.4	76.2	89.[illegible]	91.7	9[illegible].2	95.8	97.2	97.6	97.7	97.8	98.0	98.0	98.0	98.3	98.7
≥ 200		71.4	76.2	89.[illegible]	91.7	92.2	95.8	97.3	97.7	97.9	98.1	98.3	98.3	98.7	99.0	99.6
≥ 100		71.4	76.2	89.[illegible]	91.7	92.2	95.8	97.3	97.7	97.9	98.2	98.4	98.6	98.9	99.4	100.0
≥ 0		71.4	76.2	89.0	91.7	92.2	95.9	97.3	97.7	97.9	98.2	98.4	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75171 — STATION
ILDENHALL RAF UK — STATION NAME
4-87 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-2500 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1)	≥½ (≥0.8)	≥⅜ (≥0.6)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (≥0)
NO CEILING		2[illegible]	25.3	30.2	31.3	31.4	33.1	33.4	33.[illegible]	34.3	34.3	34.3	34.6	34.7	34.7	35.6
≥ 20000		2[illegible].3	28.9	33.8	35.1	35.2	37.0	37.4	37.9	38.4	38.4	38.4	38.7	38.9	38.9	39.8
≥ 18000		2[illegible]	29.0	34.3	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.[illegible]	39.2	39.2	4[illegible].1
≥ 16000		2[illegible].3	29.[illegible]	34.3	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.0	39.2	39.2	4[illegible].2
≥ 14000		2[illegible].3	29.[illegible]	34.0	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.0	39.2	39.2	40.1
≥ 12000		2[illegible].3	29.0	34.[illegible]	35.3	35.4	37.4	37.9	38.3	39.[illegible]	39.3	39.0	39.2	39.4	39.4	40.3
≥ 10000		2[illegible].6	29.3	34.4	35.8	35.9	37.9	38.3	38.8	39.4	39.4	39.4	39.7	39.9	39.9	4[illegible].8
≥ 9000		2[illegible]	29.9	35.0	36.3	36.4	38.4	38.9	39.3	40.0	40.[illegible]	40.0	40.2	40.4	40.4	41.3
≥ 8000		3[illegible]	30.9	38.8	4[illegible].3	40.4	42.4	42.[illegible]	43.3	44.0	44.0	44.0	44.2	44.4	44.4	45.3
≥ 7000		31.1	33.4	39.6	41.1	41.2	43.2	43.7	44.1	44.8	44.8	44.8	45.0	45.2	45.2	46.1
≥ 6000		31.4	33.[illegible]	4[illegible].1	41.7	41.9	43.9	44.3	44.8	45.4	45.4	45.4	45.7	45.9	45.9	46.8
≥ 5000		32.[illegible]	35.1	41.6	43.1	43.3	45.1	46.1	46.7	47.4	47.4	47.4	47.7	47.9	47.9	48.8
≥ 4500		34.[illegible]	37.7	44.[illegible]	46.6	46.8	49.1	49.6	50.1	50.9	50.9	5[illegible].9	51.1	51.3	51.3	52.2
≥ 4000		41.2	44.4	52.2	54.3	54.6	57.3	5[illegible].8	58.6	59.3	59.3	59.3	59.6	59.8	59.9	6[illegible].3
≥ 3500		43.[illegible]	47.3	55.8	57.9	58.1	61.4	61.9	62.7	63.4	63.4	63.4	63.7	63.9	64.0	64.9
≥ 3000		4[illegible].2	50.9	6[illegible].0	62.2	62.4	66.3	66.9	67.7	68.6	68.6	68.6	68.8	69.0	69.1	70.1
≥ 2500		51.4	55.1	64.2	66.8	67.0	70.9	71.6	72.3	73.2	73.2	73.2	73.6	73.8	73.9	74.9
≥ 2000		5[illegible].4	5[illegible].1	6[illegible].7	71.8	72.0	76.1	76.8	77.7	78.6	78.6	78.6	78.9	79.1	79.2	8[illegible].2
≥ 1800		5[illegible]	59.7	69.6	72.7	7[illegible].9	77.0	77.7	78.6	79.4	79.4	79.4	79.8	80.0	8[illegible].1	81.1
≥ 1500		5[illegible].6	63.3	73.9	77.1	77.3	81.4	82.1	83.7	8[illegible].9	83.9	83.9	84.2	84.4	84.6	85.6
≥ 1200		6[illegible].2	64.3	75.3	78.6	78.8	83.1	83.8	84.7	85.6	85.6	85.6	85.9	86.1	86.2	87.2
≥ 1000		6[illegible].3	64.9	76.1	79.3	79.6	84.[illegible]	84.7	85.6	86.4	86.4	86.4	86.8	87.[illegible]	87.1	88.1
≥ 900		61.2	65.6	76.9	80.1	80.3	84.8	85.4	86.3	87.2	87.2	87.2	87.6	87.8	87.9	88.9
≥ 800		61.6	66.[illegible]	77.6	81.8	81.0	85.6	86.6	87.4	88.3	88.3	88.3	88.7	88.9	89.[illegible]	90.0
≥ 700		61.7	66.1	77.8	81.[illegible]	81.2	85.9	87.[illegible]	87.9	88.8	88.8	88.8	89.1	89.3	89.4	90.4
≥ 600		62.4	66.9	78.9	82.3	82.6	87.9	89.1	9[illegible].3	90.9	90.9	91.0	9[illegible].3	91.6	91.7	92.7
≥ 500		62.4	66.9	79.2	83.1	83.3	88.9	9[illegible].1	91.[illegible]	91.9	91.9	92.[illegible]	92.3	92.7	92.8	93.8
≥ 400		62.4	67.0	80.1	84.3	84.6	90.1	91.7	92.6	93.4	93.4	93.6	93.9	94.2	94.3	95.3
≥ 300		62.4	67.[illegible]	80.1	84.3	84.6	90.2	92.7	94.1	95.1	95.1	95.2	95.7	96.1	96.2	97.2
≥ 200		62.4	67.[illegible]	80.1	84.4	84.7	9[illegible].3	92.8	94.4	95.6	95.6	95.8	96.4	97.2	97.3	99.0
≥ 100		62.4	67.0	8[illegible].1	84.4	84.7	9[illegible].3	92.8	94.4	95.6	95.6	95.8	96.6	97.6	98.1	100.0
≥ 0		62.4	67.0	80.1	84.4	84.7	90.3	92.8	94.4	95.6	95.6	95.8	96.6	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	[illegible]-8[illegible]	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-0800

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE05	≥ GE04	≥0 GE[illegible]
NO CEILING		1[illegible].6	1[illegible].9	23.3	24.6	24.6	27.[illegible]	28.[illegible]	28.6	28.8	29.1	29.1	29.2	29.3	29.4	29.6
≥ 20000		23.0	23.[illegible]	28.6	30.2	30.2	33.0	34.2	34.8	35.[illegible]	35.3	35.3	35.4	35.6	35.7	35.8
≥ 18000		2[illegible].[illegible]	24.1	28.9	31.6	30.6	33.3	34.6	35.1	35.3	35.7	35.7	35.8	35.9	36.[illegible]	36.1
≥ 16000		2[illegible].3	24.1	28.9	3[illegible].6	30.6	33.3	34.6	35.1	35.3	35.7	35.7	35.8	35.9	36.[illegible]	36.1
≥ 14000		2[illegible].3	24.1	28.9	3[illegible].6	30.6	33.3	34.6	35.[illegible]	35.3	35.7	35.7	35.8	35.9	36.0	36.1
≥ 12000		23.[illegible]	24.3	29.1	3[illegible].8	30.8	33.6	34.9	35.4	35.7	36.[illegible]	36.[illegible]	36.[illegible]	36.2	36.3	36.4
≥ 10000		24.[illegible]	25.7	30.7	32.3	32.3	35.1	36.4	37.[illegible]	37.2	37.6	37.6	37.7	37.8	37.9	38.[illegible]
≥ 9000		[illegible].4	26.[illegible]	31.8	33.4	33.4	36.2	37.7	38.2	38.4	38.8	38.8	38.9	39.[illegible]	39.1	39.2
≥ 8000		[illegible].1	2[illegible].3	34.1	35.[illegible]	35.9	39.1	40.7	41.2	41.6	41.9	41.9	42.0	42.1	42.2	42.3
≥ 7000		[illegible].1	29.3	35.3	37.2	37.2	4[illegible].4	42.[illegible]	42.6	4[illegible].9	43.2	43.2	43.3	43.4	43.6	43.7
≥ 6000		[illegible].7	3[illegible].0	36.1	38.[illegible]	38.1	41.8	43.3	43.9	44.2	44.6	44.6	44.7	44.8	44.9	45.[illegible]
≥ 5000		30.[illegible]	32.4	38.7	40.7	40.8	44.4	46.7	47.2	47.7	48.[illegible]	48.1	48.2	48.3	43.4	48.6
≥ 4500		34.[illegible]	[illegible]6.9	43.8	45.9	46.1	50.0	52.2	52.8	53.4	53.8	53.9	54.[illegible]	54.1	54.2	54.3
≥ 4000		[illegible].4	4[illegible].3	48.9	51.3	51.7	55.7	57.9	58.4	59.2	59.7	59.8	59.9	60.0	6[illegible].1	60.2
≥ 3500		[illegible].2	45.[illegible]	53.2	56.[illegible]	56.6	6[illegible].6	63.[illegible]	63.6	64.4	[illegible]5.1	65.2	65.3	65.4	65.6	65.7
≥ 3000		4[illegible].0	48.1	57.[illegible]	59.9	6[illegible].6	64.8	67.4	68.2	69.3	7[illegible].0	7[illegible].1	7[illegible].2	70.3	70.4	70.6
≥ 2500		4[illegible].8	51.1	60.1	63.1	63.8	68.1	7[illegible].8	71.6	72.7	73.3	73.4	73.6	73.7	73.8	73.9
≥ 2000		51.[illegible]	[illegible]5.6	64.7	67.8	68.4	72.8	75.4	76.3	77.4	78.1	78.2	78.3	78.4	78.6	78.7
≥ 1800		2.2	55.9	65.2	68.[illegible]	69.0	73.3	76.0	76.9	78.0	78.7	78.8	78.9	79.[illegible]	79.1	79.2
≥ 1500		5.6	5[illegible].4	69.2	72.3	73.[illegible]	77.3	8[illegible].0	80.9	82.0	82.7	82.9	83.0	83.1	83.2	83.3
≥ 1200		56.[illegible]	6[illegible].8	7[illegible].9	74.1	74.8	79.3	82.2	83.2	84.4	85.1	85.3	85.4	85.6	85.7	85.9
≥ 1000		5[illegible].8	61.7	72.0	75.2	75.9	8[illegible].6	83.6	84.6	85.8	86.4	86.7	86.8	86.9	87.[illegible]	87.[illegible]
≥ 900		5[illegible].1	62.2	73.1	76.3	77.1	81.8	84.8	85.8	87.[illegible]	87.7	87.9	88.0	88.1	88.2	88.3
≥ 800		5[illegible].4	62.7	74.2	77.4	78.2	83.2	86.3	87.3	88.6	89.2	89.4	89.6	89.7	89.8	89.9
≥ 700		5[illegible].7	63.[illegible]	74.9	78.1	78.9	83.9	87.6	88.6	89.8	90.4	90.7	90.8	90.9	91.0	91.1
≥ 600		5[illegible].8	63.1	75.2	78.4	79.3	84.7	88.6	89.7	9[illegible].9	91.6	91.8	91.9	92.0	92.1	92.2
≥ 500		5[illegible].8	63.2	75.7	79.0	79.9	85.4	89.9	91.1	92.8	93.4	93.7	93.8	93.9	94.[illegible]	94.1
≥ 400		5[illegible].8	63.2	75.8	79.2	80.1	85.7	90.6	92.0	94.1	94.8	95.[illegible]	95.1	95.3	95.4	95.6
≥ 300		5[illegible].8	63.2	75.8	79.2	80.1	85.7	90.9	92.7	95.3	96.1	96.4	96.6	96.8	96.9	97.[illegible]
≥ 200		5[illegible].8	63.2	75.8	79.2	8[illegible].1	85.7	9[illegible].9	92.7	95.4	96.2	96.8	97.1	97.8	98.[illegible]	99.2
≥ 100		5[illegible].8	63.2	75.8	79.2	8[illegible].1	85.7	9[illegible].9	92.7	95.4	96.2	96.8	97.1	97.8	98.4	100.0
≥ 0		5[illegible].8	63.2	75.8	79.2	8[illegible].1	85.7	9[illegible].9	92.7	95.4	96.2	96.8	97.1	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15771	ILDENHALL RAF UK	4-87	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST: 000-170

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		2 .0	23.3	26.6	27.4	27.6	27.8	28.1	28.7	28.2	28.2	28.2	28.2	28.7	28.2	28.2
≥ 20000		2 .6	28.3	32.0	32.9	33.0	33.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 18000		2 .6	28.3	32.1	33.0	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 16000		2 .6	28.3	32.1	33.	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 14000		2 .6	28.3	32.1	33.	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000		2 .7	28.4	32.2	33.1	33.2	33.4	33.8	34.	34.3	34.3	34.0	34.0	34.0	34.0	34.0
≥ 10000		.2	30.1	34.0	35.0	35.1	35.3	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 9000		.	30.2	34.1	35.1	35.2	35.4	35.8	36.0	36.0	36.	36.0	36.0	36.0	36.0	36.0
≥ 8000		1.	32.1	36.3	37.3	37.4	38.0	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 7000		2.3	33.4	37.7	38.7	38.8	39.3	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 6000		32.	33.8	38.	39.1	39.2	39.9	4 .2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 5000		33.	34.8	39.4	41.7	41.1	42.	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500		3 .1	36.2	41.0	42.6	42.7	43.9	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 4000		3 .4	41.3	46.3	48.1	48.2	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 3500		4 .1	47.1	52.6	54.4	54.6	55.8	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3000		5.2	57.6	63.1	65.1	65.2	66.4	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500		2.1	64.7	70.2	72.2	72.3	73.6	74.	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2000		6 .8	71.4	77.1	79.2	79.3	80.7	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800		6 .3	72.	77.9	80.2	80.1	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500		3.2	76.	82.7	85.7	85.2	86.9	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200		5.	78.1	85.6	87.9	88.1	89.8	9 .2	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8
≥ 1000		6.3	79.3	87.0	89.4	89.7	91.4	91.9	92.2	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 900		6.6	7 .6	87.6	90.1	90.3	92.1	92.7	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 800		6.7	79.7	87.8	90.7	90.7	92.4	93.1	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 700		6.8	79.9	88.4	91.2	91.4	93.4	94.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 600		7.0	8 .1	88.9	91.8	92.1	94.2	95.1	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 500		7.1	80.1	88.9	91.8	92.0	94.6	95.8	96.7	97.1	97.1	97.1	97.2	97.3	97.3	97.3
≥ 400		7.1	80.2	89.0	91.9	92.1	94.7	96.3	97.2	98.1	98.2	98.2	98.3	98.6	98.6	98.6
≥ 300		7.	80.2	89.0	91.9	92.1	94.7	96.4	97.3	98.4	98.6	98.8	98.9	99.2	99.2	99.2
≥ 200		7.	80.2	89.0	91.9	92.1	94.7	96.4	97.4	98.8	98.7	99.3	99.4	99.8	99.8	99.9
≥ 100		7.0	80.2	89.	91.9	92.1	94.7	96.4	97.4	98.8	98.9	99.3	99.4	99.8	99.9	100.0
≥ 0		7.1	80.2	89.0	91.9	92.1	94.7	96.4	97.4	98.8	98.9	99.3	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
75[illegible]	MILDENHALL RAF [illegible]K	74-8[illegible]	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 1 0-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥⅝ GE0.8	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		[illegible]1.0	21.6	22.8	23.1	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000		[illegible] .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 18000		[illegible] .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 16000		[illegible] .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 14000		[illegible] .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 12000		[illegible] .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000		[illegible] .9	30.4	31.7	32.1	32.1	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 9000		30.	31.1	32.3	32.8	32.8	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 8000		32.	33.1	34.4	34.7	34.9	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 7000		3.	33.[illegible]	35.1	35.7	35.7	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 6000		[illegible].3	34.1	35.4	36.	36.0	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 5000		3 .2	36.0	37.8	38.3	38.3	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 4500		3 .[illegible]	[illegible].8	40.7	41.2	41.2	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 4000		4 .6	46.4	48.9	49.4	49.	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500		[illegible]4.4	55.4	58.2	58.8	58.8	59.	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3000		6 .6	70.8	73.9	74.4	74.4	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500		[illegible]4.7	76.1	79.3	79.9	79.9	8 .1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 2000		[illegible].1	81.7	[illegible]5.6	86.1	86.1	86.6	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800		1.2	82.9	86.8	87.3	87.3	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500		[illegible]3.7	85.6	9 .2	90.9	90.9	91.3	92.	92.	92.[illegible]	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200		5.9	87.8	93.1	94.[illegible]	94.0	94.8	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		[illegible]6.2	88.3	93.9	94.8	94.8	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900		6.[illegible]	88.3	94.0	94.9	94.9	96.1	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800		[illegible]6.2	88.4	94.6	95.6	95.6	96.9	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.	98.0
≥ 700		[illegible]6.2	88.4	94.8	95.8	95.9	97.7	98.6	98.7	98.8	98.8	9[illegible].8	98.8	98.8	98.8	98.8
≥ 600		6.2	88.4	94.9	95.9	96.	97.8	98.9	99.[illegible]	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	10[illegible].0	100.0	100.0	100.0	100.0	100.0
≥ 300		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.[illegible]	100.0
≥ 200		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		[illegible]6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]0

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

STATION	STATION NAME	YEARS	MONTH
15771	ILDENHALL RAF UK	4-83	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1500-1700

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE3	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		23.	23.6	24.7	25.	25.	25.	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000		32.4	33.7	3 .1	34.8	34.8	34.9	35.	35.	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 18000		3 .	33.9	34.3	35.0	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000		32.	33.9	34.3	35.	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 14000		32.	32.9	34.3	35.	35.1	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000		32.	33.1	34.6	35.3	35.2	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 10000		3 .0	35.2	36.9	37.6	37.6	37.1	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 9000		35.	3 .9	37.6	38.2	38.2	33.3	38.4	38.4	38.6	38.6	38.6	33.6	38.6	38.6	38.6
≥ 8000		3 .4	39.7	41.6	42.2	4 .2	42.3	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000		4 .9	4 .1	42.0	42.7	42.7	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 6000		1.1	40.3	42.2	42.9	42.9	43.	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 5000		42.	43.0	44.9	45.7	45.7	45.8	45.9	45.9	46.	46.0	46.0	46.0	46.0	46.0	46.0
≥ 4500		4 .1	9.4	51.9	52.7	52.7	52.8	52.9	52.9	53.0	53.	53.0	53.0	53.0	53.0	53.
≥ 4000		5 .7	59.1	61.7	62.4	62.4	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.	63.0	63.0
≥ 3500		64.	65.4	69.7	69.4	69.4	69.7	7 .0	7 .0	70.1	0.1	70.1	70.1	70.1	70.1	70.1
≥ 3000		6.7	77.4	8 .7	81.4	81.4	81.7	82.	82.	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500		7 .1	80.1	33.9	84.8	84.8	85.	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000		3.3	84.2	8 .3	89.3	89.3	89.7	90.0	90.0	90.2	90.2	9 .2	90.2	90.2	90.2	90.2
≥ 1800		3.4	84.7	88.9	89.9	89.9	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	9 .8
≥ 1500		5.8	87.	91.8	92.8	92.8	93.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		6.9	88.2	93.2	94.4	94.4	95.2	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		7.6	89.0	94.2	95.4	95.6	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900		7.7	89.1	94.4	95.7	95.8	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		7.7	89.1	95.1	96.4	96.6	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		7.7	89.1	95.1	96.4	96.6	97.7	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		7.7	89.1	95.1	96.4	96.7	98.	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		7.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 — STATION
MILDENHALL RAF UK — STATION NAME
4-87 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2300 — HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥7)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1½ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥½ (≥0.8)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (≥0.0)
NO CEILING		33.	34.4	35.4	36.	36.[illegible]	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000		42.[illegible]	43.7	45.6	46.2	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000		4[illegible]	43.[illegible]	45.8	46.4	46.4	46.[illegible]	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000		42.	43.[illegible]	45.8	46.4	46.4	46.[illegible]	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000		43.1	44.1	46.	46.7	46.7	47.[illegible]	47.2	47.3	47.[illegible]	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000		43.1	44.1	46.	46.7	46.7	47.[illegible]	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000		4.2	45.2	47.2	47.9	47.9	49.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000		44.[illegible]	4[illegible].8	47.9	48.6	48.6	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000		4[illegible].6	49.6	52.1	53.[illegible]	5[illegible].0	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 7000		4[illegible].2	5[illegible].2	52.9	53.8	53.8	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000		4[illegible].3	50.3	53.	53.9	53.9	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000		1.1	52.2	55.0	55.9	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500		5[illegible].1	63.6	6[illegible].9	62.8	62.8	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000		4.	65.4	69.1	7[illegible].1	70.1	70.[illegible]	70.9	71.0	71.0	71.0	71.0	71.0	71.[illegible]	71.0	71.0
≥ 3500		6[illegible].8	69.2	73.7	74.7	74.7	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000		4.3	75.9	8[illegible].4	81.4	81.4	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500		76.3	77.9	83.0	84.0	84.0	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000		7[illegible].9	81.[illegible]	87.0	88.0	88.0	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		[illegible].0	81.8	87.1	88.1	88.1	89.1	9[illegible].8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500		1.4	83.2	88.8	89.8	89.8	9[illegible].9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200		2.4	84.4	9[illegible].9	92.2	92.2	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000		3.4	85.6	92.2	93.7	93.8	95.1	95.9	96.	96.0	96.[illegible]	96.0	96.0	96.[illegible]	96.0	96.0
≥ 900		3.4	85.7	92.3	93.9	94.0	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		3.9	86.1	92.9	94.7	94.[illegible]	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		3.9	86.1	93.	95.[illegible]	95.2	96.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		4.2	86.4	93.4	95.7	95.9	97.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		4.2	86.4	93.4	95.7	95.9	97.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		4.	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-6[illegible]	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1.0-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (5[illegible])	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4.9)	≥2½ (GE4)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2)	≥1 (GE1.6)	≥¾ (GE1)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		3.0	38.4	41.8	42.4	42.7	43.1	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.7
≥ 20000		3.0	44.4	47.6	48.2	48.4	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4
≥ 18000		3.0	44.4	47.6	48.2	48.4	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4
≥ 16000		3.	44.4	47.6	48.2	48.	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4
≥ 14000		3.2	44.7	47.8	48.4	48.7	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.7
≥ 12000		3.2	44.7	47.8	48.4	48.7	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.7
≥ 10000		4.7	45.2	48.7	49.3	49.6	50.	50.2	50.3	50.4	50.4	50.4	50.4	50.6	50.6
≥ 9000		4.4	4[illegible]	49.3	50.0	50.2	50.7	50.9	51.0	51.1	51.1	51.1	51.1	51.2	51.2
≥ 8000		4.1	49.6	53.9	54.7	54.9	5[illegible]	55.6	55.7	55.8	55.8	55.8	55.8	55.9	55.9
≥ 7000		4.6	5[illegible]	54.3	55.1	55.3	55.8	56.	56.1	56.2	56.2	56.2	56.2	56.3	56.3
≥ 6000		4.6	50.0	54.3	55.1	55.3	55.8	56.	56.1	56.2	56.2	56.2	56.2	56.3	56.3
≥ 5000		1.1	52.9	57.4	58.6	58.8	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8
≥ 4500		5.1	7.0	62.4	63.7	63.9	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9
≥ 4000		.6	62.8	68.3	69.7	69.9	70.3	70.6	70.7	70.8	70.8	70.8	70.8	70.9	70.9
≥ 3500		4.7	67.4	73.3	74.7	74.9	75.3	75.6	75.7	75.8	75.	75.8	75.8	75.9	75.9
≥ 3000		6.6	70.3	76.9	78.3	78.6	79.	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8
≥ 2500		5.8	72.6	79.2	80.8	81.0	81.6	82.	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 2000		3.	76.3	83.6	85.1	85.3	86.1	86.6	86.7	86.8	86.9	86.9	86.9	87.[illegible]	87.[illegible]
≥ 1800		3.6	76.6	83.8	85.3	85.6	86.3	86.[illegible]	86.9	87.0	87.1	87.1	87.1	87.2	87.2
≥ 1500		74.9	78.	85.3	87.[illegible]	87.2	88.[illegible]	88.4	88.6	88.7	88.8	8[illegible].8	88.8	88.9	88.9
≥ 1200		5.4	78.6	86.1	87.9	88.1	88.9	89.3	89.4	89.6	89.7	89.7	89.7	89.8	89.[illegible]
≥ 1000		[illegible].3	80.6	89.3	91.1	91.6	92.3	92.8	92.9	93.[illegible]	93.1	93.1	93.1	93.2	93.2
≥ 900		7.8	81.2	90.2	92.1	92.6	93.3	93.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3
≥ 800		7.8	82.3	91.4	93.8	94.3	95.3	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3
≥ 700		7.9	82.4	91.8	94.2	94.8	95.8	96.6	96.7	96.8	96.9	96.9	96.9	97.[illegible]	97.0
≥ 600		7.0	82.6	92.1	94.6	95.1	96.2	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8
≥ 500		7.0	82.7	92.2	94.8	95.3	96.6	97.8	97.9	98.[illegible]	98.1	98.1	98.1	98.2	98.2
≥ 400		7.[illegible]	82.7	92.3	95.0	95.6	96.9	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3
≥ 300		7.[illegible]	82.8	92.4	95.1	95.7	97.0	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 200		7.[illegible]	82.8	92.4	95.1	95.7	97.1	98.8	99.7	99.8	99.9	9[illegible].9	99.9	99.9	100.0
≥ 100		7.0	82.8	92.4	95.1	95.7	97.[illegible]	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0		7.0	82.8	92.4	95.1	95.7	97.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2[illegible]0

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L RAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15 7	ILDENHALL RAF K	4-2	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY (STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 <10	≥6 GE9	≥5 GE8	≥4 GE7	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1 GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1	≥¼ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING		26.	27.7	3 .3	31.0	3 .1	31.9	32.3	32.4	32.6	32.6	32.6	32.7	32.7	32.8	32.9
≥ 20000		32.	33.5	36.7	37.6	37.6	38.6	39.	39.2	39.3	39.4	39.4	39.4	39.5	39.5	39.7
≥ 18000		32.	33.6	36.8	37.7	37.8	38.8	39.1	39.3	39.5	39.5	39.5	39.6	39.6	39.7	39.9
≥ 16000		32.	33.6	36.8	37.7	37.8	38.8	39.1	39.3	39.5	39.5	39.5	39.6	39.6	39.7	39.9
≥ 14000		32.	33.7	36.	37.8	37.8	38.8	39.2	39.4	39.5	39.6	39.6	39.6	39.7	39.8	39.9
≥ 12000		32.	33.8	36.9	37.9	37.9	38.9	39.3	39.5	39.7	39.7	39.7	39.8	39.8	39.9	40.0
≥ 10000		33.	35.	38.3	39.2	39.3	4 .3	40.7	4 .9	41.1	41.1	41.1	41.2	41.2	41.3	41.5
≥ 9000		3 .5	35.6	39.	39.9	4 .0	41.3	41.4	41.6	41.8	41.8	41.8	41.9	41.9	42.0	42.1
≥ 8000		3 .3	39.6	42.5	43.5	43.5	44.7	45.1	45.3	45.4	45.5	45.5	45.5	45.6	45.7	45.8
≥ 7000		7 .1	40.4	43.3	44.4	44.5	45.6	46.0	46.2	46.4	46.4	46.5	46.5	46.5	46.6	46.8
≥ 6000		3 .3	39.6	43.7	44.7	44.8	4 .0	46.5	46.7	46.8	46.9	46.9	46.9	47.0	47.0	47.2
≥ 5000		.2	41.6	45.9	47.1	47.2	48.5	49.	49.2	49.4	49.4	49.5	49.5	49.6	49.6	49.8
≥ 4500		43.	45.5	5 .5	51.7	51.3	53.2	53.7	53.9	54.2	54.2	54.2	54.3	54.3	54.4	54.6
≥ 4000		0.0	52.0	57.3	59.8	58.9	60.4	61.	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.9
≥ 3500		54.	56.9	2.3	64.3	64.4	66.0	66.6	66.9	67.2	67.2	67.3	67.3	67.3	67.4	67.6
≥ 3000		1.6	64.	70.2	71.8	7 .0	73.	74.4	74.7	75.0	75.1	75.1	75.1	75.2	75.3	75.4
≥ 2500		5.1	67.6	70.	75.7	75.8	77.6	78.3	78.6	78.9	79.0	7 .0	79.1	79.1	79.2	79.4
≥ 2000		5 .6	72.2	79.	81.8	81.7	82.9	83.7	84.	84.3	84.4	84.4	84.5	84.7	84.6	84.8
≥ 1800		0.1	72.7	79.6	81.4	81.6	83.5	84.3	84.6	84.9	85.	85.1	85.1	85.2	85.2	85.4
≥ 1500		.7	75.5	2.9	84.8	85.0	86.9	87.7	88.0	88.4	88.5	88.5	88.6	88.6	88.7	88.9
≥ 1200		4.	76.9	84.8	86.8	87.1	89.2	0.0	90.3	90.7	90.8	90.8	90.9	90.9	91.	91.2
≥ 1000		74.9	77.8	86.2	88.2	88.5	9 .7	91.5	9 .9	92.2	92.3	92.4	92.4	92.5	92.6	92.8
≥ 900		5.2	78.2	86.8	88.8	89.1	91.4	92.3	92.6	93.	93.1	93.1	93.2	93.3	93.3	93.5
≥ 800		5.5	79.7	87.6	89.8	90.1	92.4	93.4	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.7
≥ 700		5.6	78.8	7.9	90.2	90.6	93.0	94.3	94.7	95.0	95.1	95.2	95.2	95.3	95.4	95.6
≥ 600		5.8	79.1	98.3	9 .7	91.1	93.7	5.2	95.6	96.0	96.2	96.2	96.3	96.3	96.4	96.6
≥ 500		75.9	79.2	88.6	91.1	91.4	94.3	95.9	96.4	96.9	97.0	97.1	97.1	97.2	97.3	97.5
≥ 400		75.9	79.2	88.8	91.3	91.7	94.6	96.5	97.1	97.7	97.8	97.9	98.0	98.1	98.1	98.3
≥ 300		75.9	79.2	88.8	91.3	91.7	94.7	96.8	97.6	98.3	98.4	98.5	98.6	98.8	98.8	99.0
≥ 200		75.9	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.3	99.7
≥ 100		75.9	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.5	100.0
≥ 0		75.9	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] WEATHER SERVICE [illegible]AC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible]K — 4-3[illegible] — MAY

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-[illegible]00 HOURS LST

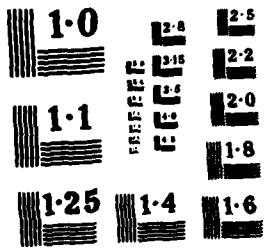
CEILING FEET	VISIBILITY STATUTE MILES (OR [illegible] NOREDS [illegible] METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		4[illegible].3	47.7	50.1	51.1	51.5	52.3	52.7	52.7	52.9	52.9	53.	53.1	53.4	53.4	53.4
≥ 20000		[illegible].1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 18000		[illegible]	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 16000		[illegible].1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 14000		[illegible].1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 12000		[illegible].4	51.4	54.9	55.9	56.3	57.1	57.5	57.5	57.7	57.7	57.8	58.0	58.3	58.3	58.3
≥ 10000		[illegible].1	52.2	55.9	56.9	57.3	58.1	58.5	58.5	58.7	58.7	58.8	58.9	59.3	59.2	59.2
≥ 9000		0.3	[illegible].2.4	56.1	57.1	57.5	58.3	58.7	58.7	58.9	58.9	59.	59.1	59.5	59.5	59.5
≥ 8000		4.[illegible]	56.6	6[illegible].9	61.9	62.4	63.1	63.5	63.5	63.8	63.8	63.9	64.0	64.3	64.3	64.3
≥ 7000		5.1	57.3	62.[illegible]	63.4	63.9	64.6	65.1	65.1	[illegible]5.3	65.3	65.4	65.5	65.8	65.8	65.8
≥ 6000		5.2	57.4	62.2	63.5	64.	64.7	65.2	65.2	65.4	65.4	65.5	65.6	65.[illegible]	65.9	65.9
≥ 5000		5[illegible].8	60.1	65.1	66.5	66.9	67.6	68.1	68.1	68.3	68.3	68.4	68.5	68.8	68.8	68.8
≥ 4500		[illegible]	63.9	69.8	70.2	70.6	71.5	71.9	71.9	72.2	72.2	72.3	72.4	72.7	72.7	72.7
≥ 4000		5.4	68.4	73.8	75.5	7[illegible].9	76.9	77.3	77.3	77.5	77.5	77.6	77.7	78.1	78.1	78.1
≥ 3500		6[illegible]	7[illegible]	75.5	77.2	77.6	78.6	79.	79.[illegible]	79.2	7[illegible].2	79.4	79.5	79.9	79.9	79.9
≥ 3000		[illegible].1	74.3	8[illegible].2	82.[illegible]	82.5	83.5	84.	84.[illegible]	84.2	84.2	84.3	8[illegible].4	84.8	84.8	84.8
≥ 2500		[illegible].8	75.1	81.2	83.0	83.4	84.5	85.1	85.3	85.5	85.5	85.6	85.7	86.1	86.1	86.1
≥ 2000		4.3	[illegible]7.6	84.0	85.8	86.2	87.4	88.0	88.2	88.4	88.4	88.5	88.6	89.[illegible]	89.[illegible]	89.[illegible]
≥ 1800		4.5	77.8	84.2	86.0	8[illegible].5	87.6	88.2	88.4	88.6	88.6	88.7	88.8	89.2	89.2	89.2
≥ 1500		5.5	78.8	85.7	87.5	88.	89.1	89.9	90.1	90.3	[illegible]0.3	90.4	90.5	91.0	91.0	91.[illegible]
≥ 1200		6.6	79.9	87.2	89.	89.5	9[illegible].6	91.4	91.6	91.8	91.8	9[illegible].9	92.0	92.5	92.5	92.5
≥ 1000		7.1	80.4	87.7	89.6	90.	91.2	92.3	92.5	92.7	92.7	92.8	92.9	93.3	93.3	93.3
≥ 900		7.1	[illegible]0.4	87.7	89.6	90.[illegible]	91.2	92.3	92.5	92.7	92.7	92.8	92.9	93.3	93.3	93.3
≥ 800		7.3	8[illegible].9	88.7	90.6	91.1	92.3	93.3	93.5	93.8	93.8	93.9	94.0	94.4	94.4	94.4
≥ 700		7.4	81.1	89.[illegible]	91.0	91.[illegible]	92.7	93.9	94.1	94.3	94.3	94.4	94.5	94.9	94.9	94.9
≥ 600		7.5	81.2	89.4	91.5	92.	93.3	94.5	94.7	94.9	94.9	95.[illegible]	95.2	95.6	[illegible]5.6	9[illegible].6
≥ 500		7.6	81.3	89.9	92.2	92.7	94.9	96.1	96.5	96.8	96.8	96.9	97.	97.4	97.4	97.4
≥ 400		7.6	81.3	89.9	92.2	92.7	94.9	96.[illegible]	96.9	97.2	97.2	97.3	97.4	97.8	97.8	97.8
≥ 300		7.6	81.3	89.9	92.2	92.7	94.9	96.9	97.4	98.0	98.0	98.1	98.3	98.7	98.7	98.7
≥ 200		7.6	81.3	89.9	92.2	92.7	94.9	97.[illegible]	98.0	98.7	[illegible]8.7	98.8	99.2	99.7	99.7	99.7
≥ 100		7.6	81.3	89.9	92.2	92.7	94.9	97.1	98.	98.7	98.8	98.9	99.3	100.0	100.0	100.0
≥ 0		7.6	81.3	89.9	92.2	92.7	94.9	97.1	98.	98.7	98.8	98.9	99.2	[illegible] 0.0	100.0	[illegible] 0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]93.

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

AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 3/5

UNCLASSIFIED USAFETAC/DS-84/016 SBI-AD-E850 742 F/G 4/2 NL


1·0
2·8
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1·8
1·25
1·4
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15[illegible]7	MILDENHALL RAF UK	[illegible]4-67	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) [illegible]00-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		2.2	34.[illegible]	38.5	39.9	39.9	41.9	42.5	42.9	43.7	43.8	43.8	44.[illegible]	44.6	44.7	45.1
≥ 20000		3 .0	37.2	43.1	44.6	44.5	46.7	47.2	47.6	48.4	48.5	48.5	48.7	49.4	49.5	49.8
≥ 18000		3 .0	39.2	43.1	44.6	44.6	46.7	47.2	47.6	48.4	48.5	48.5	49.7	49.4	49.5	49.8
≥ 16000		3 .	37.2	43.1	44.6	44.6	4 .7	47.2	47.6	48.4	48.5	48.5	49.7	49.4	49.5	49.8
≥ 14000		3 .3	39.6	43.4	44.9	44.9	47.	47.5	48.	48.7	48.[illegible]	48.8	49.7	49.7	49.8	50.1
≥ 12000		3 .3	39.6	43.4	44.9	44.9	47.	47.5	48.	48.7	48.8	48.8	49.7	49.7	49.8	50.1
≥ 10000		3 .3	40.5	44.7	46.2	46.2	48.8	49.	49.5	50.2	50.3	50.3	50.5	51.2	51.3	51.6
≥ 9000		3 .4	40.8	44.9	46.5	46.5	48.8	49.2	49.7	50.4	50.5	5 .5	50.8	51.4	51.5	51.8
≥ 8000		41.	4[illegible].2	5 .2	52.7	52.0	54.4	55.2	55.6	56.3	56.5	56.5	56.7	57.3	57.4	57.7
≥ 7000		2.3	45.6	51.2	53.1	53.1	55.9	56.2	56.7	57.5	57.	57.6	58.0	58.6	58.7	59.1
≥ 6000		42.4	45.7	51.5	53.4	53.4	55.8	56.6	57.	57.8	58.	58.[illegible]	58.3	58.9	59.0	59.5
≥ 5000		4 .3	48.7	54.7	56.8	56.8	59.5	6[illegible].2	6[illegible].6	61.7	61.9	61.9	62.3	62.9	63.	63.4
≥ 4500		4 .1	51.5	5[illegible].1	60.1	60.2	63.0	63.8	64.2	65.3	65.5	65.5	65.8	66.5	66.6	67.[illegible]
≥ 4000		53.	57.5	65.5	67.6	67.7	70.9	[illegible]1.7	72.2	73.3	73.5	73.5	73.9	74.5	74.6	75.1
≥ 3500		54.	58.7	66.9	69.2	69.4	72.8	73.4	73.9	75.1	7[illegible].3	75.3	75.6	76.2	76.3	76.8
≥ 3000		5 .4	61.4	7 .2	72.7	72.8	76.2	77.1	77.6	78.8	79.	79.[illegible]	79.4	80.0	80.1	80.5
≥ 2500		5 .5	62.5	71.4	73.9	74.0	77.4	78.3	79.	80.2	8[illegible].4	8[illegible].4	8[illegible].8	81.4	81.5	81.9
≥ 2000		0.1	64.1	73.4	75.9	76.0	79.6	80.4	81.3	82.5	82.7	82.7	83.[illegible]	83.7	83.8	84.2
≥ 1800		.5	64.5	73.9	76.3	76.5	80.0	80.9	81.7	82.9	83.1	83.1	83.4	84.1	84.2	84.6
≥ 1500		2.2	66.5	76.9	79.4	79.5	83.	84.[illegible]	84.8	8[illegible].0	86.2	86.2	86.6	87.2	87.3	87.7
≥ 1200		3.1	67.7	78.6	81.1	81.2	85.1	86.1	87.	88.2	88.4	88.4	88.7	89.4	89.5	89.9
≥ 1000		4.3	69.7	80.0	82.5	82.6	86.5	87.5	88.4	89.7	89.9	89.9	9 .2	9[illegible].9	91.[illegible]	91.4
≥ 900		4.5	6[illegible].2	80.5	83.0	83.1	87.0	88.3	89.2	9 .5	9[illegible].8	9[illegible].8	91.1	91.7	91.8	92.3
≥ 800		5.1	69.8	81.3	83.9	84.0	88.0	89.2	90.2	91.5	91.7	91.7	92.0	92.7	92.8	93.2
≥ 700		5.2	7 .[illegible]	81.7	84.5	84.6	88.6	9 .	91.0	92.3	92.5	92.5	92.8	93.4	93.5	94.[illegible]
≥ 600		5.2	7 .3	81.8	84.8	84.9	89.2	9[illegible].6	91.6	93.[illegible]	93.2	93.2	9[illegible].5	94.2	94.3	94.7
≥ 500		5.2	70.3	81.9	84.9	85.1	89.9	91.3	92.3	93.7	93.9	93.9	94.2	94.8	94.9	95.4
≥ 400		.2	70.0	82.0	85.4	85.5	90.4	92.6	93.7	95.1	95.3	95.3	95.6	96.2	96.3	96.8
≥ 300		5.2	7 .0	82.2	85.6	85.7	90.8	93.8	94.9	96.7	96.9	96.9	97.2	97.8	98.	98.4
≥ 200		5.2	7 .0	82.2	85.6	85.7	9 .9	94.[illegible]	95.4	97.5	97.7	97.7	98.2	99.0	99.1	99.6
≥ 100		5.2	7 .0	82.2	85.6	85.7	9 .9	94.1	95.4	97.5	97.8	97.8	98.3	99.1	99.2	99.7
≥ 0		5.2	70.0	82.2	85.6	85.7	9 .9	94.1	95.4	97.5	97.8	97.8	98.3	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
75771	ILDENHALL RAF UK	4-87	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 600-0800

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.7)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (1.0)	≥⅜ (0.8)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0.0)
NO CEILING		29.3	29.4	32.9	34.2	34.3	35.2	35.6	35.7	36.1	36.2	36.3	36.3	36.3	36.3	36.8
≥ 20000		31.1	34.4	38.4	39.8	39.9	40.8	41.3	41.4	41.8	41.9	42.0	42.0	42.0	42.0	42.5
≥ 18000		31.1	34.5	38.5	39.9	40.0	40.9	41.4	41.5	41.9	42.0	42.2	42.2	42.2	42.2	42.6
≥ 16000		31.1	34.5	38.5	39.9	40.0	40.9	41.4	41.5	41.9	42.0	42.2	42.2	42.2	42.2	42.6
≥ 14000		32.2	35.1	39.1	40.4	40.5	41.4	41.9	42.0	42.5	42.6	42.7	42.7	42.7	42.7	43.1
≥ 12000		32.4	35.3	39.2	40.6	40.8	41.6	42.2	42.3	42.7	42.8	42.9	42.9	42.9	42.9	43.3
≥ 10000		33.1	36.7	41.0	42.5	42.7	43.7	44.2	44.3	44.7	44.8	44.9	44.9	44.9	44.9	45.4
≥ 9000		33.2	38.3	42.9	44.4	44.6	45.6	46.1	46.2	46.7	46.8	46.9	46.9	46.9	46.9	47.3
≥ 8000		33.7	43.0	48.8	50.5	50.8	51.9	52.5	52.7	53.1	53.2	53.3	53.3	53.3	53.3	53.8
≥ 7000		41.1	44.3	50.1	51.9	52.0	53.2	53.8	54.1	54.5	54.6	54.7	54.7	54.7	54.7	55.4
≥ 6000		41.5	44.9	51.6	52.4	52.6	54.1	54.6	54.9	55.4	55.5	55.6	55.6	55.6	55.6	56.2
≥ 5000		42.1	46.1	52.5	54.7	54.9	56.3	57.1	57.5	58.2	58.3	58.4	58.4	58.4	58.4	59.0
≥ 4500		44.1	49.6	56.1	58.4	58.6	60.4	61.2	61.6	62.3	62.4	62.5	62.5	62.5	62.5	63.1
≥ 4000		51.1	55.3	62.7	65.3	65.5	67.7	68.7	69.1	69.8	69.9	70.0	70.0	70.0	70.0	70.6
≥ 3500		53.1	57.6	65.5	68.1	68.3	70.6	71.8	72.3	72.9	73.0	73.1	73.1	73.1	73.1	73.8
≥ 3000		55.7	66.5	69.0	71.7	72.0	74.5	75.7	76.1	77.3	77.4	77.5	77.5	77.5	77.5	78.2
≥ 2500		55.1	62.2	70.6	73.3	73.7	76.1	77.3	77.7	78.9	79.0	79.1	79.1	79.1	79.1	79.8
≥ 2000		60.5	64.9	73.9	76.8	77.1	79.6	80.8	81.2	82.4	82.5	82.7	82.7	82.7	82.7	83.3
≥ 1800		60.3	66.3	74.2	77.1	77.4	79.9	81.1	81.5	82.7	82.8	83.0	83.0	83.0	83.0	83.7
≥ 1500		62.4	67.1	76.8	79.9	80.2	82.9	84.2	84.6	85.8	85.9	86.1	86.1	86.1	86.1	86.8
≥ 1200		63.3	68.6	79.6	82.8	83.1	85.9	87.2	87.6	88.8	88.9	89.1	89.1	89.1	89.1	89.8
≥ 1000		64.7	69.9	81.5	85.1	85.4	88.3	89.6	90.0	91.2	91.3	91.5	91.5	91.5	91.5	92.2
≥ 900		64.7	70.1	81.9	85.7	86.0	89.1	90.4	90.9	92.0	92.2	92.4	92.4	92.4	92.4	93.1
≥ 800		65.4	70.6	82.7	86.8	87.2	90.5	91.8	92.3	93.5	93.7	93.9	93.9	93.9	93.9	94.5
≥ 700		65.7	71.1	83.1	87.5	88.0	91.4	92.7	93.1	94.4	94.5	94.7	94.7	94.7	94.7	95.4
≥ 600		65.7	71.1	83.3	87.8	88.3	91.8	93.1	93.5	95.3	95.4	95.7	95.7	95.7	95.7	96.3
≥ 500		65.7	71.1	83.4	88.1	88.4	92.2	93.8	94.3	96.0	96.2	96.6	96.6	96.6	96.6	97.2
≥ 400		65.9	71.2	83.5	88.2	88.6	92.6	94.3	95.1	96.8	97.0	97.3	97.3	97.4	97.4	98.1
≥ 300		65.8	71.2	83.5	88.2	88.6	92.6	94.6	95.5	97.3	97.5	97.8	97.8	98.0	98.0	98.6
≥ 200		65.8	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	98.9	98.9	99.6
≥ 100		65.8	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	98.9	98.9	99.9
≥ 0		65.9	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

USAF ETAC FORM JUL 64 0-1[illegible]5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15171 (STATION) — WILDENHALL RAF (STATION NAME) — 74-83 (YEARS) — MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-03 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)														
	≥10 GE15	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥5/8 GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		2 .0	27.7	29.7	3 .0	30.1	30.3	30.3	3 .3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000		3.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000		3.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000		3.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000		33.	34.8	37.1	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000		3 .2	3 .4	37.6	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 10000		3 .2	36.3	38.7	39.	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 9000		3 .1	38.3	4 .8	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 8000		.1	41.7	44.8	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000		2.4	44.0	47.3	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000		4 .	44.4	47.8	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 5000		4 .1	46.8	51.1	51.6	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.	52.0	52.
≥ 4500		4 .3	5 .0	54.7	55.4	55.5	55.8	55.8	55.8	55.8	55.	55.8	55.8	55.8	55.8	55.8
≥ 4000		4.2	55.9	61.1	62.	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3500		5 .5	60.2	65.8	66.8	66.9	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3000		6 .7	70.	76.3	77.3	77.4	78.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500		2.4	74.6	8 .8	81.7	81.8	82.5	3.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000		6.6	79.4	85.9	86.9	87.	87.6	88.4	88.4	88.7	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800		7.6	80.5	37.1	88.1	88.2	88.8	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		0.2	83.7	90.3	91.4	91.5	92.2	92.9	92.9	93.7	93.0	93.0	93.0	93.7	93.0	93.7
≥ 1200		1.8	8 .6	93.4	94.6	94.7	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000		2.4	86.3	94.5	95.8	95.9	9 .6	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900		2.4	86.3	94.9	96.2	96.3	97.	98.0	98.	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		2.4	86.3	95.1	96.5	96.6	97.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		2.4	86.3	95.2	96.6	96.8	97.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		2.4	86.3	95.2	96.9	97.1	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		2.4	86.3	95.3	97.	97.7	97.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400		2.4	86.3	95.3	97.	97.2	97.8	99.1	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300		2.4	86.3	95.3	97.	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200		2.4	86.3	95.3	97.0	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		.4	86.3	95.3	97.0	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		2.4	86.3	95.3	97.	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

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

CEILING VERSUS VISIBILITY

[illegible] (STATION) ILDENHALL RAF (STATION NAME) K 4-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-1[illegible] (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥7/16 GE0	≥5/16 GE0	≥¼ GE0	≥0 GE
NO CEILING		2[illegible].0	27.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 20000		3[illegible].0	34.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000		3[illegible].0	3[illegible].5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 16000		3[illegible]	34.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 14000		3[illegible].1	34.6	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
≥ 12000		34.[illegible]	35.3	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 10000		3[illegible].5	36.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 9000		3[illegible].0	36.7	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 8000		3[illegible].6	4[illegible].3	41.4	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 7000		41.5	42.3	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000		41.[illegible]	42.4	43.4	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 5000		44.[illegible]	45.4	46.7	46.8	46.8	46.9	47.[illegible]	47.[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 4500		4[illegible].4	49.2	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.[illegible]	51.0	51.7	51.7	51.7	51.0
≥ 4000		5[illegible].7	57.5	59.1	59.4	59.4	59.7	59.[illegible]	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500		3.7	64.6	66.5	66.9	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000		7[illegible].2	79.1	81.1	81.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	8[illegible].3	82.3
≥ 2500		3.0	84.1	86.1	86.8	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		8.0	89.[illegible]	91.7	[illegible]2.4	92.4	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800		8.3	89.7	92.[illegible]	92.8	[illegible].8	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500		[illegible].2	92.5	94.8	95.8	95.8	96.5	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		1.1	93.4	95.9	96.9	96.9	97.5	97.6	97.7	98.[illegible]	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		1[illegible]	94.2	96.7	97.6	97.6	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900		.6	94.4	96.9	97.8	97.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		1.6	94.4	96.9	98.[illegible]	98.0	98.6	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		1[illegible].6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		1.	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		1[illegible].6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		1[illegible].6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35771	ILDENHALL RAF UK	74-83	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST): 1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		2[illegible].0	2[illegible].2	30.3	3[illegible].3	3[illegible].3	3[illegible].3	3[illegible].3	3[illegible].3	30.3	3[illegible].3	3[illegible].3	3[illegible].3	30.3	30.3	30.3
≥ 20000		36.[illegible]	37.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000		3[illegible].0	37.2	3[illegible].3	39.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 16000		3[illegible].1	3[illegible].3	38.4	38.4	38.[illegible]	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000		3[illegible].5	37.7	39.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]	39.0	39.0	3[illegible].0	39.0	39.0	39.0	39.0
≥ 12000		3[illegible].7	38.[illegible]	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000		3[illegible].0	39.2	40.5	40.5	40.5	40.5	4[illegible].5	4[illegible].5	40.5	4[illegible].5	4[illegible].5	40.5	40.5	40.5	40.5
≥ 9000		3[illegible].1	3[illegible].4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	4[illegible].6	4[illegible].6	40.6	40.6	40.6	40.6
≥ 8000		3.4	43.[illegible]	45.2	45.2	45.2	4[illegible].2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000		4[illegible].4	45.8	47.1	47.1	47.1	47.1	47.1	47.[illegible]	47.1	4[illegible].1	47.1	47.1	47.1	47.1	47.1
≥ 6000		4[illegible].6	46.[illegible]	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		4[illegible].6	5[illegible].0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4500		4.5	55.2	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4000		3.7	64.5	66.3	66.7	66.7	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500		1.8	72.7	74.5	74.8	74.8	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		5.2	86.1	88.2	88.5	88.5	88.7	88.9	89.[illegible]	89.[illegible]	89.[illegible]	89.0	89.[illegible]	89.0	89.0	89.0
≥ 2500		8.2	89.4	91.7	92.0	92.0	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000		.9	92.4	94.[illegible]	95.3	95.3	95.5	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		1.[illegible]	92.5	95.1	95.4	95.4	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500		1.7	93.5	96.1	96.5	96.5	96.7	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		2.3	94.2	96.8	97.1	97.1	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		2.6	94.5	97.1	97.4	97.4	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		2.[illegible]	94.5	97.1	97.4	97.4	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		2.6	94.5	97.3	97.6	97.[illegible]	97.8	98.7	98.8	99.0	99.0	99.0	99.0	99.[illegible]	99.0	99.0
≥ 700		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		2.[illegible]	94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		2.6	94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.4	99.7	99.8	1[illegible]0.0	100.0	100.0	100.0	100.0
≥ 0		2.6	94.5	97.3	97.6	97.7	98.2	99.[illegible]	99.4	99.7	99.8	1[illegible]0.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
OFFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5771	ILDENHALL RAF UK	4-83	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2000

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		41.0	41.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000		41.1	49.8	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000		41.5	50.1	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
≥ 16000		41.5	50.1	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
≥ 14000		51.1	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000		50.6	51.3	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		52.6	53.2	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000		53.0	53.4	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000		55.3	59.0	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000		55.4	60.1	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000		55.4	60.1	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000		60.2	63.0	64.8	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500		66.1	68.2	70.3	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000		74.3	76.3	79.1	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500		77.8	80.9	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000		84.7	86.9	89.8	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500		86.1	88.2	91.6	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000		87.5	89.8	93.3	93.9	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800		87.6	89.9	93.4	94.0	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500		88.5	90.9	94.5	95.3	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		88.7	91.1	95.5	96.2	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		88.1	91.6	96.1	96.9	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		88.0	91.7	96.2	97.0	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		88.5	91.9	96.5	97.2	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		88.5	92.0	96.7	97.4	97.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0		88.5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 7 — STATION
ILDENHALL RAF K — STATION NAME
4-57 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING		4 .0	47.8	50.	51.9	51.1	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.9
≥ 20000		.1	52.4	54.9	55.9	56.1	56.8	56.9	57.	57.0	57.0	57.0	57.0	57.1	57.1
≥ 18000		.1	52.4	54.9	55.9	56.1	56.8	56.9	57.0	57.0	57.	57.0	57.0	57.1	57.1
≥ 15000		1.1	52.4	54.9	55.9	56.1	56.8	56.	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 4000		1.5	52.8	55.4	56.3	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5
≥ 3000		1.7	53.3	55.6	56.6	56.8	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 10000		3.0	54.6	57.3	58.3	58.5	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5
≥ 9000		3.4	5 .1	57.7	58.7	58.9	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 8000		56.7	58.6	61.6	62.5	62.8	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 7000		5 .3	59.1	62.3	63.2	63.4	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5
≥ 6000		5 .8	59.7	62.8	63.8	64.	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1
≥ 5000		5 .3	63.0	66.6	67.5	67.7	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 4500		4.6	67.1	71.0	71.9	72.2	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 4000		.5	73.2	77.6	78.8	79.0	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 3500		4.8	77.5	82.2	83.3	83.5	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 3000		.1	82.3	87.4	88.6	88.8	89.8	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 2500		1.2	83.9	88.6	89.8	90.0	91.	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 2000		.5	85.2	90.0	91.2	91.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 1800		2.8	85.5	9 .3	91.5	91.7	92.	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1500		3.1	85.9	9 .8	91.9	92.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 1200		4.0	86.8	92.	93.2	93.4	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 1000		4.8	87.6	93.1	94.3	94.5	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 900		4.8	87.	93.3	94.6	94.8	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 800		4.9	87.8	93.7	95.2	95.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 700		5.1	88.	94.1	95.7	95.9	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 600		5.1	88.0	94.2	95.8	96.	97.5	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 500		5.2	88.1	94.4	96.0	96.2	98.1	99.	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400		5.	88.1	94.4	96.0	96.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300		5.2	88.1	94.4	96.	96.2	98.1	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200		5.2	88.1	94.4	96.	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100		5.2	88.1	94.4	96.	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0		5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
75[illegible]	ILDENHALL RAF [illegible]	4-8[illegible]	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 [illegible]	≥5 GE80	≥4 GE[illegible]	≥3 GE49	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE[illegible]
NO CEILING		[illegible]	35.6	37.8	38.4	38.5	39.1	39.2	39.3	39.5	39.5	39.6	39.6	39.7	39.7	39.8
≥ 20000		[illegible]	41.6	44.1	44.8	44.9	45.5	45.7	45.7	45.9	45.9	[illegible]	46.0	46.1	46.2	46.3
≥ 18000		[illegible]	41.7	44.2	44.9	45.	45.5	45.7	45.8	46.	46.0	46.	46.1	46.[illegible]	46.2	46.3
≥ 16000		[illegible]	41.7	44.2	44.9	45.0	45.6	45.8	45.8	46.	46.[illegible]	46.1	46.1	46.2	46.3	46.3
≥ 14000		[illegible]	42.1	44.6	45.2	45.3	45.9	46.1	46.2	46.4	46.4	46.4	46.5	46.6	46.6	46.7
≥ 12000		[illegible]	42.4	44.9	45.6	45.7	[illegible]	46.4	46.5	46.7	46.7	46.7	46.8	46.9	46.9	47.[illegible]
≥ 10000		[illegible]	43.6	46.2	46.9	47.1	47.6	47.9	47.9	48.1	48.1	48.2	48.2	48.3	48.4	48.5
≥ 9000		42.[illegible]	44.3	47.	47.7	47.8	48.4	48.6	48.7	48.9	48.9	48.9	49.[illegible]	49.1	49.1	49.2
≥ 8000		[illegible]	48.5	51.7	52.4	52.6	53.3	53.5	53.6	53.8	53.8	53.8	53.9	54.	54.[illegible]	54.1
≥ 7000		[illegible]	[illegible]	53.1	54.0	54.1	54.9	55.0	55.1	55.3	55.3	55.3	55.4	55.5	55.6	55.7
≥ 6000		[illegible]	[illegible]	53.4	54.3	54.[illegible]	55.1	55.4	55.5	55.7	55.7	55.7	55.8	55.9	55.9	56.[illegible]
≥ 5000		[illegible]	52.9	56.6	57.6	57.7	58.5	58.8	58.9	59.1	[illegible]	[illegible]	59.2	59.4	59.4	59.5
≥ 4500		[illegible]	56.9	[illegible]	61.8	61.9	62.8	63.1	63.2	63.4	63.5	63.5	63.5	63.7	[illegible]	63.8
≥ 4000		[illegible]	63.6	68.2	69.4	69.5	[illegible]	[illegible]	71.[illegible]	71.3	71.3	71.3	71.4	71.5	71.5	71.7
≥ 3500		[illegible]	[illegible]	72.6	73.8	74.0	75.0	75.5	75.6	75.9	75.9	76.	76.0	76.1	76.2	76.3
≥ 3000		[illegible]	75.2	[illegible]	[illegible]	[illegible]	82.1	83.4	83.5	83.9	83.9	83.9	84.0	84.1	84.1	84.3
≥ 2500		[illegible]	77.5	82.8	84.1	84.2	85.4	85.9	86.1	86.[illegible]	86.5	86.5	86.6	86.7	86.7	86.9
≥ 2000		[illegible]	[illegible]	85.9	87.3	87.4	88.1	89.2	89.5	89.8	89.9	89.9	[illegible]	90.1	90.1	90.3
≥ 1800		[illegible]	80.7	86.3	87.6	87.8	89.1	89.6	89.9	[illegible]	[illegible]	[illegible]	[illegible]	90.5	[illegible]	[illegible]
≥ 1500		[illegible]	82.3	[illegible]	89.7	89.9	91.2	91.9	92.1	92.5	92.5	92.6	92.6	92.7	92.8	92.9
≥ 1200		[illegible]	83.4	89.9	91.4	91.5	92.[illegible]	93.6	93.8	94.2	94.3	94.3	94.4	94.5	[illegible]	94.7
≥ 1000		[illegible]	84.2	[illegible]	92.4	92.6	94.	94.7	94.9	[illegible]	95.4	95.4	95.5	95.6	95.6	95.8
≥ 900		[illegible]	84.3	91.1	92.7	92.8	94.3	95.1	95.3	95.7	95.8	95.8	95.8	96.0	96.0	96.1
≥ 800		[illegible]	84.5	91.5	93.2	93.4	94.9	95.7	96.	96.4	96.5	96.5	96.6	96.7	96.7	96.9
≥ 700		[illegible]	84.7	[illegible]	93.5	93.8	95.4	96.3	96.5	97.	97.0	97.1	97.1	97.[illegible]	97.3	97.4
≥ 600		[illegible]	84.7	91.9	93.8	[illegible]	95.7	96.6	96.9	97.5	97.5	97.6	97.6	97.8	97.8	97.9
≥ 500		[illegible]	84.7	92.	93.9	94.1	96.1	97.1	97.4	98.0	98.1	98.2	98.2	98.4	98.4	98.5
≥ 400		[illegible]	84.7	92.	94.0	94.2	96.2	97.4	97.8	98.5	98.5	98.6	98.7	98.8	98.8	99.0
≥ 300		[illegible]	84.7	92.0	94.0	94.2	96.3	97.7	98.1	98.8	98.9	99.	99.1	99.3	99.3	99.4
≥ 200		[illegible]	84.	92.0	94.0	94.2	96.3	97.8	98.3	99.1	99.2	99.3	99.4	99.7	99.7	99.9
≥ 100		[illegible]	84.7	92.	94.[illegible]	94.2	[illegible]	97.8	98.3	99.1	99.2	99.3	99.5	99.7	99.7	99.9
≥ 0		[illegible]	84.7	92.	94.[illegible]	94.2	96.3	97.8	98.3	99.1	99.2	[illegible]	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3577 — STATION
ILDENHALL RAF K — STATION NAME
74-87 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2359 — HOURS (L)

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4.8)	≥2½ (GE4)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1 (GE2)	≥¾ (GE1.6)	≥½ (GE1.2)	≥¼ (GE1)	≥7/16 (GE0.8)	≥5/16 (GE0.5)	≥⅛ (GE0.4)	≥0 (GE0)
NO CEILING	3 .2	33.4	43.	47.8	43.9	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.	46.3	46.3	46.3
≥20000	3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥18000	3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥16000	3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥14000	3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥12000	3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥10000	1.3	43.7	47.9	48.7	48.8	51.	52.	52.	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥9000	.3	44.	49.3	50.1	50.2	52.8	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥8000	4 .4	48.9	54.1	55.0	55.1	5 .4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥7000	4 .2	49.7	54.9	55.8	55.9	58.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥6000	4 .1	50.4	55.7	55.6	56.7	59.2	6 .3	6 .3	60.4	60.4	60.4	6 .4	60.4	0.4	60.4	60.4
≥5000	.0	52.4	57.8	58.8	58.9	61.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥4500	4.4	57.0	62.8	63.8	63.9	66.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
4000	.0	63.7	0.1	71.2	71.4	74.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥3500	3.3	66.3	73.4	74.0	75.1	78.0	7 .3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥3000	5.	68.9	76.3	73.1	78.3	81.2	82.6	82.6	82.7	82.	82.7	82.7	82.7	82.7	82.7	82.7
≥2500	6 .1	70.3	77.8	79.6	79.9	82.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥2000	0.2	73.7	81.1	82.9	83.2	86.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥1800	1.1	74.6	2.0	83.8	84.1	87.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥1500	2.9	76.2	83.8	85.6	85.9	88.	90.1	90.1	90.2	90.2	90.2	90.2	90.2	9 .2	90.2	90.2
≥1200	3.7	77.1	84.9	86.7	87.	89.9	91.4	9 .4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥1000	4.3	77.9	85.7	87.4	87.8	9 .7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥900	5.1	78.7	86.7	88.4	8.8	91.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥800	5.7	79.6	87.9	89.7	90.0	93.0	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥700	6.1	8 .2	88.6	9 .3	90.7	93.7	5.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥600	6.4	8 .6	38.9	9 .7	91.3	94.1	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥500	6.6	8 .7	89.1	91.3	91.7	94.9	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥400	6.6	8 .7	89.3	91.9	92.2	95.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥300	6.6	8 .7	89.3	92.1	92.4	96.6	98.6	98.7	99.0	99.	99.0	99.1	99.2	99.2	99.2	99.2
≥200	6.6	8 .7	89.3	92.1	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥100	6.6	8 .7	89.3	92.1	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥0	6.6	8 .7	89.3	92.1	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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

GL BAL CLIMATOLOGY BRANCH
ET C
A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
75771	ILDENHALL RAF UK	4-8	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1200-2500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE49	≥2½ GE4	≥2 GE33	≥1½ GE24	≥1 GE2	≥¾ GE16	≥½ GE1	≥¼ GE12	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING		2.2	24.3	2 .3	31.2	31.8	33.	34.9	35.9	36.2	36.7	36.8	36.8	36.9	37.2	37.2
≥ 20000		2 .3	2 .7	34.1	36.1	36.7	38.1	39.9	4 .9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 18000		2 .1	2 .0	34.1	36.1	36.7	38.1	39.9	40.9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 6000		2 .3	23.	34.1	36.1	36.7	38.1	39.9	40.	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 14000		2 .3	23.	34.1	36.1	36.7	38.1	39.9	4 .9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 12000		2 .3	23.	34.1	36.1	36.7	38.1	39.9	4 .9	41.7	42.3	42.4	42.4	42.6	42.9	42.9
≥ 10000		2 .4	29.2	35.7	37.7	38.3	39.8	41.8	42.9	43.7	44.4	44.6	44.6	44.7	45.	45.0
≥ 9000		2 .0	29.8	3 .3	38.4	39.1	40.6	42.6	43.6	44.4	45.2	45.3	45.3	45.4	45.8	45.8
≥ 8000		.1	33.2	4 .4	42.9	43.	45.0	47.6	48.6	49.6	50.3	50.4	50.4	50.6	5 .9	50.9
≥ 7000		31.	3 .1	42.7	45.	45.7	47.3	5 .0	51.7	52.0	2.8	52.9	52.9	53.0	53.3	53.3
≥ 6000		2.4	35.7	43.2	45.6	46.2	47.9	5 .6	51.6	52.6	53.3	53.4	53.4	53.6	53.9	53.9
≥ 5000		35.	38.9	46.6	48.9	49.8	51.2	53.9	54.9	56.7	56.8	56.9	56.9	57.1	57.4	57.4
≥ 4500		3 .8	47.4	51.9	54.2	55.0	57.0	59.8	60.9	62.1	62.9	63.	63.0	63.2	63.6	63.6
≥ 4000		45.	4 .1	57.6	59.9	60.7	2.9	65.8	66.9	68.4	69.2	69.3	69.3	69.6	69.9	69.9
≥ 3500		4 .7	51.9	61.1	67.4	64.3	67.	7 .2	71.3	72.9	73.	73.8	73.8	74.0	74.3	74.3
≥ 3000		4 .8	54.4	64.2	67.2	68.1	71.	74.6	75.7	77.2	78.1	78.2	78.2	78.4	79.9	78.8
≥ 2500		50.	55.6	65.4	68.7	69.6	72.4	76.	77.1	78.7	79.6	79.7	79.7	79.9	80.2	80.2
≥ 2000		52.	57.	67.9	71.1	72.0	74.9	78.4	79.6	81.1	82.	82.1	82.1	82.3	82.7	82.7
≥ 1800		3.1	57.9	68.2	71.4	72.3	7 .2	78.8	79.9	81.4	82.3	82.4	82.4	82.7	83.	83.0
≥ 1500		5.6	6 .3	70.8	74.7	74.9	77.8	81.4	82.6	84.	85.1	85.2	85.2	85.4	85.8	85.8
≥ 1200		5 .6	62.3	73.2	76.6	77.4	8 .4	84.3	85.4	87.2	88.1	88.2	88.2	88.4	88.8	88.9
≥ 1000		5 .1	63.0	74.1	77.6	78.4	81.4	85.3	86.4	88.2	89.1	89.2	89.2	89.4	89.8	89.9
≥ 900		5 .1	63.9	75.0	78.4	79.3	82.3	86.2	87.3	89.1	9 .7	90.1	90.1	90.3	90.7	90.7
≥ 800		5 .9	64.7	75.9	79.4	80.3	83.1	87.6	88.9	90.7	91.6	91.7	91.7	91.9	92.2	92.2
≥ 700		.4	65.3	76.7	8 .3	81.2	84.6	88.7	9 .7	92.1	93.0	93.1	93.1	93.3	93.7	93.7
≥ 600		0.4	65.4	77.1	8 .8	81.7	85.1	89.2	9 .7	92.8	93.7	93.8	93.8	94.0	94.3	94.3
≥ 500		0.4	65.4	77.4	81.2	82.1	85.8	9 .2	91.8	94.	94.9	95.	95.0	95.2	95.6	95.6
≥ 400		0.4	6 .4	77.4	81.3	82.2	86.1	90.8	92.6	95.0	95.9	96.	96.1	96.3	96.8	96.8
≥ 300		.4	65.4	77.4	81.3	82.2	8 .1	91.0	93.0	95.4	96.3	96.6	96.7	97.0	97.4	97.4
≥ 200		.4	65.4	77.4	81.3	82.2	86.1	91.2	93.3	96.0	96.9	97.3	97.6	98.0	98.7	98.9
≥ 100		0.4	65.4	77.4	81.3	82.2	86.1	91.2	93.3	96.	96.9	97.3	97.6	98.2	99.2	99.6
≥ 0		0.4	65.4	77.4	81.3	82.2	86.1	91.2	93.3	96.	96.9	97.3	97.6	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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

GL PAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75 7 ILDENHALL RAF K — 74-8 — JUN

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS F METE															
	≥10 ≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1½ GE2	≥1½ GE2	≥1 GE 6	≥¾ GE1	≥½ GE10	≥½ GE9	≥5 GF	≥4 GE4	≥0 GE
NO CEILING		2 .3	24.6	2 .4	31.4	31.6	32.7	33.6	33.7	33.8	33.8	33.8	33.8	3	33.9	34.7
≥ 20000		2 .8	30.7	36.0	38.2	38.2	39.4	4 .3	4 .4	40.6	40.6	40.6	40.6	4	.7	40.8
≥ 18000		2 .9	0.8	36.1	38.1	38.3	39.6	40.4	40.6	40.7	40.7	4 .7	4 .7	4	.8	40.9
≥ 16000		2 .9	3 .8	36.1	38.1	38.	39.6	40.4	40.6	40.7	40.7	40.7	40.7	40.	4 .9	40.9
≥ 14000		2 .9	3 .8	36.1	38.1	38.3	39.6	4 .4	4 .6	40.7	40.	40.7	40.7	40.8	40.8	40.9
≥ 12000		.3	31.2	36.3	38.8	39.1	4 .3	41.2	41.3	41.4	41.4	41.4	4 .4	41.6	41.6	41.7
≥ 10000		1.4	33.4	39.4	41.4	41.9	43.	43.9	44.	44.1	44.1	44.1	44.1	44.2	44.2	44.3
≥ 9000		3 .	34.6	40.6	42.7	43.0	44.6	45.4	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.9
≥ 8000		3 .	38.	44.3	46.4	46.8	48.7	49.9	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.3
≥ 7000		3 .7	4 .3	46.4	48.7	49.	50.9	52.2	52.3	52.4	52.4	52.4	52.4	52.6	52.6	52.7
≥ 6000		.3	4 .6	47.1	49.2	49.6	51.4	52.8	52.9	53.	53.0	53.0	53.0	53.1	53.1	53.2
≥ 5000		0.3	47.9	49.4	51.7	52.0	53.9	55.2	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.8
≥ 4500		3.1	4 .8	52.3	54.7	55.2	57.1	58.4	58.6	58.8	58.8	58.8	58.8	58.9	58.9	59.0
≥ 4000		4 .2	52.4	59.9	62.4	63.0	6 .2	66.6	66.7	67.3	67.3	67.3	67.3	67.4	67.4	67.6
≥ 3500		2.6	55.9	63.4	66.3	66.9	69.3	7 .7	7 .8	71.1	71.4	71.4	71.4	71.6	71.6	71.7
≥ 3000		5.1	58.7	67.2	7 .1	7 .7	73.1	74.6	74.7	75.6	75.8	75.8	75.8	75.9	75.9	76.0
≥ 2500		5 .7	62.2	69.0	72.1	72.7	75.1	76.8	76.9	77.8	78.	79.0	78.1	78.1	78.1	78.2
≥ 2000		5 .1	62.7	1.8	74.9	75.4	77.9	79.6	79.7	80.6	80.8	8 .8	8 .8	8 .9	8 .9	81.
≥ 1800		5 .8	63.3	72.4	75.6	76.1	78.4	8 .2	80.3	81.2	81.4	81.4	81.4	81.6	81.6	81.7
≥ 1500		3.1	66.7	76.2	79.3	79.9	82.4	94.1	84.2	85.1	85.3	85.3	85.3	85.4	85.4	85.6
≥ 1200		5.2	69.1	78.8	81.9	82.4	85.3	87.	87.4	88.3	88.6	88.6	88.6	88.7	88.7	88.8
≥ 1000		65.	69.8	79.6	82.8	83.3	86.4	98.2	88.7	89.6	89.8	89.8	89.8	89.9	89.9	9 .0
≥ 900		6.6	70.	80.6	83.9	84.4	87.6	89.4	89.9	90.8	91.	91.0	91.0	91.1	91.1	91.2
≥ 800		6 .1	71.4	81.7	85.	85.6	89.1	91.0	91.4	92.3	92.6	92.6	92.6	92.7	92.7	92.8
≥ 700		6 .4	72.	82.6	85.9	86.4	9 .1	92.6	93.	93.9	94.1	94.1	94.1	94.2	94.2	94.3
≥ 600		6 .6	72.1	82.9	86.2	86.8	9 .9	93.9	94.3	95.3	95.6	95.6	95.6	95.7	95.7	95.8
≥ 500		6 .7	72.2	83.2	86.6	87.1	91.6	94.6	95.1	96.2	96.4	96.4	96.4	96.6	96.6	96.7
≥ 400		6 .7	72.2	3.2	86.6	87.1	91.7	94.8	95.4	96.7	97.1	97.1	97.2	97.3	97.3	97.4
≥ 300		6 .7	72.2	83.3	86.7	87.2	91.8	95.0	96.0	97.6	98.0	98.0	98.1	98.4	98.7	98.8
≥ 200		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.7	98.4	98.6	98.9	99.3	99.6	99.7
≥ 100		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.8	98.6	98.7	98.9	99.6	99.9	100.0
≥ 0		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.8	98.6	98.7	98.9	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 370

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

U.S. A. CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible] | [illegible] | J[illegible]
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-[illegible]00
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR [illegible] HUNDREDS OF METERS)														
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.9	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING	[illegible]	[illegible]	2[illegible].9	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.	31.2	31.2
≥ 20000	[illegible]	33.	34.3	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2
≥ 18000	[illegible]	[illegible] .1	[illegible] .1	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6
≥ 6000	[illegible]	[illegible] .1	35.1	37.	37.4	7.4	[illegible] .4	37.4	37.4	37.4	37.4	37.4	37.6	37.5	37.6	37.6
≥ 14000	[illegible]	34.	35.6	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0
≥ 12000	[illegible]	[illegible] .4	36.6	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0
≥ 10000	[illegible]	[illegible] .0	39.1	40.0	40.4	40.4	4[illegible] .4	40.4	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6
≥ 9000	[illegible]	.3	39.4	41.3	41.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9
≥ 8000	[illegible]	41.	42.9	44.9	45.7	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.9	45.8	45.8
≥ 7000	[illegible]	[illegible] .3	44.8	46.8	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
≥ 6000	[illegible]	[illegible] 4.	45.2	47.2	47.7	47.7	48.	48.1	48.	48.1	48.1	48.	48.1	48.1	48.1	48.1
≥ 5000	[illegible]	4 .3	47.6	49.7	50.1	50.2	5 .6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	5 .7
≥ 4500	[illegible]	[illegible] .9	50.9	53.0	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1
≥ 4000	[illegible]	5.3	56.9	59.0	59.4	59.7	60.1	60.1	60.1	60.1	60.1	60.1	6 .2	60.2	60.2	6 .2
≥ 3500	[illegible]	2.	63.4	65.9	66.3	66.4	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 3000	[illegible]	4.3	75.8	78.1	78.9	79.	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 2500	[illegible]	6.8	78.2	80.6	81.3	81.4	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.0	82.0
≥ 2000	[illegible]	[illegible] .1	81.6	84.1	85.7	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1800	[illegible]	[illegible] .4	81.9	4.4	85.3	85.4	85.9	85.9	85.9	85.9	85.9	85.9	86.	86.0	85.	86.
≥ 1500	[illegible]	4.2	85.7	88.9	89.8	89.9	90.	90.7	90.7	90.7	90.7	90.7	90.8	90.8	9 .8	90.8
≥ 1200	[illegible]	7.3	88.9	92.6	93.7	93.8	94.9	95.	95.	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1000	[illegible]	8.1	89.7	93.6	94.8	94.9	96.1	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	[illegible]	8.3	90.0	94.2	95.4	95.6	96.8	97.	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 800	[illegible]	8.6	90.3	94.6	95.8	95.9	97.2	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 700	[illegible]	8.7	9 .4	94.7	95.9	96.0	97.4	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	[illegible]	8.7	9 .4	94.7	95.9	96.	97.6	98.1	98.3	98.6	98.	98.6	98.7	98.7	98.7	98.7
≥ 500	[illegible]	8.7	90.4	94.7	95.9	96.	97.6	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0
≥ 400	[illegible]	8.7	90.4	94.7	95.9	96.0	97.6	98.3	98.6	99.	99.1	99.2	99.3	99.4	99.4	99.4
≥ 300	[illegible]	8.7	90.4	94.7	95.9	96.0	97.6	98.3	98.7	99.4	99.6	99.7	99.8	99.9	99.9	99.9
≥ 200	[illegible]	8.7	9 .4	94.7	95.9	96.0	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	1 0.0	100.0
≥ 100	[illegible]	8.7	9 .4	94.7	95.9	96.	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	[illegible]	8.7	90.4	94.7	95.9	96.	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]00

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15771	ILDENHALL RAF UK	4-57	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1 0-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1 (≥1.6)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥0.8)	≥¼ (≥0.4)	≥¼ (≥0.4)	≥¼ (≥0.4)	≥¼ (≥0.4)	≥0 (≥0)
NO CEILING		29.9	30.1	30.8	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.0	31.0
≥20000		37.0	37.2	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥18000		37.0	37.4	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥16000		37.2	37.4	38.1	38.3	38.	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥14000		37.5	37.6	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥12000		37.4	38.7	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥10000		37.7	39.9	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥9000		41.1	40.3	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥8000		44.1	44.3	45.1	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥7000		44.	45.1	45.9	46.1	46.1	46.2	46.2	46.	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥6000		44.1	45.3	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥5000		44.3	49.2	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥4500		.6	51.8	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.	53.0	53.0	53.0	53.0	53.0
≥4000		1.3	61.6	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥3500		.6	71.9	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥3000		3.4	83.9	85.2	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥2500		7.0	87.4	89.0	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥2000		0.	90.3	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥1800		.7	91.1	93.2	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥1500		2.6	93.	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1200		2.9	94.3	96.9	97.4	97.4	97.8	97.8	97.8	98.	98.0	98.0	98.0	98.0	98.0	98.0
≥1000		4.6	95.1	97.9	98.6	98.6	99.0	99.	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥900		4.6	95.1	97.9	98.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥700		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥600		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500		4.7	95.2	98.0	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥400		4.7	95.2	98.0	99.0	99.0	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300		4.7	95.2	98.	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200		4.7	95.2	98.	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100		4.7	95.2	98.	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0		4.7	95.2	98.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35771 ILDENHALL RAF K 4-E? JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE15	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE34	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE09	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		2 .6	27.9	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 20000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000		3 .3	34.	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 14000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000		3 .0	35.3	35.9	36.	36.7	36.7	36.7	36.	36.0	36.0	36.0	36.7	36.7	36.0	36.0
≥ 10000		3 .6	37.9	38.9	39.0	39.0	39.	39.3	39.	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 9000		3 .7	9.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	4 .1	40.1	40.1	40.1	40.1
≥ 8000		2.3	42.7	43.7	43.9	44.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.	44.0
≥ 7000		4.4	44.3	45.9	46.1	46.1	46.2	46.2	46.	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000		44.	46.1	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 5000		1.0	51.4	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4500		5 .6	57.0	5 .1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000		6 .2	69.7	71.	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500		76.9	77.3	78.7	78.9	78.9	79.	79.1	79.	79.1	79.1	7 .1	79.1	79.1	79.1	79.1
≥ 3000		6.9	87.6	89.	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500		8.8	89.8	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000		.8	92.9	94.4	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800		2.1	93.1	94.8	95.1	95.2	9 .3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500		3.	94.1	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200		4.1	95.2	97.	97.4	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		5.0	96.2	98.0	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		.0	96.2	98.0	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800		5.	96.2	98.	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		5.1	96.4	98.2	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		5.1	96.6	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		5.1	96.6	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		.1	96.6	98.3	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		5.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		5.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		5.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35771	ILDENHALL RAF UK	74-83	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	¾ GE1	½ GE0.8	⅜ GE0.6	¼ GE0.5	⅛ GE0.4	0 GE0
NO CEILING		30.[illegible]	31.4	31.8	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.0	32.[illegible]	32.0
≥ 20000		3[illegible].3	39.9	40.8	41.0	41.0	41.0	41.0	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.[illegible]	41.0
≥ 18000		3[illegible].4	40.0	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000		3[illegible].4	4[illegible].0	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000		3[illegible].6	4[illegible].1	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000		3[illegible].7	40.2	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000		43.2	43.8	44.7	44.9	44.9	44.9	45.[illegible]	45.[illegible]	45.0	45.0	45.0	45.0	45.[illegible]	45.[illegible]	45.[illegible]
≥ 9000		4[illegible].[illegible]	45.9	46.9	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000		[illegible].4	51.[illegible]	52.1	52.3	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000		2.1	52.7	54.[illegible]	54.2	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000		52.7	53.2	54.6	54.8	54.9	55.[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 5000		[illegible].0	60.6	62.0	62.2	62.3	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500		[illegible].7	66.4	68.0	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000		75.2	76.4	78.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500		[illegible].6	82.7	84.3	84.6	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		5.4	86.9	89.3	89.6	89.7	9[illegible].1	9[illegible].3	9[illegible].3	9[illegible].4	9[illegible].4	9[illegible].4	9[illegible].4	90.4	90.4	90.4
≥ 2500		6.3	87.8	90.2	90.4	90.6	91.[illegible]	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		8[illegible].7	90.[illegible]	93.0	93.2	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		8[illegible].2	9[illegible].8	93.2	93.4	93.6	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500		[illegible].3	91.9	94.4	94.7	94.8	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200		1.2	93.1	95.9	96.1	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		1.3	93.6	96.3	96.7	96.9	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		1.[illegible]	93.6	96.3	96.7	96.9	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		1.8	94.[illegible]	96.9	97.2	97.4	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		2.1	94.3	97.2	97.6	97.9	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		2.1	94.3	97.2	97.6	97.9	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		2.2	94.6	97.4	97.8	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		2.3	94.7	97.6	97.9	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		2.2	94.7	97.6	97.9	98.2	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		2.2	94.7	97.6	97.9	98.2	99.[illegible]	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		2.2	94.7	97.6	97.9	98.2	99.[illegible]	99.6	99.6	99.9	99.9	1[illegible]0.0	1[illegible].0	100.0	100.0	100.0
≥ 0		2.2	94.7	97.6	97.9	98.2	99.[illegible]	99.6	99.6	99.9	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
SAFETY
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 — STATION
ILDENHALL RAF UK — STATION NAME
4-83 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2300 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE97	≥5 GE81	≥4 GE65	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		3 .3	36.4	38.	38.6	38.6	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 12000		3 .0	41.3	43.6	44.2	44.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000		2.2	44.6	47.0	47.7	47.7	49.	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 9000		3.4	4 .9	48.4	49.1	49.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000		4 .7	52.3	54.9	55.6	55.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.	57.0
≥ 7000		5 .	53.6	56.1	56.8	56.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 6000		1.4	54.1	56.7	57.3	57.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000		5.3	58.2	61.1	61.8	61.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500		61.	6 .1	69.3	69.0	69.0	70.4	70.6	70.6	70.6	7 .6	70.6	70.6	70.6	70.6	70.6
≥ 4000		6 .7	71.6	75.6	76.2	76.2	77.8	7 .0	78.0	78.0	78.0	78.0	78.0	78.0	78.	78.0
≥ 3500		1.	75.7	79.3	8 .0	80.0	81.9	82.1	82.1	8 .1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000		4.8	78.8	83.7	84.4	84.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500		6.4	80.4	85.6	86.3	86.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		7 .3	82.3	7.7	88.4	88.4	90.7	90.9	90.9	90.9	9 .9	90.9	90.9	90.9	90.9	90.9
≥ 1800		7 .2	83.2	88.6	89.3	89.3	91.6	1.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500		7 .3	84.4	89.9	9 .7	90.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200		1.2	85.4	91.6	92.3	92.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		1.8	86.7	92.3	93.1	93.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900		2.	86.4	92.9	93.8	93.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800		3.	87.6	94.1	94.9	94.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700		3.	87.8	94.3	95.2	95.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		3.1	87.9	94.4	95.3	95.3	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500		3.2	88.0	94.7	95.6	95.6	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		3.	88.3	95.1	96.0	96.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		3.3	88.3	95.2	96.	96.1	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
75[illegible]	MILDENHALL RAF UK	74-83	JUN

HOURS (LST): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE10	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		[illegible].2	3[illegible].4	32.7	33.5	33.6	3[illegible].2	34.6	34.7	34.8	34.8	34.9	34.9	34.9	34.9	35.[illegible]
≥ 20000		34.[illegible]	36.1	38.8	39.6	39.7	4[illegible].5	41.[illegible]	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4
≥ 18000		34.[illegible]	36.2	38.9	39.7	39.8	4[illegible].6	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5
≥ 16000		34.[illegible]	36.2	38.9	39.7	39.8	40.6	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5
≥ 14000		34.[illegible]	36.3	39.0	3[illegible].8	39.9	40.7	41.2	41.3	41.4	41.5	41.5	41.5	41.5	41.6	41.6
≥ 12000		3[illegible].3	36.7	39.5	4[illegible].3	40.4	41.2	41.6	41.8	41.9	42.0	42.0	42.0	42.0	42.1	42.1
≥ 10000		3[illegible].4	38.8	41.8	42.6	42.7	43.5	44.[illegible]	44.2	44.[illegible]	44.4	44.4	44.4	44.4	44.5	44.5
≥ 9000		3[illegible].5	40.[illegible]	43.0	43.8	44.[illegible]	44.8	45.3	45.5	45.6	45.7	45.7	45.7	45.8	45.8	45.8
≥ 8000		42.6	44.2	47.4	48.3	48.5	49.4	5[illegible].1	5[illegible].2	50.4	50.5	50.5	50.5	50.5	50.6	50.6
≥ 7000		4[illegible].1	4[illegible].7	49.1	50.0	50.1	51.1	51.8	51.9	52.1	52.2	52.2	52.2	52.3	52.3	52.3
≥ 6000		4[illegible].5	46.2	49.6	5[illegible].5	50.6	51.6	52.3	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.8
≥ 5000		4[illegible].3	5[illegible].0	53.5	54.4	54.6	55.6	56.3	56.4	56.6	56.7	56.7	56.7	56.8	56.8	56.8
≥ 4500		52.[illegible]	54.7	58.4	59.3	59.5	6[illegible].6	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.9
≥ 4000		[illegible].5	62.7	66.8	67.8	68.0	69.2	69.9	7[illegible].1	70.3	70.4	70.5	70.5	70.5	70.6	70.6
≥ 3500		5.6	67.8	[illegible]2.3	73.3	73.6	74.9	75.8	75.9	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 3000		[illegible]1.3	74.4	79.1	8[illegible].4	80.6	82.1	[illegible]2.9	83.1	83.4	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2500		[illegible].8	76.2	81.1	82.4	82.7	84.1	85.	85.	85.5	85.7	85.7	85.7	85.7	85.8	85.8
≥ 2000		6.5	79.	84.1	85.4	85.7	87.2	88.1	88.2	88.5	88.7	88.7	88.7	88.8	88.8	88.8
≥ 1800		7.5	79.5	84.6	85.9	86.2	87.7	88.6	88.7	89.	89.2	89.2	89.2	89.3	89.3	89.3
≥ 1500		7[illegible].0	81.5	86.[illegible]	88.2	88.5	90.0	90.9	91.1	91.4	91.5	91.6	91.6	91.6	91.7	91.7
≥ 1200		[illegible].5	83.2	88.8	9[illegible].3	90.5	92.3	93.2	93.4	93.8	94.0	94.0	94.0	94.0	94.1	94.1
≥ 1000		1.1	83.9	89.7	91.2	91.4	93.2	94.2	94.4	94.8	95.0	95.0	95.0	95.0	95.1	95.1
≥ 900		[illegible]1.5	84.3	9[illegible].2	91.7	92.[illegible]	93.8	94.8	95.	95.4	95.5	95.6	95.6	95.6	95.7	95.7
≥ 800		[illegible]1.9	84.9	90.9	92.4	92.7	94.6	95.7	95.9	96.3	96.5	96.5	96.5	96.5	96.6	96.6
≥ 700		[illegible].2	85.2	91.3	92.8	93.1	95.1	96.3	96.6	97.0	97.1	97.2	97.2	97.2	97.3	97.3
≥ 600		[illegible]2.3	85.3	91.4	93.[illegible]	93.3	95.4	96.7	97.0	97.4	97.6	97.6	97.6	97.6	97.7	97.7
≥ 500		[illegible]2.3	85.4	91.6	93.3	93.5	95.7	97.1	97.4	97.9	98.1	98.1	98.1	98.2	98.2	98.2
≥ 400		[illegible]2.3	85.4	91.7	93.4	93.7	96.[illegible]	97.5	97.8	98.4	98.6	98.6	98.6	98.7	98.8	98.8
≥ 300		[illegible]2.3	85.4	91.7	93.5	93.8	96.1	97.7	98.2	98.9	99.	99.1	99.1	99.3	99.3	99.3
≥ 200		.3	85.4	91.7	93.5	93.8	96.1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.8	99.8
≥ 100		[illegible]2.3	85.4	91.7	93.5	93.8	9[illegible].1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.9	99.9
≥ 0		[illegible]2.3	85.4	91.7	93.5	93.8	96.1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]30

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) 4-8[illegible] (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-2[illegible]00 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS)															
	≥10 (16)	≥6 (9.6)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0.0)
NO CEILING		1.3	44.3	48.2	49.2	49.6	51.3	51.6	51.7	51.9	51.9	51.9	51.9	51.9	52.2
≥ 20000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.7
≥ 18000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.7
≥ 16000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.7
≥ 14000		44.6	49.2	51.8	52.9	53.2	55.3	56.1	56.	56.5	56.5	56.5	56.5	56.5	56.7
≥ 12000		44.	49.5	52.2	53.2	53.5	55.6	56.5	56.6	56.8	56.8	56.8	56.8	56.8	57.0
≥ 10000		4 .5	50.0	53.7	54.7	55.1	57.1	58.1	58.2	58.5	58.6	58.6	58.6	58.6	58.8
≥ 9000		4 .9	51.0	54.6	55.7	56.0	58.1	59.0	59.1	59.5	59.6	59.6	59.6	59.6	59.8
≥ 8000		2.4	56.	59.8	61.9	61.2	63.2	64.2	64.3	64.6	64.7	64.7	64.7	64.7	64.9
≥ 7000		3.1	56.9	6 .6	61.7	62.1	64.1	65.1	65.2	65.5	65.6	65.6	65.6	65.6	65.8
≥ 6000		3.4	57.2	61.	62.0	62.4	64.4	65.4	65.5	65.8	65.9	65.9	65.9	65.9	66.1
≥ 5000		5.1	58.8	62.6	63.7	64.0	66.0	67.	67.1	67.4	67.5	67.5	67.5	67.5	67.7
≥ 4500		0.6	64.5	6 .4	69.5	69.8	71.8	72.8	73.0	73.4	73.5	73.5	73.5	73.5	73.8
≥ 4000		5.3	67.9	74.2	75.3	75.6	77.6	78.6	78.8	79.2	79.4	79.4	79.4	79.4	79.6
≥ 3500		6 .1	72.9	77.2	79.3	78.6	8 .6	81.6	81.8	8 .3	82.4	82.4	82.4	82.4	82.6
≥ 3000		0.0	74.9	79.1	8 .2	80.5	82.6	83.7	83.9	84.3	84.4	84.4	84.4	84.4	84.6
≥ 2500		1.8	76.7	81.1	82.3	82.6	84.6	85.7	85.9	86.3	86.5	86.5	86.5	86.5	86.7
≥ 2000		4.1	80.0	85.3	86.5	86.8	88.9	90.1	90.3	90.8	90.9	9 .9	90.9	90.9	91.1
≥ 1800		5.6	8 .6	85.9	87.1	87.4	89.1	90.8	91.0	91.4	91.5	91.5	91.5	91.5	91.7
≥ 1500		6.3	82.	87.5	88.8	89.2	91.4	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.5
≥ 1200		7 .1	83.2	88.7	9 .0	90.4	92.6	93.8	94.	94.4	94.5	94.5	94.5	94.5	94.7
≥ 1000		7 .6	83.8	89.7	91.0	91.4	93.5	94.7	94.9	95.4	95.5	95.5	95.5	95.5	95.7
≥ 900		7 .1	8 .3	90.2	91.5	91.9	94.1	95.3	95.5	95.9	96.	96.0	96.0	96.0	96.2
≥ 800		7 .6	84.7	91.1	92.4	92.8	94.9	96.1	96.3	96.8	96.9	96.9	96.9	96.9	97.1
≥ 700		7 .8	85.1	91.4	92.7	93.1	95.3	96.5	96.7	97.1	97.2	97.2	97.2	97.2	97.4
≥ 600		7 .8	85.1	91.5	92.8	93.2	95.4	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.6
≥ 500		7 .8	85.1	91.8	93.1	93.5	95.7	97.	97.2	97.6	97.7	97.7	97.7	97.7	98.
≥ 400		7 .8	8 .1	91.8	93.2	93.7	95.8	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.5
≥ 300		7 .8	85.1	91.9	93.5	94.0	96.1	97.8	98.3	98.7	99.0	99.0	99.0	99.0	99.2
≥ 200		7 .8	85.1	91.9	93.5	94.	96.2	98.1	98.6	99.0	99.4	99.4	99.4	99.4	99.8
≥ 100		7 .8	85.1	91.9	93.5	94.0	96.2	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0
≥ 0		7 .8	85.1	91.9	93.5	94.0	96.2	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35771	ILCENHALL RAF K	4-8	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-2500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >15	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		2.1	28.7	31.7	32.7	32.8	35.2	36.2	36.5	37.1	37.5	37.7	37.8	38.7	39.3	38.6
≥ 20000		2.7	31.5	35.5	36.7	36.8	39.5	40.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 18000		2.7	31.5	35.5	36.7	36.8	39.5	40.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 16000		2.7	31.5	35.5	36.7	36.9	39.9	40.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 14000		2.7	31.5	35.5	36.7	36.8	39.5	40.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 12000		2.1	31.9	35.8	37.1	37.1	39.8	41.1	41.5	42.3	42.8	43.	43.1	43.4	43.5	44.0
≥ 10000		2.1	33.0	37.4	38.9	39.0	41.7	43.1	43.5	44.3	44.8	45.1	45.2	45.5	45.6	46.1
≥ 9000		2.5	33.3	37.7	39.2	39.4	42.0	43.4	43.9	44.6	45.2	45.4	45.5	45.8	45.9	46.5
≥ 8000		35.6	3.6	44.4	45.9	46.0	48.9	50.3	50.9	51.5	52.0	52.3	52.4	52.9	53.7	53.7
≥ 7000		3.	40.7	44.8	46.5	46.6	49.6	51.1	51.5	52.3	52.8	53.0	53.1	53.7	53.8	54.4
≥ 6000		3.7	40.4	45.5	47.1	47.2	5.2	51.7	52.2	52.9	53.4	53.7	53.8	54.3	54.4	55.1
≥ 5000		3.7	43.8	48.9	50.5	50.6	53.7	55.2	55.6	56.3	57.	57.2	57.3	57.8	58.	58.6
≥ 4500		4.3	50.4	57.2	58.1	58.3	61.3	62.8	63.2	64.0	64.6	64.8	64.9	65.5	65.6	66.2
≥ 4000		1.	56.6	63.4	65.4	65.6	68.8	70.3	70.8	71.6	72.3	72.6	72.7	73.2	73.3	74.1
≥ 3500		53.3	5.1	66.5	63.4	68.6	71.9	73.5	74.	74.8	75.5	75.8	75.9	76.5	76.6	77.3
≥ 3000		54.	60.9	68.4	7.3	70.5	73.9	75.7	76.1	77.	77.6	78.	78.1	78.6	78.7	79.6
≥ 2500		5.4	64.5	72.5	74.4	74.6	78.0	79.8	8.2	81.1	81.7	82.	82.2	82.7	82.8	83.7
≥ 2000		.5	66.8	5.3	77.2	77.4	81.0	82.8	83.2	84.1	84.7	85.1	85.2	85.7	85.8	86.7
≥ 1800		.6	66.9	75.4	77.3	77.5	81.1	2.9	83.3	84.3	84.9	85.3	85.4	85.9	86.	86.9
≥ 1500		61.	68.5	77.6	79.6	79.9	83.4	85.3	85.7	86.7	87.3	87.6	87.7	88.3	88.4	89.2
≥ 1200		3.0	69.6	78.8	8.8	81.1	84.6	86.5	86.9	87.8	88.5	88.8	88.9	89.5	89.6	90.4
≥ 1000		3.7	70.4	80.9	82.8	83.1	86.8	88.6	89.	90.0	90.6	91.0	91.1	91.6	91.7	92.6
≥ 900		4.7	71.7	82.3	84.2	84.5	88.2	90.0	90.4	91.4	92.	92.4	92.5	93.	93.1	94.
≥ 800		5.2	72.2	83.	84.9	85.3	89.0	90.9	91.3	92.3	92.9	93.2	93.3	93.9	94.	94.8
≥ 700		5.2	72.3	83.2	85.2	85.6	89.4	91.2	91.6	92.6	93.2	93.5	93.7	94.2	94.3	95.2
≥ 600		5.2	72.3	83.2	85.2	85.6	89.4	91.2	91.6	92.6	93.2	93.5	93.7	94.2	94.3	95.2
≥ 500		5.2	72.3	83.8	85.9	86.5	90.4	92.3	92.7	93.7	94.4	94.7	94.8	95.4	95.5	96.3
≥ 400		5.2	72.3	83.8	86.0	86.6	90.5	92.5	92.9	93.9	94.6	95.1	95.2	95.7	95.8	96.7
≥ 300		5.2	72.3	83.8	86.1	86.8	91.0	93.1	93.5	94.8	95.7	96.2	96.3	97.1	97.2	98.1
≥ 200		5.2	72.3	83.8	86.2	86.8	91.	93.1	93.7	95.3	96.1	96.8	96.9	98.0	98.2	99.0
≥ 100		5.2	72.3	83.8	86.2	86.8	91.	93.2	93.9	95.5	96.3	97.	97.1	98.2	98.5	99.9
≥ 0		5.2	72.3	83.8	86.2	86.9	91.	93.2	93.9	95.5	96.3	97.	97.1	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5577 — STATION
ILDENHALL RAF K — STATION NAME
4-87 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

530-0800 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR EQUIVALENTS IN METERS)															
	≥10 (≥16)	≥6 (GE9.7)	≥5 (GE8)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE0.8)	≥⅜ (GE0.6)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0)
NO CEILING		2 .6	27.8	30.6	31.3	31.4	32.9	33.2	33.5	34.1	34.1	34.1	34.1	34.	34.1	34.1
≥ 20000		7 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.	39.0	39.0	39.1	39.1	39.1
≥ 18000		7 .9	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.	39.0	39.0	39.1	39.1	39.1
≥ 16000		7 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.0	39.0	39.0	39.1	39.1	39.1
≥ 14000		7 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.0	39.0	39.0	39.1	39.1	39.1
≥ 12000		30.7	32.0	35.5	36.5	36.6	37.6	38.6	39.	39.7	39.8	39.8	39.8	39.9	39.9	39.9
≥ 10000		31.	33.1	37.0	38.0	38.1	39.1	4 .1	40.5	41.2	41.3	41.3	41.3	41.4	41.4	41.4
≥ 9000		7 .	33.4	37.3	38.3	38.4	39.6	40.5	41.0	41.6	41.7	41.7	41.7	41.8	41.8	41.8
≥ 8000		3 .1	39.9	44.7	45.8	45.9	47.1	48.9	49.4	50.0	50.1	50.1	50.1	50.2	5 .2	5 .2
≥ 7000		7 .8	4 .4	45.6	46.7	46.8	48.6	49.8	5 .2	50.9	1.0	51.0	51.0	51.1	51.1	51.1
≥ 6000		3 .7	41.5	46.5	47.5	47.6	49.5	5 .6	51.1	51.7	51.8	51.8	51.8	51.9	1.9	51.9
≥ 5000		43.1	45.7	50.6	51.7	51.8	53.7	54.9	55.4	56.1	56.1	56.1	56.1	56.2	56.2	56.2
≥ 4500		0.	52.6	58.4	59.5	59.6	61.4	62.7	63.1	63.8	63.9	63.9	63.9	64.	64.0	64.0
≥ 4000		5 .6	59.1	65.7	66.8	66.9	68.7	70.1	70.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7
≥ 3500		5 .3	61.1	67.8	68.9	69.	71.1	72.5	72.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1
≥ 3000		1.1	64.2	71.3	72.4	72.5	74.6	76.1	76.6	77.5	77.6	77.6	77.6	77.7	77.7	77.7
≥ 2500		2.5	65.7	72.8	73.9	74.0	76.1	77.6	78.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 2000		4.4	67.7	74.8	76.0	76.1	78.4	79.9	80.3	81.3	81.4	81.4	81.5	81.6	81.6	81.6
≥ 1800		4.6	68.	75.3	76.5	76.6	78.8	0.3	80.8	81.7	81.8	81.8	81.9	82.0	82.	82.0
≥ 1500		6 .	70.4	78.1	79.1	79.2	81.6	83.1	83.8	84.7	84.8	84.8	84.9	85.1	85.1	85.1
≥ 1200		0.4	74.1	81.7	82.9	83.	85.5	87.1	87.6	88.6	88.7	88.7	88.8	88.9	88.9	88.9
≥ 1000		1.7	75.6	83.4	84.8	84.9	87.4	89.	89.7	9 .6	90.8	90.8	90.9	91.	91.0	91.0
≥ 900		2.	76.3	84.2	85.6	85.7	88.2	89.8	90.4	91.4	91.5	91.5	91.6	91.7	91.7	91.7
≥ 800		2.4	76.5	84.3	85.7	85.8	88.9	90.2	90.9	91.8	91.9	91.9	92.0	92.2	92.2	92.2
≥ 700		2.8	76.9	85.1	86.7	86.8	89.6	91.4	92.	93.0	93.1	93.1	93.2	93.3	93.3	93.3
≥ 600		2.9	77.0	85.3	87.1	87.2	9 .0	91.9	92.6	93.5	93.7	93.7	93.8	93.9	93.9	93.9
≥ 500		3.0	77.2	85.6	87.7	87.8	91.2	93.2	93.9	94.9	95.1	95.2	95.3	95.5	95.5	95.5
≥ 400		3.1	77.2	85.7	88.2	88.3	91.9	94.2	94.9	96.0	96.1	96.3	96.5	96.7	96.7	96.7
≥ 300		3.	77.2	85.7	88.2	88.3	91.9	94.4	95.3	96.7	96.9	97.2	97.4	98.0	98.1	98.1
≥ 200		3.	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.0	99.2
≥ 100		3.0	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.1	100.0
≥ 0		73.0	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7517	WILDENHALL RAF UK	4-83	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 000-1200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.9	≥2 GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		24.[illegible]	25.5	28.4	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.[illegible]	29.1	29.1
≥ 20000		30.[illegible]	31.3	34.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000		30.[illegible]	31.[illegible]	34.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000		[illegible]	31.5	34.5	35.5	35.[illegible]	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 14000		31.2	31.[illegible]	34.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000		1.3	32.[illegible]	35.1	36.[illegible]	36.[illegible]	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 10000		3.2	34.3	37.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000		3.[illegible]	35.1	38.2	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 8000		.4	41.5	44.9	46.[illegible]	46.[illegible]	4[illegible].2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 7000		41.[illegible]	42.7	46.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000		41.[illegible]	42.8	46.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 5000		44.6	45.7	49.1	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4500		4[illegible].4	49.9	53.1	54.2	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000		5.1	56.3	6[illegible].2	61.3	61.[illegible]	61.9	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3500		.3	61.9	66.2	67.3	67.3	68.[illegible]	68.2	68.2	68.[illegible]	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000		6[illegible].2	68.8	73.7	74.7	74.7	75.5	75.7	75.8	76.[illegible]	76.[illegible]	76.0	76.[illegible]	76.0	76.0	76.0
≥ 2500		6[illegible].5	71.3	76.5	77.5	77.5	78.3	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000		6.5	78.[illegible]	83.5	84.6	84.6	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800		7.5	79.4	84.6	85.7	85.7	86.[illegible]	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.[illegible]	87.0
≥ 1500		1.1	82.9	88.3	89.5	89.5	9[illegible].2	9[illegible].4	9[illegible].6	9[illegible].0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200		4.1	86.0	91.6	92.9	92.9	93.7	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000		4.9	87.1	92.8	94.1	94.1	95.1	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900		5.[illegible]	87.5	93.4	94.7	94.7	95.8	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800		5.4	87.6	93.5	94.8	94.8	96.1	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700		5.9	88.3	94.4	95.8	95.8	97.2	97.6	98.[illegible]	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		5.9	88.3	94.4	95.8	95.8	97.4	98.[illegible]	98.3	98.7	98.7	98.7	98.7	98.7	98.[illegible]	98.7
≥ 500		5.9	88.3	94.5	95.9	95.9	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400		5.9	88.3	94.5	95.9	95.9	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300		5.9	88.3	94.5	96.[illegible]	96.0	97.8	98.6	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200		5.9	88.3	94.5	96.[illegible]	96.3	97.8	98.6	99.[illegible]	99.5	99.6	99.7	99.8	100.0	100.0	100.0
≥ 100		5.9	88.3	94.5	96.[illegible]	96.[illegible]	97.8	98.6	99.[illegible]	99.5	99.6	99.7	99.8	100.0	100.0	100.0
≥ 0		5.9	88.3	94.5	96.0	96.0	97.8	98.6	99.[illegible]	99.5	99.6	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

75171 (STATION) ILDENHALL RAF (STATION NAME) 4-8? (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1?00-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
									OR (HUNDREDS OF METERS)							
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		2 .2	25.1	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 20000		2?.9	30.?	32.8	33.0	33.0	33.0	33.	33.	33.?	33.?	33.?	33.?	33.?	33.?	33.?
≥ 18000		?0.0	30.	32.?	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 16000		? .0	30.	32.9	33.?	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 14000		. .3	31.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 12000		?0.4	31.3	33.3	33.?	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 10000		2.0	33.1	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 9000		3.1	3 .2	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
≥ 8000		? .9	4 .?	42.2	42.5	4 .5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 7000		3?.4	4 .4	42.7	43.?	43.3	43.?	43.?	43.?	43.0	43.0	43.0	43.0	43.0	43.0	43.?
≥ 6000		3 .7	40.8	43.	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 5000		42.?	44.0	46.3	46.?	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4500		.1	52.2	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4000		3.1	64.3	66.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500		? .?	72.4	75.1	75.7	75.3	76.1	76.1	76.	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000		7 .?	79.6	82.9	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500		?1.0	82.7	86.1	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		6.	88.3	91.3	92.6	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800		?7.4	89.5	93.1	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		8 .7	91.7	95.4	96.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		?.6	92.8	96.5	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		.2	93.3	97.0	97.7	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900		?1.	93.4	97.1	97.8	98.1	98.9	99.0	99.0	99.0	99.	99.0	99.0	99.0	99.0	99.0
≥ 800		?1.3	93.4	97.2	98.0	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		?1.4	93.5	97.3	98.2	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		?1.4	93.5	97.3	98.2	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		?1.4	93.5	97.3	98.4	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		. .4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	10 .0	100.0	100.0	100.0	100.0	100.0
≥ 300		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	1?0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35[illegible]	ILDENHALL RAF [illegible]	[illegible]4-87	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1[illegible]0-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE15	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	[illegible]	2[illegible].3	27.8	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	[illegible]	3[illegible].0	34.[illegible]	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	[illegible]	3[illegible]	3[illegible].3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 5000	[illegible]	3[illegible].3	35.3	36.3	36.5	36.5	3[illegible].5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 4000	[illegible]	34.[illegible]	35.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 2000	[illegible]	3[illegible].2	36.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 10000	[illegible]	3[illegible].5	37.4	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	[illegible]	3[illegible].2	40.2	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000	[illegible]	3.4	44.4	45.5	45.9	45.9	4[illegible].9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 7000	[illegible]	44.[illegible]	45.9	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 6000	[illegible]	4[illegible].2	46.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	[illegible]	4[illegible].7	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	[illegible]	5[illegible]	61.8	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000	[illegible]	3.7	74.7	76.3	76.8	76.8	7[illegible].9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	[illegible]	[illegible].9	82.9	84.1	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	[illegible]	5.3	87.[illegible]	88.9	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	[illegible]	[illegible]7.5	89.5	91.4	91.9	91.9	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	[illegible]	[illegible].0	91.[illegible]	94.4	94.9	94.9	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	[illegible]	[illegible].3	92.3	94.7	95.3	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	[illegible]	1.7	93.7	96.1	96.8	96.8	97.[illegible]	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	[illegible]	3.0	94.7	97.5	98.3	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	[illegible]	[illegible]3.3	95.3	97.8	98.6	98.6	98.8	99.[illegible]	99.[illegible]	99.[illegible]	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	[illegible]	[illegible].3	95.3	97.8	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	[illegible]	3.3	95.3	97.8	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	[illegible]	[illegible]3.3	95.4	98.1	98.8	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	[illegible]	[illegible]3.3	95.4	98.3	99.[illegible]	99.[illegible]	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	[illegible]	[illegible]3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	[illegible]3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	[illegible]3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	[illegible]3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	[illegible]	[illegible]3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]71 (STATION) ILDENHALL RAF K (STATION NAME) 4-8[illegible] (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE15	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥7/16 GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		3[illegible].2	36.7	36.9	37.1	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000		43.5	44.6	45.8	46.0	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000		43.[illegible]	44.7	45.9	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000		43.[illegible]	44.7	45.9	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 14000		43.[illegible]	44.9	46.1	46.3	46.3	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000		44.0	45.1	46.2	46.5	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000		4[illegible].3	47.5	48.7	49.0	49.0	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000		4[illegible].5	49.7	51.0	51.3	51.3	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000		4[illegible].4	55.7	57.[illegible]	57.4	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000		54.[illegible]	56.3	57.7	58.2	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 6000		5[illegible].6	57.7	58.5	58.9	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000		6[illegible]	62.4	63.9	64.3	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500		6[illegible].9	71.[illegible]	73.1	73.5	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000		7[illegible].5	79.5	81.[illegible]	81.4	81.[illegible]	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		1[illegible].8	84.[illegible]	85.7	86.1	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000		4.5	86.8	88.9	89.4	89.4	9[illegible].2	9[illegible].3	90.3	90.3	90.3	9[illegible].3	9[illegible].3	90.3	90.3	90.3
≥ 2500		6.2	89.5	91.0	91.4	91.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		8.[illegible]	90.8	93.3	94.2	94.2	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800		8.4	9[illegible].9	93.9	94.3	94.3	9[illegible].2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		9[illegible].6	92.[illegible]	95.2	95.6	95.7	97.[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		9[illegible].3	92.9	96.[illegible]	96.5	96.6	97.8	98.[illegible]	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		9[illegible].8	93.3	96.5	97.0	97.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		[illegible].9	93.4	96.6	97.1	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		1[illegible].0	93.5	96.7	97.2	97.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		1.1	93.7	96.9	97.4	97.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		1.1	93.7	96.9	97.5	97.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		1.2	93.8	97.0	97.6	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		[illegible].2	93.8	97.0	97.6	97.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		1.2	93.8	97.[illegible]	97.6	97.7	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200		1.2	93.8	97.[illegible]	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		1.2	93.8	97.[illegible]	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ [illegible]		1.2	93.8	97.0	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5'7' (STATION) ILDENHALL RAF K (STATION NAME) 4-37 (YEARS) Jul (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		3 .7	40.9	43.3	43.4	43.4	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000		4 .6	46.9	50.2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000		4 .6	46.9	50.2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 6000		4 .6	46.9	5 .2	5 .4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000		4 .6	46.9	5 .2	5 .4	5 .4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 2000		4 .7	47.3	5 .6	5 .9	53.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	2.2	52.2
≥ 10000		4 .6	48.9	52.3	52.5	52.5	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 9000		4 .1	50.3	53.	54.7	54.0	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000		4.	55.4	58.8	59.	59.3	60.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 7000		4.4	55.9	59.2	59.5	59.5	6 .9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000		4.6	5 .	59.6	59.8	59.8	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 5000		5 .6	60.0	63.5	63.8	63.8	65.2	65.7	65.7	65.3	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500		5.	67.	71.4	71.6	71.6	73.0	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000		.6	73.4	77.7	78.2	78.2	79.8	0.3	80.3	80.4	80.4	80.4	80.4	80.4	8 .4	80.4
≥ 3500		.3	77.	81.7	82.3	82.3	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000		6.7	78.7	83.3	83.9	83.9	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	8 .2	86.2
≥ 2500		7 .7	80.9	85.9	86.5	86.5	88.4	88.9	88.9	89.	89.0	89.0	89.0	89.0	89.0	89.
≥ 2000		.9	83.7	8 .6	89.2	89.2	91.6	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		1.1	83.2	88.8	89.6	89.6	9 .0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		3.	85.3	91.7	91.7	91.8	94.5	95.1	95.1	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200		3.9	86.2	92.3	93.	93.1	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		4.6	87.2	93.3	94.1	94.2	97.3	97.8	97.8	98.	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		4.7	87.3	93.5	94.3	94.4	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		5.1	87.6	94.	94.7	94.8	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		5.1	87.6	94.1	94.8	94.9	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		5.1	87.6	94.1	94.8	94.9	98.3	98.9	98.9	99.	99.	99.0	99.0	99.0	99.0	99.0
≥ 500		5.1	87.6	94.1	94.8	94.9	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		5.1	87.	94.1	94.8	94.9	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		5.1	87.6	94.1	94.8	94.9	98.3	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		5.1	87.6	94.1	94.8	94.9	98.3	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 100		5.1	87.6	94.1	94.8	94.9	98.3	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 0		5.1	87.6	94.1	94.8	94.9	98.3	99.4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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

CL AL CLIMATOLOGY BRA CH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

STATION: 15171 STATION NAME: ILDENHALL RAF K YEARS: 4-8? MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE32	≥6 GE19	≥5 GE3[illegible]	≥4 GE[illegible]	≥3 GE4[illegible]	≥2½ GE4[illegible]	≥2 GE33	≥1½ GE24	≥1 GE2[illegible]	≥1 GE16	≥¾ GE12	≥½ GE1[illegible]	≥[illegible] GE[illegible]	≥[illegible] GE[illegible]	≥[illegible] GE[illegible]	≥0 GE[illegible]
NO CEILING		[illegible]	3[illegible]	34.3	34.9	34.9	35.6	35.[illegible]	36.[illegible]	36.2	36.3	36.3	36.3	36.3	36.3	36.4
≥ 20000		35.	37.4	4[illegible].1	4[illegible].3	4[illegible].3	41.8	42.2	42.3	42.5	4[illegible].6	42.6	42.6	42.7	42.7	42.8
≥ 18000		35.	37.5	4[illegible].2	4[illegible].9	4[illegible].9	41.9	42.3	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.9
≥ 16000		35.	37.5	40.2	40.9	40.9	41.9	42.3	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.9
≥ 14000		3[illegible].7	[illegible]7.7	40.4	41.0	41.1	42.0	42.5	42.6	42.8	42.9	42.9	42.9	43.[illegible]	43.[illegible]	43.1
≥ 12000		3[illegible].3	33.	40.7	41.4	41.4	42.4	42.8	42.9	43.1	43.2	43.2	43.2	43.3	43.3	43.4
≥ 10000		37.[illegible]	39.6	42.5	43.2	43.2	44.2	44.7	44.8	45.0	45.1	45.1	45.2	45.2	45.2	45.3
≥ 9000		3[illegible].1	40.[illegible]	43.8	44.5	44.5	45.9	46.	46.1	46.3	46.4	46.5	46.5	46.[illegible]	46.5	46.6
≥ 8000		44.	46.6	49.7	50.4	50.5	51.6	52.1	52.3	52.5	52.6	52.6	52.6	52.7	52.7	52.8
≥ 7000		4[illegible].4	7.3	50.5	51.3	51.3	52.5	53.0	53.1	53.4	53.5	53.5	53.5	53.6	53.6	53.7
≥ 6000		45.	47.8	5[illegible].9	51.7	51.8	52.9	53.5	53.6	53.8	53.9	53.9	53.9	54.0	54.[illegible]	54.1
≥ 5000		4[illegible].4	51.4	54.6	55.4	55.5	56.7	57.2	57.4	57.6	5[illegible].7	57.7	57.7	57.8	57.8	57.9
≥ 4500		5[illegible].6	58.9	62.3	63.1	63.2	64.4	64.9	65.1	65.3	65.4	65.4	65.5	65.	65.6	65.7
≥ 4000		4.2	66.7	70.7	71.5	71.7	72.9	73.5	73.6	74.	74.1	74.1	74.1	74.2	74.2	74.3
≥ 3500		6[illegible].	71.4	75.5	76.5	76.6	77.9	78.5	78.6	79.	79.1	79.1	79.1	79.2	79.2	79.3
≥ 3000		[illegible].2	75.1	79.6	80.5	80.5	82.0	82.7	82.8	83.2	83.3	83.3	83.3	83.4	83.4	83.6
≥ 2500		4.4	77.4	82.2	83.1	83.2	84.6	85.3	85.5	85.8	85.9	86.0	86.0	86.1	86.1	86.2
≥ 2000		7.7	8[illegible].8	86.	86.9	87.1	88.6	89.3	89.4	89.8	89.9	89.9	89.9	90.0	90.0	90.2
≥ 1800		7[illegible].2	81.3	86.5	87.4	87.6	89.1	89.8	9[illegible].1	90.3	9[illegible].4	9[illegible].5	9[illegible].5	9[illegible].6	9[illegible].7	
≥ 1500		[illegible].1	83.3	8.6	89.7	89.8	91.5	92.2	92.4	92.7	92.9	92.9	92.9	93.	93.0	93.2
≥ 1200		1.7	85.	90.4	91.4	91.[illegible]	93.3	94.0	94.2	94.6	94.7	94.7	94.8	94.8	94.9	95.
≥ 1000		2.4	85.8	91.4	92.5	92.7	94.5	95.2	95.4	95.8	95.	95.9	96.0	96.0	96.0	96.2
≥ 900		2.7	86.2	91.9	93.[illegible]	93.1	95.[illegible]	95.8	95.9	96.3	96.4	96.5	96.5	96.6	96.6	96.7
≥ 800		2.9	86.4	92.2	93.3	93.5	95.4	96.2	96.4	96.7	96.8	96.9	96.9	97.	97.0	97.1
≥ 700		.1	86.6	2.6	93.7	93.9	95.9	96.7	96.9	97.3	97.4	97.4	97.4	97.5	97.5	97.7
≥ 600		3.1	86.6	92.6	93.8	94.0	96.1	96.9	97.1	97.5	97.6	97.6	97.7	97.7	97.8	97.9
≥ 500		3.1	86.7	92.8	94.1	94.3	96.5	97.4	97.6	98.0	98.1	98.2	98.2	98.3	98.3	98.4
≥ 400		3.1	86.7	92.8	94.2	94.4	96.6	97.6	97.8	98.2	98.4	98.5	98.5	98.6	98.6	98.7
≥ 300		3.1	86.7	92.8	94.2	94.4	96.7	97.8	98.1	98.6	98.8	98.9	99.[illegible]	99.1	99.2	99.3
≥ 200		3.1	86.7	92.8	94.2	94.4	96.8	97.9	98.2	98.8	99.	99.2	99.2	99.5	99.5	99.7
≥ 100		3.1	86.7	9[illegible].8	94.2	94.4	96.8	97.9	98.2	98.8	99.0	99.2	99.3	99.5	99.6	100.0
≥ 0		3.1	86.7	92.8	94.2	94.4	96.8	97.9	98.2	98.8	99.0	99.2	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

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

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible]K — STATION NAME
[illegible]4-8[illegible] — YEARS
A[illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-2.00 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥3 GE3	≥4 GE6	≥2 GE48	≥2 GE4	≥2 GE3	≥1½ GE24	≥1 GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥½ GE[illegible]	≥5/16 GE35	≥¼ GE24	≥0 GE[illegible]
NO CEILING	[illegible] .3	3[illegible].7	45.3	4[illegible].5	46.6	49.7	[illegible]1.1	51.1	51.7	52.	52.2	52.3	52.5	52.9	[illegible]3.3
≥ 20000	[illegible] .9	41.5	47.6	48.8	48.9	52.6	54.	54.	54.6	54.9	55.1	55.2	55.4	55.8	56.3
≥ 18000	[illegible] .9	[illegible]1.5	47.6	48.8	48.9	52.6	[illegible]4.0	54.0	54.6	54.9	55.1	55.2	55.4	55.8	56.3
≥ 16000	[illegible] .9	41.5	47.6	48.8	48.9	[illegible]2.9	54.0	54.0	54.6	54.9	55.1	55.2	55.4	55.8	56.3
≥ 14000	[illegible] .9	41.5	47.6	48.8	48.9	52.9	[illegible]4.3	54.3	[illegible].9	55.3	55.4	55.5	55.7	56.1	56.7
≥ 12000	[illegible] .0	41.6	47.7	48.9	49.	53.7	54.4	54.4	55.1	55.4	55.5	55.6	55.8	[illegible].2	56.8
≥ 10000	[illegible] .3	42.4	48.7	51.7	[illegible]0.1	54.1	55.5	55.5	56.2	56.6	56.7	56.8	57.	57.4	58.[illegible]
≥ 9000	[illegible].5	43.4	49.9	51.1	[illegible]1.2	55.2	56.6	56.6	57.3	57.6	57.7	57.8	58.1	58.5	59.
≥ 8000	43.[illegible]	46.[illegible]	53.5	54.[illegible]	55.1	59.2	[illegible]0.6	60.6	61.5	61.3	62.0	62.2	[illegible]2.4	62.8	63.3
≥ 7000	4.5	47.5	54.4	55.8	55.9	6[illegible].1	61.5	61.5	6[illegible].4	62.7	62.9	63.0	63.2	63.7	64.2
≥ 6000	74.[illegible]	47.6	54.5	55.9	56.	6[illegible].2	61.6	61.6	62.5	62.8	63.	63.1	63.[illegible]	63.9	64.3
≥ 5000	4[illegible].6	4[illegible].9	56.8	58.2	58.3	62.9	64.	64.	64.8	65.2	65.4	65.5	65.7	66.1	66.7
≥ 4500	[illegible].0	53.4	[illegible]3.3	61.8	61.9	66.1	67.6	67.6	68.5	69.8	69.[illegible]	69.1	69.4	69.8	7[illegible].3
≥ 4000	5[illegible].6	61.3	69.1	7[illegible].9	71.0	7[illegible].6	77.1	77.1	78.1	78.4	78.6	78.7	78.9	79.4	79.9
≥ 3500	[illegible].1	63.[illegible]	71.7	73.5	73.7	78.3	79.8	79.8	80.8	81.1	[illegible]1.3	81.4	81.6	82.0	82.6
≥ 3000	[illegible].7	6[illegible].6	74.	75.9	76.	8[illegible].6	[illegible]3.3	32.4	83.3	83.7	83.9	84.[illegible]	8[illegible].2	84.6	85.2
≥ 2500	3.2	67.1	75.8	77.8	78.[illegible]	82.6	[illegible]4.2	84.3	85.3	85.6	85.8	85.9	86.1	86.6	87.1
≥ 2000	5.6	6[illegible].5	7[illegible].5	80.5	80.6	85.9	[illegible]7.1	87.2	88.2	88.5	88.7	88.8	89.[illegible]	89.5	9[illegible].0
≥ 1800	[illegible]5.[illegible]	69.8	78.8	8[illegible].9	91.0	8[illegible].0	97.7	87.8	88.8	89.1	89.4	89.5	89.7	9[illegible].1	9[illegible].6
≥ 1500	6.[illegible]	7[illegible].2	79.2	81.4	[illegible]1.5	86.6	98.3	88.4	89.[illegible]	89.7	89.9	90.0	90.2	90.6	91.2
≥ 1200	6[illegible].1	71.3	8[illegible].9	83.1	[illegible]3.2	88.4	9[illegible].1	9[illegible].2	91.2	91.5	91.7	91.8	92.0	92.5	[illegible]3.[illegible]
≥ 1000	6[illegible].1	71.4	81.0	83.3	93.4	88.8	9[illegible].9	91.	91.9	92.3	92.5	92.6	92.8	93.2	93.8
≥ 900	5[illegible].1	71.4	81.0	83.3	93.4	89.2	91.3	91.5	92.5	92.8	93.	93.1	93.3	93.8	94.3
≥ 800	6[illegible].3	71.6	81.2	8[illegible].9	94.0	8[illegible].8	91.9	92.2	93.1	93.4	93.7	93.8	94.	94.4	95.1
≥ 700	6[illegible].5	71.8	81.4	84.1	94.2	9[illegible].3	92.5	92.8	93.[illegible]	94.1	94.3	94.4	94.6	95.1	95.7
≥ 600	6[illegible].5	71.8	81.9	84.7	94.8	91.3	93.4	93.9	94.8	95.2	95.4	95.5	95.7	96.1	96.8
≥ 500	6[illegible].7	72.1	82.2	85.1	95.2	91.6	93.9	94.3	95.3	95.6	95.8	95.9	96.1	96.6	97.[illegible]
≥ 400	6[illegible].7	72.0	82.2	85.1	95.2	91.8	94.1	94.5	95.5	95.8	96.	96.1	96.6	97.	97.6
≥ 300	6[illegible].7	72.	82.5	85.[illegible]	95.5	92.5	94.8	95.4	96.6	96.9	97.1	97.2	97.6	98.1	98.7
≥ 200	6[illegible].7	72.	82.5	85.4	95.5	92.5	94.9	95.5	96.7	97.0	97.2	97.3	97.8	98.7	99.4
≥ 100	6[illegible].7	72.	82.5	85.4	95.5	92.5	94.9	95.5	96.7	97.	97.2	97.3	98.0	99.0	100.0
≥ 0	6[illegible].7	72.0	82.5	85.4	95.5	92.5	94.9	95.5	96.7	97.	97.2	97.3	98.	99.0	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVIC /MAC

CEILING VERSUS VISIBILITY

75771 (STATION) ILDENHALL RAF K (STATION NAME) 4-87 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		24.	27.0	31.7	33.3	33.8	37.8	4 .4	41.	41.9	42.5	42.9	42.9	43.1	44.	45.8
≥ 20000		2 .5	28.9	34.0	35.7	36.2	40.6	43.3	44.	45.1	45.6	46.	46.0	46.2	47.6	49.
≥ 18000		2 .5	28.9	34.0	35.7	36.2	40.6	43.3	44.	45.1	45.6	46.	46.0	46.2	47.6	49.
≥ 6000		2 .5	28.9	34.	35.7	36.2	40.6	43.3	44.0	45.1	45.6	46.0	46.0	46.2	47.6	49.
≥ 14000		2 .5	29.9	34.	35.7	36.2	4 .8	43.4	44.	45.2	45.7	46.1	46.1	46.3	47.7	49.1
≥ 12000		2 .6	29.	34.1	35.8	36.3	4 .9	43.5	44.2	45.3	45.8	46.2	46.2	46.5	47.8	49.2
≥ 10000		2 .7	30.2	35.7	37.4	38.0	42.9	45.5	46.1	47.2	47.7	48.2	48.3	48.5	5 .0	51.4
≥ 9000		3 .2	30.	36.1	37.8	38.4	42.9	45.9	46.6	47.7	48.3	48.7	48.8	49.	50.5	51.9
≥ 8000		3 .	33.2	39.1	41.	41.9	46.2	49.2	49.9	51.1	51.7	52.4	52.5	52.7	54.2	55.7
≥ 7000		1.4	34.	39.9	41.7	42.4	47.1	5 .2	50.9	52.0	52.8	53.4	53.7	53.9	55.4	56.9
≥ 6000		1.4	34.1	39.9	41.7	42.4	47.1	5 .2	50.9	52.0	52.8	53.4	53.7	53.9	55.4	56.9
≥ 5000		31.1	34.5	40.5	42.6	43.2	48.0	51.1	51.7	52.9	53.7	54.3	54.5	54.7	56.2	57.7
≥ 4500		3 .	38.2	44.2	46.3	47.1	51.9	55.5	56.1	57.4	58.2	58.8	59.0	59.2	60.8	62.3
≥ 4000		42.	46.3	53.2	55.6	56.	61.6	65.3	65.9	67.5	68.3	68.9	69.1	69.4	7 .9	72.4
≥ 3500		4 .2	49.3	56.8	59.2	6 .1	65.5	69.1	69.8	71.	72.2	72.8	73.0	73.2	74.7	76.2
≥ 3000		4 .0	50.5	58.5	61.1	61.9	67.5	71.3	71.9	73.5	74.3	74.9	75.2	75.4	76.9	78.4
≥ 2500		4 .7	51.3	59.5	62.2	63.0	68.7	72.5	73.1	74.7	75.5	76.1	76.3	76.6	78.1	79.6
≥ 2000		4 .9	53.	62.0	64.8	65.7	71.9	75.7	76.3	7 .0	78.7	79.4	79.6	79.8	81.3	82.8
≥ 1800		.0	53.1	62.2	64.9	65.8	72.0	75.9	76.6	78.2	78.9	79.6	79.8	80.0	81.5	83.0
≥ 1500		51.	55.9	64.7	68.	68.9	75.4	79.5	8 .1	81.7	82.5	83.1	83.3	83.5	85.1	86.6
≥ 1200		52.	57.	65.9	69.1	7 .1	76.6	8 .8	81.4	83.	83.8	84.4	84.6	84.8	86.3	87.8
≥ 1000		3.0	57.1	66.3	69.7	70.6	77.1	81.3	82.	83.7	84.4	85.1	85.3	85.5	87.	88.5
≥ 900		3.1	57.2	66.5	69.9	70.9	77.5	81.8	82.6	84.2	84.9	85.6	85.8	86.	87.5	89.0
≥ 800		3.1	57.3	66.8	7 .2	71.2	78.4	82.7	83.4	85.1	85.8	86.5	86.7	86.9	88.4	90.2
≥ 700		3.1	57.3	66.8	7 .2	71.2	78.7	83.2	84.	85.7	86.5	87.1	87.3	87.5	89.0	90.9
≥ 600		3.2	57.4	66.9	7 .3	71.3	79.1	83.9	84.7	86.3	87.1	87.7	88.0	88.2	89.7	91.5
≥ 500		3.4	57.9	67.4	71.6	72.6	8 .4	85.3	86.1	87.7	88.5	89.1	89.4	89.6	91.1	92.9
≥ 400		3.4	5 .8	67.7	71.9	72.9	81.4	86.5	87.4	89.1	89.9	9 .5	90.8	91.0	92.5	94.3
≥ 300		3.4	57.8	67.7	72.0	73.0	81.9	86.9	88.0	89.8	90.5	91.2	91.4	91.6	93.2	95.2
≥ 200		3.4	57.8	67.7	72.	73.0	81.9	87.1	88.	90.4	91.2	91.8	92.2	92.5	94.6	97.1
≥ 100		3.4	57.8	67.7	72.	73.0	81.9	87.1	88.2	9 .5	91.4	92.0	92.4	93.0	95.9	99.7
≥ 0		3.4	57.8	67.7	72.0	73.0	81.9	87.1	88.2	9 .5	91.4	92.0	92.4	93.2	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRANCH
U FETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35 7 | ILDENHALL RAF K | 4-83 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
		GE9	GE9	GE6	GE48	GE4	GE32	GE24	GE2	GE16	GE1	GE10	GE08	GE05	GE04	GE00
NO CEILING		20.	22.3	23.4	3 .4	3 .8	32.6	34.4	34.9	35.9	36.6	36.6	36.9	37.	37.3	38.2
≥ 20000		23.	25.3	32.3	35.1	35.4	37.7	39.7	4 .3	41.3	41.9	42.	42.4	42.7	42.9	43.9
≥ 18000		23.	2 .4	32.9	35.1	35.4	37.7	39.7	40.3	41.3	41.9	42.	42.4	42.7	42.9	43.9
≥ 16000		23.	25.9	32.9	35.2	35.5	37.8	3 .8	40.4	41.4	42.0	42.2	42.5	42.8	43.0	44.0
≥ 14000		23.	25.9	33.	35.3	35.6	38.	39.9	4 .5	41.5	42.2	42.3	42.6	42.9	43.1	44.1
≥ 12000		2 .	26.1	33.2	35.5	35.8	38.2	4 .1	4 .8	41.7	42.4	42.5	42.8	4 .1	43.3	44.3
≥ 10000		25.	28.2	35.3	37.7	38.3	40.6	42.9	43.5	44.7	45.4	45.5	45.8	46.1	46.5	47.4
≥ 9000		2 .6	28.9	3 .5	39.0	39.6	42.0	44.4	45.1	46.2	46.9	47.0	47.3	47.6	48.0	48.9
≥ 8000		.2	31.6	39.7	4 .4	4 .9	45.5	48.0	48.8	50.3	51.0	51.1	51.4	51.7	52.2	53.1
≥ 7000		.1	32.3	4 .5	43.3	43.9	46.5	48.9	49.8	51.3	2.0	52.2	52.6	52.9	53.3	54.3
≥ 6000		0.1	32.5	4 .5	43.3	43.9	46.6	49.	49.9	51.4	52.2	52.3	52.7	5 .0	53.4	54.4
≥ 5000		31.4	33.	42.2	45.2	45.7	48.6	51.2	52.	53.5	54.3	54.4	54.8	55.2	55.6	56.6
≥ 4500		3 .	36.	45.4	48.4	48.9	52.0	54.8	55.7	57.2	58.	58.1	58.5	58.8	59.2	6 .2
≥ 4000		0.3	45.2	54.5	57.7	58.	61.6	64.4	65.3	67.2	68.0	69.2	68.6	68.9	69.5	7 .4
≥ 3500		44.	47.8	58.	61.2	61.7	65.2	68.1	68.9	70.9	71.	71.8	72.3	72.6	73.1	74.1
≥ 3000		4 .0	49.9	6 .4	63.8	64.3	67.8	7 .9	71.8	73.9	74.6	74.8	75.3	75.6	76.1	77.1
≥ 2500		4 .4	51.3	61.9	65.3	65.8	69.4	72.4	73.3	75.4	76.1	76.3	76.8	77.1	77.6	78.6
≥ 2000		.4	53.	64.8	68.3	68.8	72.7	75.7	76.7	78.7	79.5	79.7	8 .1	80.4	81.0	81.9
≥ 1800		.6	53.8	65.2	68.6	69.1	73.0	76.0	77.0	79.0	79.8	80.0	80.4	80.8	81.3	82.3
≥ 1500		52.7	55.9	68.	71.5	72.	76.	79.	8 .0	82.0	82.8	83.0	83.4	83.8	84.3	85.3
≥ 1200		4.3	57.3	69.5	73.1	73.7	77.8	91.2	82.2	84.2	84.9	85.2	85.6	86.0	8 .7	87.6
≥ 1000		4.1	57.4	70.3	74.1	74.7	79.	82.5	83.5	85.6	86.3	86.6	87.	87.4	88.1	89.
≥ 900		4.5	5 .1	71.3	75.2	75.8	80.1	83.7	84.7	86.8	87.5	87.7	88.2	88.6	89.2	9 .2
≥ 800		54.7	58.4	71.7	75.6	76.2	80.6	84.3	85.4	87.5	88.3	88.5	88.9	89.4	9 .0	91.1
≥ 700		54.	58.6	72.3	76.3	77.	81.6	85.4	86.6	88.	89.5	89.7	90.1	90.5	91.2	92.3
≥ 600		54.0	58.9	72.7	77.	77.6	82.4	86.3	87.7	89.9	9 .6	9 .9	91.3	91.7	92.4	93.4
≥ 500		54.	59.1	72.9	77.4	78.1	83.	87.3	88.7	91.	91.7	91.9	92.4	93.	93.7	94.7
≥ 400		5 .	59.1	73.0	77.5	78.2	83.2	87.8	89.4	91.9	92.7	93.1	93.5	94.2	94.9	96.
≥ 300		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.5	93.2	93.9	94.4	95.1	95.8	96.9
≥ 200		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.8	93.5	94.3	94.8	95.5	96.3	98.4
≥ 100		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.8	93.5	94.5	95.2	96.0	97.0	99.8
≥ 0		54.	59.1	73.0	77.6	78.3	83.3	88.3	89.8	92.8	93.5	94.5	95.2	96.	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15171	[illegible]ILDENHALL RAF [illegible]K	4-8[illegible]	[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 000-100

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		31.4	31.[illegible]	34.7	35.1	35.2	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000		3[illegible].1	36.8	40.3	40.9	41.0	41.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000		3[illegible]	36.9	40.4	41.0	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000		3[illegible].2	36.9	4[illegible].4	41.[illegible]	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000		3[illegible].2	36.[illegible]	4[illegible].4	41.0	41.1	41.3	41.8	41.8	41.8	41.[illegible]	41.8	41.8	41.8	41.8	41.8
≥ 12000		3[illegible].5	37.1	4[illegible].8	41.3	41.4	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		3[illegible].2	39.8	42.7	43.2	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000		3[illegible].8	40.5	44.5	45.2	45.3	45.5	46.0	46.0	46.0	46.[illegible]	46.0	46.0	46.0	46.0	46.0
≥ 8000		2.4	43.2	47.3	48.[illegible]	48.1	48.3	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000		43.[illegible]	44.5	48.6	49.2	49.4	49.6	5[illegible].2	50.[illegible]	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000		4[illegible].1	44.[illegible]	49.[illegible]	49.7	49.9	5[illegible].0	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000		4[illegible].0	47.7	51.3	51.9	52.0	52.3	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 4500		4[illegible].1	50.1	54.5	55.3	55.4	55.6	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		5[illegible]	57.1	62.[illegible]	63.0	63.1	63.7	64.3	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6
≥ 3500		1.3	62.4	67.3	69.4	68.5	69.[illegible]	69.7	69.7	69.9	69.[illegible]	70.0	70.0	70.0	70.0	70.0
≥ 3000		6[illegible].7	7[illegible].0	75.5	76.6	76.7	77.2	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2
≥ 2500		2.2	73.4	79.2	80.4	80.5	81.1	81.7	81.7	81.9	81.9	82.[illegible]	82.0	82.0	82.0	82.0
≥ 2000		.8	77.4	83.3	84.5	84.6	85.2	85.8	85.8	86.[illegible]	86.[illegible]	86.1	86.1	86.1	86.1	86.1
≥ 1800		6.2	77.8	83.8	84.9	85.1	85.6	86.2	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 1500		7[illegible].2	81.3	88.[illegible]	89.2	89.4	9[illegible].1	91.[illegible]	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 1200		[illegible].6	82.9	9[illegible].0	91.5	91.7	92.7	94.[illegible]	94.[illegible]	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1000		[illegible]1.1	83.3	91.1	92.7	93.[illegible]	94.0	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 900		[illegible]1.3	83.5	91.3	92.9	93.2	94.2	95.6	95.7	95.9	95.9	96.[illegible]	96.0	96.[illegible]	96.0	96.0
≥ 800		[illegible]1.7	84.[illegible]	91.7	93.4	93.8	94.9	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 700		[illegible]1.8	84.1	92.[illegible]	94.0	94.4	95.6	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 600		[illegible]1.8	84.1	92.[illegible]	94.1	94.5	96.[illegible]	97.4	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 500		1.8	84.1	92.0	94.1	94.5	96.3	98.1	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8
≥ 400		1.[illegible]	84.1	92.0	94.1	94.5	96.5	98.4	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2
≥ 300		1.8	84.1	92.0	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 200		[illegible]1.8	84.1	92.[illegible]	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 100		[illegible]1.8	84.1	92.[illegible]	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 0		[illegible]1.8	84.1	92.0	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	1[illegible]0.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 935

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25271	MILDENHALL RAF UK	74-83	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥9 GE9	≥5 GE3	≥4 GE6	≥3 GE48	≥2 GE4	≥1½ GE27	≥1¼ GE24	≥1 GE2	≥¾ GE16	≥½ GE12	≥⅜ GE10	≥¼ GE08	≥3/16 GE05	≥⅛ GE04	≥0 GE00
NO CEILING		31.2	31.7	32.7	33.	33.	33.0	33.0	33.	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 20000		38.1	38.6	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000		38.5	39.1	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000		38.5	39.	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000		38.5	39.	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000		38.8	39.4	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 10000		38.8	40.4	41.7	42.0	42.0	42.	42.0	42.	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000		41.1	41.7	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000		44.1	44.7	46.5	46.9	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 7000		44.	45.4	47.1	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 6000		44.3	45.9	47.6	48.	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000		44.4	48.1	49.8	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4500		53.5	54.2	55.9	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		62.7	63.3	65.2	65.5	65.6	66.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3500		71.7	72.6	74.5	74.8	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		77.2	80.5	82.7	83.	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500		83.9	85.3	87.8	88.2	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		86.	87.7	90.4	90.8	90.9	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800		86.1	87.8	91.6	91.7	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500		87.2	88.9	92.5	92.9	93.	93.2	94.3	94.3	94.7	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200		88.6	90.8	94.9	95.7	95.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		89.6	91.7	95.9	96.7	96.9	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		89.8	91.9	96.1	96.9	97.1	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		89.8	91.9	96.1	97.1	97.3	98.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		89.8	91.9	96.1	97.2	97.4	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		89.8	91.9	96.1	97.2	97.4	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		89.9	92.0	96.2	97.4	97.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		89.9	92.0	96.2	97.4	97.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.9	92.0	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 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

75771 (STATION) ILDENHALL RAF UK (STATION NAME) 4-82 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 0-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE48)	≥2½ (GE4)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE2)	≥1 (GE16)	≥¾ (GE1)	≥⅝ (GE10)	≥½ (GE08)	≥5/16 (GE05)	≥¼ (GE04)	≥0 (GE0)
NO CEILING		32.7	32.6	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000		40.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000		40.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000		.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000		.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000		1.0	41.3	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		45.	46.2	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000		4 .5	46.9	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.	48.0	48.0	48.0	48.0	48.0
≥ 8000		4 .4	49.8	51.	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000		5 .	51.3	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 6000		1.6	52.	53.2	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000		5 .2	56.7	57.8	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500		4.1	61.9	65.	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4000		4.1	74.7	76.5	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500		7 .5	8 .1	82.2	82.4	82.4	82.8	82.9	82.9	8 .9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000		4.2	85.2	87.4	87.6	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		7.5	88.6	91.3	91.6	91.6	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		8 .	92.3	93.1	93.4	93.4	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800		8 .	92.7	93.1	93.4	93.7	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		8 .6	91.	94.6	95.1	95.1	95.7	96.1	96.3	96.6	96.	96.6	96.6	96.6	96.6	96.6
≥ 1200		10.2	91.6	95.5	95.9	95.9	96.6	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		10.5	92.2	96.1	96.7	96.7	97.5	98.	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		.6	92.3	96.3	96.9	96.9	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		.9	92.5	96.6	97.1	97.2	98.2	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		11.	92.6	96.8	97.3	97.4	98.6	99.	99.2	99.6	99.6	9 .6	99.6	99.6	99.6	99.6
≥ 600		11.0	92.6	96.9	97.5	97.6	98.8	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		11.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		11.	92.7	97.1	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		11.	92.7	97.1	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		11.0	92.7	97.	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		11.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15 7	ILDENHALL RAF K	4-83	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		3 .6	38.2	39.8	4 .2	4 .2	4 .2	4 .2	4 .2	4 .2	4 .2	4 .2	4 .2	4 .2	40.2	40.2
≥ 20000		4.2	44.8	47.0	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000		4.2	44.8	47.0	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000		4.2	44.8	47.	47.5	47.5	47.	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000		4.2	44.8	47.	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000		44.3	45.3	47.4	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000		4 .1	49.8	52.0	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000		.1	51.0	53.2	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000		4.1	55.1	57.7	58.4	8.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000		55.7	56.8	59.5	6 .1	61.1	61.5	61.9	61.3	61.1	61.1	61.1	61.1	61.1	61.1	51.1
≥ 6000		5 .3	57.1	59.8	6 .4	61.4	61.9	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 5000		0.3	61.5	64.3	65.1	65.1	65.5	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500		.5	65.9	68.8	69.7	69.7	70.2	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000		3.5	75.4	78.8	79.8	79.8	80.3	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500		7 .6	8 .5	84.5	85.5	85.5	86.1	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000		1.2	83.1	87.2	88.2	88.2	88.9	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		2.7	84.7	89.2	90.2	90.2	91.	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	9 .9
≥ 2000		4.0	86.0	90.8	91.7	91.7	92.5	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		4.3	86.3	9 .1	92.0	92.0	92.9	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		4.8	87.	92.2	93.1	93.1	94.	95.	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		5.9	88.1	93.7	94.7	94.7	95.6	96.7	97.	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		6.5	88.7	94.4	95.5	95.5	96.3	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		6.3	85.3	94.6	95.7	95.7	96.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		6.6	88.8	94.6	95.9	95.9	96.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		6.7	89.	94.9	96.2	96.2	97.3	98.6	99.1	99.	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		6.7	89.0	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		6.7	89.0	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		6.7	89.0	95.1	96.3	96.3	97.5	98.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

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

GL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75-7 (STATION) ILDENHALL RAF K (STATION NAME) 4-67 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9.7)	≥5 (GE8.1)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE0.0)
NO CEILING	4.3	46.5	51.	51.7	51.7	52.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	4.3	48.7	54.3	55.3	55.3	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	4.	48.7	54.3	55.3	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	4.3	48.7	54.3	55.3	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	4.3	49.7	54.3	55.4	55.4	56.2	56.5	56.6	56.6	56.	56.6	56.6	56.6	56.6	56.6
≥ 12000	4.7	49.0	54.6	55.7	55.7	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	4.3	50.6	56.2	57.3	57.3	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	4.1	51.9	57.4	58.5	58.5	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000	2.6	55.7	61.9	63.2	63.3	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	3.1	56.2	62.5	63.8	63.8	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	3.5	56.7	62.9	64.2	64.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	5.7	57.9	66.1	67.5	67.5	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 4500	6.9	63.9	0.5	71.9	71.9	73.0	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.
≥ 4000	6.7	71.9	78.9	8 .4	80.	81.5	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 3500	.8	75.1	82.4	83.9	83.9	84.9	85.3	85.6	85.7	85.	85.7	85.7	85.7	85.7	85.9
≥ 3000	3.3	77.6	85.2	86.7	86.7	87.8	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 2500	4.6	79.7	86.9	88.7	88.7	89.9	9 .3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 2000	6.	81.2	89.5	91.3	91.3	92.8	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.1
≥ 1800	6.5	81.3	89.7	91.5	9 .5	93.0	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.3
≥ 1500	7.3	82.2	9 .6	92.5	92.5	94.	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.5
≥ 1200	7.6	82.6	91.3	93.1	93.1	94.6	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1
≥ 1000	7.8	82.9	91.7	93.5	93.5	95.1	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
≥ 900	7.8	82.8	91.7	93.5	93.5	95.2	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7
≥ 800	7.3	83.2	92.2	94.3	94.3	96.1	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 700	7.4	83.4	93.	95.2	95.2	97.	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 600	7.4	83.4	93.3	95.5	95.5	97.4	98.6	98.9	99.	99.	99.0	99.0	99.0	99.0	99.2
≥ 500	7.4	83.4	93.3	95.5	95.5	97.4	98.6	98.9	99.	99.	99.	99.0	99.	99.	99.2
≥ 400	7.4	83.4	93.3	95.5	95.5	97.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 300	7.4	83.4	93.3	95.5	95.5	97.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 200	7.4	83.4	93.3	95.5	95.5	97.5	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 100	7.5	83.5	93.5	95.7	95.7	97.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	7.5	83.5	93.5	95.7	95.7	97.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 335

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

CL TAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35 7 | ILDENHALL RAF K | 4-8 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (IN HUNDREDS OF METERS)															
	≥10 SLO	≥4 GE9	≥3 GE31	≥2½ GE40	≥2 GE43	≥1½ GE40	≥1 GE32	≥¾ GE24	≥½ GE27	≥¼ GE16	≥0 GE12	≥0 GE8	≥0 GE8	≥0 GE8	≥0 GE8	≥0 GE8
NO CEILING		32.7	33.7	37.1	37.9	38.0	39.3	40.1	40.3	40.6	40.8	40.9	40.9	41.0	41.3	41.6
≥ 20000		3 .7	38.2	42.1	43.1	43.2	44.7	45.5	45.7	46.0	46.2	46.3	46.4	46.5	46.7	47.1
≥ 18000		36.	38.3	42.2	43.1	43.3	44.8	45.6	45.8	46.1	46.3	46.4	46.4	46.5	46.8	47.2
≥ 16000		36.	38.3	42.2	43.1	43.3	44.8	45.6	45.8	46.1	46.3	46.4	46.5	46.5	46.8	47.2
≥ 14000		36.	38.3	42.2	43.2	43.3	44.9	45.7	45.9	46.2	46.4	46.5	46.5	46.6	46.9	47.2
≥ 12000		3 .1	38.6	42.5	43.5	43.6	45.2	46.0	46.2	46.5	46.7	46.8	46.9	46.9	47.2	47.6
≥ 10000		.3	4 .2	44.9	45.9	46.1	47.6	48.6	48.7	49.1	49.3	49.4	49.4	49.5	49.8	50.2
≥ 9000		0.2	41.2	46.1	47.1	47.2	48.8	49.8	49.9	5 .3	50.5	50.6	5 .7	50.8	51.0	51.4
≥ 8000		3.3	45.3	49.6	50.7	50.9	52.5	53.6	53.8	54.2	54.4	54.6	54.6	54.7	55.	55.4
≥ 7000		4.	46.0	50.6	51.7	51.9	53.6	54.6	54.9	55.3	55.6	55.7	55.8	55.9	56.2	56.5
≥ 6000		4.3	46.3	5 .9	52.1	52.2	53.9	55.0	55.2	55.7	55.9	56.0	56.1	56.2	56.5	56.9
≥ 5000		4 .	48.9	53.6	54.8	55.	56.7	57.8	58.	58.5	8.8	58.9	59.0	59.1	59.4	59.8
≥ 4500		1.4	53.3	58.2	59.4	59.6	61.4	62.6	62.9	63.4	63.6	63.7	63.8	63.9	64.2	64.6
≥ 4000		5 .6	61.9	67.3	68.7	68.9	70.9	72.1	72.4	73.	73.2	73.4	73.5	73.6	73.9	74.3
≥ 3500		4.1	66.5	2.2	73.6	73.8	75.8	77.1	77.4	78.0	78.2	78.4	78.5	78.5	78.9	79.3
≥ 3000		6 .8	7 .3	76.4	77.8	78.1	80.2	1.5	81.7	82.4	82.6	82.8	82.8	82.9	83.3	83.7
≥ 2500		.1	72.6	79.	81.6	82.8	83.9	84.2	84.5	85.1	85.4	85.5	85.6	85.7	86.0	86.4
≥ 2000		2.2	74.9	81.6	83.2	83.4	85.7	87.1	87.4	88.1	88.3	88.4	88.5	88.6	83.9	89.3
≥ 1800		3.3	75.1	81.8	83.4	83.6	86.	87.4	87.7	88.4	88.6	88.8	88.8	88.9	89.2	89.7
≥ 1500		3.	76.5	83.7	85.5	85.7	88.1	89.8	90.1	90.8	91.	91.1	91.2	91.3	91.6	92.
≥ 1200		4.6	77.7	85.	87.0	87.3	89.8	91.6	91.9	92.6	92.8	92.9	93.	93.1	93.5	93.9
≥ 1000		5.	78.1	85.9	87.8	88.1	9 .6	92.5	92.8	93.5	93.7	93.9	94.0	94.1	94.4	94.8
≥ 900		5.1	78.3	86.1	88.	88.3	91.7	92.9	93.3	93.9	94.2	94.3	9 .4	94.5	94.8	95.2
≥ 800		5.3	78.5	86.4	88.4	88.7	91.6	93.5	93.9	94.6	94.8	95.	95.1	95.2	95.5	96.
≥ 700		.4	78.6	86.7	88.8	89.1	92.2	94.2	94.6	95.3	95.6	95.7	95.8	95.9	96.2	96.7
≥ 600		5.4	78.7	86.9	89.1	89.4	92.6	94.6	95.1	95.9	96.1	96.2	96.3	96.4	96.8	97.2
≥ 500		5.5	78.8	87.	89.4	89.7	93.	95.1	95.6	96.3	96.6	96.7	96.8	97.0	97.3	97.8
≥ 400		5.5	78.8	87.1	89.4	89.7	93.2	95.4	96.	96.8	97.	97.2	97.3	97.5	97.8	98.3
≥ 300		5.5	78.8	87.1	89.5	89.8	93.3	95.7	96.2	97.1	97.4	97.6	97.7	97.9	98.2	98.7
≥ 200		5.5	78.8	87.1	89.5	89.8	93.4	95.7	96.3	97.3	97.6	97.8	97.9	98.1	98.6	99.3
≥ 100		5.5	78.8	87.1	89.5	89.9	93.4	95.7	96.3	97.4	97.6	97.9	98.	98.3	99.	99.9
≥ 0		5.5	78.8	87.1	89.6	89.9	93.4	95.9	96.3	97.4	97.6	97.9	98.1	98.4	99.	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 7940

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5577	ILDENHALL RAF UK	4-87	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 000-2300

CEILING (FEET)	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		3 .0	38.6	44.9	46.3	46.8	43.9	49.4	49.8	5 .0	5 .0	5 .0	5 .3	5 .6	50.7
≥ 20000		4 .4	42.2	49.2	50.7	51.1	53.4	54.	54.3	54.7	54.7	54.7	55.	55.2	55.3	55.4
≥ 18000		4 .	42.3	49.3	5 .8	51.2	53.6	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 16000		4 .	42.3	49.3	5 .3	51.2	53.	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 14000		4 .	42.3	49.3	5 .8	51.2	53.6	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 12000		4 .	42.4	49.4	5 .9	51.3	53.7	54.2	54.6	54.9	54.9	54.9	55.2	55.4	55.6	55.7
≥ 10000		2.1	44.1	51.4	52.9	53.3	55.7	56.2	56.9	57.2	57.2	57.2	57.6	57.9	58.	58.
≥ 9000		4 .	44.9	52.2	53.9	54.3	57.1	57.9	58.6	59.0	59.	59.0	59.3	59.7	59.8	59.9
≥ 8000		4 .3	43.3	56.2	58.0	58.4	61.3	62.1	62.8	63.2	63.2	63.2	63.6	63.9	64.	64.1
≥ 7000		46.	43.9	56.8	58.8	59.2	62.1	62.9	63.6	6 .0	64.0	64.0	64.3	64.7	64.8	64.9
≥ 6000		4 .2	49.3	57.2	59.2	59.7	62.6	63.3	64.	64.4	64.4	64.4	64.8	65.1	5.2	65.3
≥ 5000		4 .0	51.1	59.3	61.3	61.8	64.7	65.4	66.1	66.6	66.6	66.6	66.9	67.2	67.3	67.4
≥ 4500		3.6	5 .7	64.7	66.8	67.2	70.1	70.9	71.6	72.0	72.	72.0	72.3	72.7	72.8	72.9
≥ 4000		5 .7	62.1	71.2	73.3	73.8	76.8	77.9	78.6	79.0	79.0	79.0	79.3	79.7	79.8	79.9
≥ 3500		2.6	65.3	74.8	76.9	77.3	8 .9	82.	82.7	83.1	83.1	83.1	83.4	83.8	83.9	84.
≥ 3000		5.1	68.7	78.	8 .1	80.6	84.1	85.2	85.9	86.3	86.3	86.3	86.7	87.0	87.1	87.2
≥ 2500		6 .1	70.0	80.3	82.4	82.9	86.4	87.6	88.2	88.7	88.7	88.7	89.	89.3	89.4	89.6
≥ 2000		6 .2	72.1	2.4	84.6	85.0	88.7	89.8	90.4	90.9	9 .9	90.9	91.2	91.6	91.7	91.8
≥ 1800		6 .2	72.1	82.4	84.6	85.0	88.7	8 .8	90.4	90.9	90.9	90.9	91.2	91.6	91.7	91.8
≥ 1500		7 .4	73.4	84.4	86.7	87.1	9 .9	92.6	93.	93.7	93.7	93.7	94.0	94.3	94.4	94.6
≥ 1200		0.7	73.7	84.8	87.4	87.9	92.	93.7	94.3	94.8	94.8	94.8	95.1	95.4	95.6	95.7
≥ 1000		7 .9	73.9	85.0	87.7	88.1	92.2	94.3	95.	95.4	95.4	95.4	95.8	96.1	96.2	96.3
≥ 900		7 .3	73.1	85.1	87.9	88.3	92.6	94.7	95.3	95.8	95.8	95.8	96.1	96.4	96.6	96.7
≥ 800		7 .9	73.9	85.	88.0	88.4	92.7	94.8	95.4	95.9	95.9	95.9	96.2	96.6	96.7	96.8
≥ 700		1.2	74.4	85.8	88.7	89.1	93.6	95.7	96.3	96.9	96.8	96.8	97.1	97.4	97.6	97.7
≥ 600		1.2	74.4	85.9	88.8	89.2	93.7	95.8	96.4	96.9	96.9	96.9	97.2	97.7	97.8	97.9
≥ 500		1.2	74.4	86.1	89.0	89.4	94.1	96.3	97.	97.7	97.7	97.7	98.	98.4	98.6	98.7
≥ 400		1.3	74.6	86.2	89.1	89.6	94.2	96.4	97.1	97.8	97.8	97.8	98.1	98.6	98.7	98.8
≥ 300		1.3	74.6	86.2	89.1	89.6	94.2	96.4	97.2	98.1	98.1	98.1	98.4	98.9	99.	99.1
≥ 200		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.2	98.7	99.1	99.2	99.3
≥ 100		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.2	98.7	99.1	99.2	99.8
≥ 0		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.3	98.8	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 970

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	STATION NAME	YEARS	MONTH
15[illegible]7	[illegible]ILDENHALL RAF [illegible]K	[illegible]4-8[illegible]	[illegible] P

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (5[illegible])	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4)	≥2½ (GE3)	≥2 (GE3)	≥1½ (GE2)	≥1¼ (GE2)	≥1 (GE16)	≥¾ (GE1)	≥½ (GE10)	≥[illegible] (GE[illegible])	≥[illegible] (GE[illegible])	≥[illegible] (GE[illegible])	≥0 (GE[illegible])
NO CEILING		[illegible].4	31.4	36.9	37.7	38.[illegible]	[illegible]	41.6	42.[illegible]	42.4	42.4	43.1	43.4	44.[illegible]	44.3	45.[illegible]
≥ 20000		[illegible]	35.0	41.0	41.9	42.3	45.2	46.2	46.9	47.3	47.3	48.[illegible]	48.3	49.[illegible]	49.2	49.9
≥ 18000		[illegible]	35.[illegible]	41.0	41.9	42.3	45.2	46.2	46.8	47.3	47.3	48.[illegible]	48.3	49.[illegible]	49.2	49.9
≥ 16000		[illegible]	35.[illegible]	41.0	41.9	[illegible]	45.2	46.2	46.8	47.3	47.3	48.0	48.3	49.0	49.2	49.9
≥ 14000		[illegible]	35.[illegible]	41.0	41.9	42.3	45.2	46.2	46.8	47.3	47.3	48.0	48.3	49.[illegible]	49.2	49.9
≥ 12000		[illegible].1	35.2	41.2	42.1	42.6	45.4	46.4	47.[illegible]	47.6	47.6	48.2	48.6	49.2	49.4	50.1
≥ 10000		[illegible]	36.0	42.3	43.2	43.7	46.7	47.8	48.4	49.[illegible]	49.0	49.7	50.0	50.7	50.9	51.6
≥ 9000		[illegible]	[illegible]6.1	42.4	43.4	43.9	47.4	48.6	49.2	49.9	49.9	[illegible].6	50.9	51.6	51.8	52.4
≥ 8000		[illegible]	39.1	45.9	47.7	47.4	[illegible]1.0	52.1	52.8	53.4	53.4	54.1	54.6	55.2	55.4	56.1
≥ 7000		[illegible].2	39.4	46.2	47.7	48.1	51.7	52.8	53.4	54.1	54.1	54.8	55.2	55.9	56.1	56.8
≥ 6000		[illegible].3	39.6	46.7	48.1	48.6	52.1	53.2	53.9	54.6	54.6	55.2	55.[illegible]	56.[illegible]	56.6	57.2
≥ 5000		[illegible].7	41.0	49.4	49.9	50.3	53.9	55.[illegible]	55.7	56.3	56.3	57.[illegible]	57.4	58.1	58.3	59.[illegible]
≥ 4500		[illegible]	46.9	55.1	56.8	57.2	61.2	62.6	63.2	63.9	63.9	64.6	65.[illegible]	65.7	65.9	66.6
≥ 4000		[illegible].2	52.[illegible]	61.6	63.3	63.9	67.9	69.4	70.1	70.8	70.8	71.4	71.9	72.6	72.8	73.4
≥ 3500		[illegible]2.	55.7	64.8	66.6	67.[illegible]	71.2	72.8	73.4	74.1	74.1	74.8	75.2	75.9	76.1	76.8
≥ 3000		[illegible].7	59.9	69.3	71.3	71.8	76.2	77.9	78.7	79.3	79.3	[illegible].0	[illegible].4	81.1	81.3	82.0
≥ 2500		[illegible].9	62.2	72.0	74.1	74.4	79.9	[illegible].6	81.[illegible]	82.[illegible]	82.[illegible]	82.7	83.1	83.9	84.1	84.8
≥ 2000		[illegible].2	64.7	[illegible].1	77.2	77.7	82.1	83.9	84.7	85.3	85.3	86.[illegible]	86.4	87.2	87.4	88.1
≥ 1800		[illegible]1.9	65.2	75.7	77.8	78.2	83.7	[illegible]4.4	85.2	85.9	85.9	86.6	87.0	87.8	88.[illegible]	88.7
≥ 1500		3.6	67.[illegible]	77.8	8[illegible].1	[illegible].6	85.1	86.9	87.9	88.8	88.8	89.4	89.9	90.7	90.9	91.6
≥ 1200		63.[illegible]	67.3	78.2	8[illegible].6	[illegible]1.[illegible]	85.9	87.7	88.6	89.6	89.6	9[illegible].2	9[illegible].7	91.4	91.[illegible]	92.3
≥ 1000		4.3	67.8	78.7	81.0	91.4	86.4	88.3	89.2	9[illegible].2	90.2	9[illegible].9	91.3	92.1	92.3	93.[illegible]
≥ 900		4.4	67.9	7[illegible].8	81.1	91.6	86.9	89.0	89.9	90.9	9[illegible].9	91.6	92.[illegible]	92.8	93.[illegible]	93.7
≥ 800		64.3	68.2	79.6	81.9	92.3	87.7	85.8	90.7	91.7	91.7	92.3	92.8	93.6	93.8	94.4
≥ 700		64.3	68.2	79.8	82.1	92.6	88.[illegible]	9[illegible].1	91.[illegible]	92.1	92.1	92.8	93.2	94.0	94.2	94.9
≥ 600		64.8	69.2	8[illegible].1	82.4	92.9	88.3	9[illegible].4	91.3	92.4	92.4	93.1	93.6	94.3	94.6	95.2
≥ 500		54.9	68.2	80.3	83.1	93.6	89.3	91.6	92.4	93.6	93.6	94.2	94.7	95.4	95.7	96.3
≥ 400		5.1	68.6	[illegible]0.8	83.6	94.0	89.9	92.1	93.0	94.2	94.2	94.9	95.3	96.1	96.3	97.[illegible]
≥ 300		5.1	68.6	8[illegible].8	83.7	94.1	90.0	[illegible]2.2	93.1	94.4	94.6	95.2	95.7	96.7	96.9	97.6
≥ 200		5.1	68.6	8[illegible].8	83.7	94.1	9[illegible].0	92.2	93.[illegible]	94.7	94.[illegible]	95.4	95.9	96.9	97.2	97.9
≥ 100		5.1	68.6	8[illegible].8	83.7	94.1	9[illegible].1	92.2	93.1	94.7	94.8	95.4	96.0	97.0	97.3	99.1
≥ 0		5.1	68.6	80.8	83.7	94.1	9[illegible].0	92.2	93.1	94.9	95.[illegible]	95.7	96.2	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]70

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE (MAC)

CEILING VERSUS VISIBILITY

15271 — STATION
ILDENHALL RAF UK — STATION NAME
4-8[illegible] — YEARS
[illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2800 — HOURS (L)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1 GE2	≥1 GE16	≥¾ GE1[illegible]	≥½ GE10	≥[illegible] GE08	≥5/16 GE05	≥[illegible] GE04	≥0 GE[illegible]
NO CEILING		[illegible] .1	25.4	29.0	3[illegible] .1	[illegible] .2	31.4	32.9	33.7	35.	35.4	35.6	35.8	35.9	35.9	35.6
≥ 20000		[illegible] .0	30.[illegible]	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.	44.[illegible]	44.9
≥ 18000		[illegible] .0	30.[illegible]	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.	44.[illegible]	44.9
≥ 16000		[illegible] .	30.3	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.[illegible]	44.[illegible]	44.9
≥ 14000		[illegible] .	30.[illegible]	36.2	37.3	37.4	38.8	4[illegible].3	41.3	4[illegible].8	43.2	43.4	43.8	44.0	44.0	44.9
≥ 12000		[illegible].1	31.	36.4	37.7	37.8	39.1	4[illegible].7	41.7	43.1	43.6	43.8	44.1	44.3	44.3	45.2
≥ 10000		1.0	33.0	38.4	39.9	40.0	41.4	43.[illegible]	44.2	45.9	46.3	46.6	46.9	47.1	47.1	48.1
≥ 9000		3 .	33.7	39.2	40.7	40.8	42.2	43.8	45.0	46.7	47.1	47.3	47.7	47.9	47.9	48.9
≥ 8000		3 .3	37.7	43.7	45.2	45.3	46.8	48.3	49.9	51.7	52.1	52.3	52.7	52.9	52.9	53.9
≥ 7000		35.	38.2	44.3	45.9	46.1	47.7	49.2	5 .8	5 .6	53.0	53.2	53.6	53.8	53.8	54.8
≥ 6000		35.	38.4	44.6	46.1	46.3	47.9	49.4	51.	52.8	53.2	53.4	53.8	54.0	54.0	55.0
≥ 5000		3 .0	39.9	46.1	47.7	47.9	49.4	51.	52.6	54.6	55.	55.3	55.7	55.9	55.9	56.9
≥ 4500		1.4	4.7	51.7	53.4	53.7	55.4	57.1	58.8	61.2	61.7	62.	62.3	62.6	62.6	63.6
≥ 4000		45.	49.3	56.9	59.1	59.6	61.9	63.8	65.7	68.1	68.6	68.9	69.2	69.4	69.4	7[illegible].4
≥ 3500		4 .1	52.	59.8	62.0	62.6	64.9	66.8	68.7	71.1	71.	71.9	72.2	72.4	72.4	73.4
≥ 3000		4 .9	53.9	62.2	64.6	65.1	67.6	69.4	71.4	73.9	74.3	74.7	75.[illegible]	75.3	75.3	76.3
≥ 2500		2.7	56.7	65.7	68.1	68.7	71.1	73.	75.[illegible]	77.4	77.9	78.2	78.6	78.9	78.9	79.9
≥ 2000		4.6	58.[illegible]	67.7	70.2	70.8	73.3	75.2	77.3	79.8	8 .2	8[illegible].6	8[illegible].9	81.2	81.2	82.2
≥ 800		54.[illegible]	59.	68.1	7 .9	71.3	73.9	75.8	77.9	80.3	80.8	81.1	81.4	81.9	81.8	82.8
≥ 1500		5 .7	61.1	7 .6	73.2	73.8	76.4	78.4	8 .8	83.3	83.[illegible]	84.3	84.7	85.0	85.0	86.0
≥ 1200		5 .4	62.9	72.7	75.7	76.3	79.	81.2	83.9	86.4	86.9	87.4	87.8	88.1	88.1	89.1
≥ 1000		5 .1	63.9	73.8	76.8	77.4	8 .3	82.7	85.4	88.1	88.7	89.2	89.6	89.9	89.9	9 .9
≥ 900		5 .	64.7	74.6	77.6	78.2	81.1	83.4	86.2	89.1	89.7	9 .2	90.6	90.9	90.9	91.9
≥ 800		5 .9	65.4	75.7	78.7	79.3	82.2	84.6	87.3	90.2	90.8	91.3	91.7	92.0	92.0	93.0
≥ 700		.1	65.7	76.1	79.1	79.8	82.9	85.4	88.2	9 .1	91.7	92.2	92.6	92.9	92.9	93.9
≥ 600		0.1	65.7	76.3	79.3	8 .0	83.1	85.7	88.4	91.4	92.	92.6	92.9	93.[illegible]	93.2	94.2
≥ 500		0.2	65.8	76.4	79.6	80.2	83.6	86.3	89.2	92.4	93.	93.7	94.0	94.3	94.3	95.3
≥ 400		0.2	6 .8	76.6	79.7	80.3	83.9	86.8	89.7	92.9	93.4	94.1	94.4	94.9	94.9	95.9
≥ 300		.2	65.8	76.6	79.7	80.3	84.2	87.1	90.0	93.6	94.1	94.8	95.1	95.7	95.7	96.7
≥ 200		.2	65.8	76.6	79.7	8 .3	84.2	87.1	9 .0	93.6	94.1	94.8	95.1	95.9	96.0	97.3
≥ 100		0.2	65.8	76.6	79.7	8 .3	84.2	87.1	9 .0	93.7	94.2	94.9	95.2	96.1	96.2	99.1
≥ 0		0.2	65.8	76.6	79.7	80.3	84.2	97.1	9 .0	93.7	94.2	94.9	95.2	96.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 970

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35 7[illegible]	ILDENHALL RAF K	[illegible]4-83	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-[illegible]

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥8 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	≥1 GE1.6	¾ GE1	½ GE0.8	≥3/8 GE0.6	≥3/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		[illegible].8	30.[illegible]	33.	33.3	33.6	34.	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3
≥ 20000		[illegible].0	41.1	44.3	44.8	45.0	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 18000		[illegible].2	41.3	44.6	45.0	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 16000		.2	41.3	44.6	45.	45.2	45.[illegible]	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 14000		.2	41.3	44.6	45.	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 12000		[illegible].2	41.4	44.7	45.2	45.4	46.	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
≥ 10000		[illegible].0	43.4	46.8	47.3	47.6	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.[illegible]
≥ 9000		4[illegible].1	44.4	47.9	48.6	48.8	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 8000		4[illegible].2	4[illegible].8	52.4	53.1	53.3	5[illegible].2	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.[illegible]	55.1
≥ 7000		4[illegible].5	5[illegible].1	53.8	54.4	54.7	55.6	56.	56.3	56.3	56.3	5[illegible].3	56.3	56.3	56.3	56.4
≥ 6000		4[illegible].8	5[illegible].3	54.	54.7	54.9	55.8	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 5000		5[illegible].1	52.3	56.1	56.3	57.[illegible]	57.9	58.4	58.8	58.8	58.8	58.8	58.8	58.9	58.8	58.9
≥ 4500		4[illegible].1	5[illegible].9	60.2	61.0	61.2	62.1	62.7	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3
≥ 4000		5[illegible].6	61.2	65.8	66.9	67.1	68.1	6[illegible].8	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥ 3500		3.6	65.9	7[illegible].2	71.4	71.7	72.7	73.3	73.8	7[illegible].9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 3000		6[illegible].7	69.7	74.7	76.	76.2	77.2	78.	78.4	78.6	78.6	78.6	78.7	78.7	78.[illegible]	78.8
≥ 2500		1.3	73.4	78.9	8[illegible].2	80.4	81.4	82.2	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.[illegible]
≥ 2000		3.6	75.	81.3	82.7	82.9	83.9	84.9	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1800		4.6	76.7	82.3	83.7	83.9	84.9	85.9	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 1600		6.	78.2	84.2	85.7	86.	87.[illegible]	88.1	88.6	88.9	88.9	88.9	89.0	89.0	89.[illegible]	89.1
≥ 1400		7.8	8[illegible].1	86.8	88.3	88.7	89.8	91.	91.4	91.9	91.9	91.9	92.[illegible]	92.0	92.0	92.1
≥ 1200		7.9	81.2	88.2	89.8	90.1	91.4	92.7	93.1	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 1000		7.[illegible]	81.3	8[illegible].4	9[illegible].0	90.3	91.9	93.1	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 900		7.1	81.4	89.	91.6	9[illegible].9	92.7	93.[illegible]	94.6	95.1	95.1	95.1	95.2	95.2	95.2	95.3
≥ 800		7.2	81.8	89.6	91.1	91.4	93.8	95.	95.7	96.3	96.4	96.6	96.7	96.7	96.7	96.8
≥ 700		7.2	81.8	89.7	91.3	91.7	93.9	95.3	96.	96.7	96.8	96.9	97.[illegible]	97.0	97.0	97.1
≥ 600		7.4	82.3	90.0	91.8	92.1	94.4	95.9	96.7	97.4	97.7	97.8	97.9	97.9	97.9	98.[illegible]
≥ 500		7.4	8[illegible].0	90.4	92.2	92.6	95.0	96.4	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.9
≥ 400		7.4	82.	90.4	92.2	92.6	95.0	96.4	97.2	98.1	98.3	98.8	98.9	98.9	98.9	99.[illegible]
≥ 300		7.4	82.	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.0	99.0	99.2
≥ 200		7.4	82.	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.1	99.1	99.8
≥ 100		7.4	82.0	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.1	99.2	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS [illegible]70

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

OL RAF CLIMATOLOGY BRANCH
SHEET C
A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 — STATION
ILDENHALL RAF K — STATION NAME
4-8 — YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1400 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.7)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥⅜ (0.6)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0.0)
NO CEILING		1.2	31.4	31.7	31.7	32.2	32.3	32.3	32.3	32.7	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000		41.4	41.7	42.4	42.4	42.8	43.0	43.2	43.	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000		41.	42.3	42.7	42.9	43.2	43.4	43.4	43.4	43.3	43.9	43.9	43.9	43.9	43.9	43.9
≥ 6000		42.	42.4	43.7	43.7	43.3	43.6	43.6	43.6	43.9	44.0	44.0	44.0	44.	44.0	44.1
≥ 14000		42.1	42.6	43.1	43.1	43.4	43.7	43.7	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000		42.1	42.6	43.1	43.1	43.4	43.7	43.7	43.7	44.	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000		4 .0	45.6	46.6	46.6	46.9	47.2	47.2	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000		4 .2	46.3	47.8	47.8	48.1	48.4	48.4	48.4	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 8000		.1	5 .7	51.8	51.8	5 .1	52.4	52.4	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000		.3	51.9	53.	53.7	53.3	53.7	53.7	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1
≥ 6000		.6	52.1	53.2	53.2	53.6	53.9	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000		4.1	54.9	55.9	55.9	56.2	56.6	56.6	56.6	56.9	57.	57.0	57.0	57.0	57.0	57.0
≥ 4500		5 .4	57.2	5 .6	58.6	58.9	59.2	59.2	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4000		3.2	64.	65.3	65.4	65.8	66.1	6.1	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500		6 .5	7 .4	71.9	72.1	72.6	73.	73.7	73.	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000		7.1	78.0	79.6	79.9	8 .3	80.9	80.9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500		3.4	84.6	86.1	86.4	86.9	87.4	87.4	87.4	88.	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000		6.1	87.2	8.9	89.2	89.7	90.4	90.9	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		6.7	87.9	89.6	89.9	90.3	91.1	1.6	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		7.3	88.6	9 .6	91.2	91.7	92.4	92.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		8 .3	9 .6	92.7	93.3	93.8	94.6	95.1	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		8 .8	91.3	93.7	94.4	94.9	96.	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		8 .9	91.4	3.8	94.6	95.1	96.3	97.0	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800		.0	91.8	94.2	95.0	95.6	96.8	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		.1	91.9	94.3	95.1	95.7	97.1	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		.1	92.	94.4	95.2	95.8	97.3	98.2	98.3	99.	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		.1	92.0	94.4	95.2	95.8	97.3	98.2	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		0.3	92.1	4.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		.2	92.1	94.7	95.6	9 .2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	1 0.0	100.0	100.0
≥ 200		.2	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		0.3	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		0.3	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	1 0.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2[illegible]0

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

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

CEILING VERSUS VISIBILITY

75[illegible] (STATION) ILDENHALL RAF [illegible] K (STATION NAME) 4-[illegible] (YEARS) [illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS) ≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE43	≥2 GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE005	≥[illegible] GE004	≥0 GE[illegible]
NO CEILING		[illegible].8	29.7	30.0	3[illegible].1	[illegible].3	3[illegible].4	[illegible].4	3[illegible].4	3[illegible].7	3[illegible].7	3[illegible].7	3[illegible].7	3[illegible].7	30.7	30.7
≥ 20000		[illegible].9	40.8	42.0	42.1	42.3	42.4	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000		40.[illegible]	41.[illegible]	42.8	42.9	43.1	43.[illegible]	[illegible]3.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 16000		4[illegible].[illegible]	41.8	43.[illegible]	43.[illegible]	43.3	43.[illegible]	[illegible].4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000		[illegible]1.[illegible]	41.[illegible]	43.1	43.2	43.4	43.6	43.6	43.6	43.8	43.[illegible]	43.8	43.8	43.8	43.8	43.8
≥ 12000		1.2	42.1	43.3	43.4	43.7	43.8	43.8	43.8	44.[illegible]	44.[illegible]	44.0	44.0	44.0	44.0	44.0
≥ 10000		4[illegible].3	46.2	47.6	47.7	47.9	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000		4[illegible].6	47.4	4[illegible].8	48.9	49.1	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 8000		[illegible]2.2	53.2	54.9	55.[illegible]	55.2	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000		53.[illegible]	54.8	56.6	56.7	56.9	57.3	57.3	57.3	57.[illegible]	57.6	57.6	57.6	57.6	57.6	57.6
≥ 6000		4[illegible].0	55.[illegible]	56.8	56.9	57.1	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 5000		57.[illegible]	58.9	60.7	60.9	61.0	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4500		[illegible].3	67.0	65.[illegible]	66.1	66.3	66.8	66.8	66.8	67.0	67.[illegible]	67.0	67.0	67.0	67.0	67.0
≥ 4000		[illegible].6	73.[illegible]	75.8	76.1	76.[illegible]	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.[illegible]	77.0
≥ 3500		7.2	73.7	81.6	82.7	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000		82.4	84.7	87.2	88.[illegible]	88.2	88.8	89.[illegible]	89.[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500		6.4	88.1	91.4	92.3	92.6	93.1	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000		8.[illegible]	90.1	93.7	94.8	95.0	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		8.2	9[illegible].1	93.7	94.8	95.0	9[illegible].0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		8.8	9[illegible].7	94.8	96.[illegible]	96.2	97.3	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		8[illegible].1	90.9	95.[illegible]	96.4	96.7	97.9	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		8[illegible].1	91.0	95.1	96.6	96.8	98.0	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		8[illegible]	91.0	95.1	96.6	96.8	98.0	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.[illegible]	99.8	99.[illegible]	99.8	99.8	99.8	99.8	99.8
≥ 600		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	1[illegible] 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		8[illegible]	91.6	95.8	97.2	97.4	98.7	99.1	99.1	10[illegible].0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		8[illegible].6	91.6	95.8	97.2	97.4	9[illegible].7	99.1	99.1	100.0	100.0	100.0	100.0	1[illegible] 0.0	100.0	100.0
≥ 200		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	1[illegible] 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		8[illegible].6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	1[illegible] 0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]0

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

35771 ILDENHALL RAF K — STATION — STATION NAME
4-8 — YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		33.0	34.4	37.7	37.9	37.9	38.3	38.6	38.8	39.	39.	39.	39.0	39.0	39.0	39.0
≥ 20000		40.	42.7	47.0	47.4	47.4	47.9	48.1	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000		1.	43.2	47.6	48.0	48.0	48.4	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000		1.3	43.2	47.6	48.0	8.0	4 .4	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 4000		41.	43.7	48.	48.4	48.4	48.9	49.1	49.	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 2000		42.	44.7	49.2	49.7	49.7	5 .1	5 .3	5 .6	5 .8	5 .8	5 .8	50.9	50.9	50.3	50.9
≥ 10000		4 .0	48.3	53.3	53.8	53.8	54.2	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000		46.	49.2	54.2	54.7	54.7	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000		1.4	54.	60.0	6 .4	60.4	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000		2.	55.3	61.8	62.2	62.2	63.	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000		3.1	55.	62.2	62.7	62.7	63.4	64.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000		54.	57.6	64.0	64.4	64.4	65.2	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 4500		6.	63.	70.8	71.2	71.2	72.0	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 4000		6.1	69.3	77.2	77.8	77.8	7 .7	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	8 .0
≥ 3500		1.1	74.8	82.8	83.4	83.4	84.6	85.6	85.8	8 .0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 3000		6.2	79.9	38.1	88.8	88.8	9 .7	91.3	91.6	91.8	91.8	9 .8	91.8	91.8	91.8	91.9
≥ 2500		7 .1	81.9	90.7	91.3	91.3	92.6	94.	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 2000		7 .8	82.4	91.6	92.4	92.6	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.
≥ 1800		7 .8	82.8	91.6	92.4	92.6	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.
≥ 1500		7 .2	83.2	92.2	93.4	93.6	95.	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 1200		7 .2	83.2	92.4	93.7	93.8	95.4	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1000		7 .6	83.6	92.8	94.1	94.3	96.1	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 900		7 .7	83.7	92.9	94.2	94.4	96.2	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 800		7 .8	83.9	93.3	94.8	95.1	96.	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.6
≥ 700		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.	99.8	99.8	99.8	99.8	99.9
≥ 600		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400		7 .8	83.9	93.3	94.8	95.1	97.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300		7 .8	83.9	93.3	94.8	95.1	97.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200		7 .8	83.9	93.3	94.8	95.1	97.	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100		7 .8	83.9	93.3	94.8	95.1	97.	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0		79.8	83.9	93.3	94.8	95.1	97.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF UK 74-83 S P
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10	≥9 GE9	≥5/8 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		47.	47.3	47.9	49.1	49.4	5 .1	5 .6	5 .7	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000		44.1	46.4	52.4	53.7	54.0	54.9	55.3	55.4	55.9	56.	56.0	56.0	56.0	56.0	56.0
≥ 18000		4 .3	46.8	52.8	54.0	54.3	55.2	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000		4 .	46.8	52.8	54.0	54.3	55.2	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000		4 .3	47.	53.0	54.2	54.6	55.4	55.9	56.0	56.4	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000		45.1	47.4	53.6	54.8	55.1	56.	56.4	56.5	57.	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000		4 .3	49.2	55.4	57.1	57.4	58.3	58.9	59.	59.4	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000		4 .3	50.9	56.1	57.8	58.1	59.3	60.0	60.1	60.6	6 .7	60.7	60.7	60.7	60.7	60.7
≥ 8000		2.6	54.6	61.4	63.6	63.9	65.1	65.8	65.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000		52.	54.8	61.8	63.9	64.2	65.4	66.1	66.	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000		3.3	55.	62.1	64.1	64.4	65.8	66.4	66.5	67.	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000		5.3	57.1	64.2	66.3	66.7	68.	68.7	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500		5.0	62.	70.1	72.2	72.6	74.0	74.8	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000		3.1	65.7	74.1	76.7	77.0	78.7	79.7	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500		6.1	68.8	77.4	8 .1	80.4	82.1	83.1	83.	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000		6 .6	73.2	81.2	84.	84.3	86.	87.3	87.4	88.	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500		72.2	74.9	84.4	87.2	87.6	89.2	9 .6	9 .7	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		4.4	77.2	6.9	89.7	90.0	91.7	93.0	93.1	93.9	94.	94.0	94.0	94.0	94.0	94.0
≥ 1800		4.6	77.3	97.	89.8	90.1	91.8	93.1	93.2	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500		5.6	78.3	88.	91.2	91.6	93.3	95.	95.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200		5.8	78.7	88.4	91.9	92.3	94.2	96.1	96.2	97.	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		6.1	79.0	89.0	92.7	93.3	95.3	97.2	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		6.1	79.1	8 .1	92.9	93.6	95.6	97.4	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800		6.2	79.1	89.4	93.	93.9	95.9	97.8	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		6.6	79.7	9 .1	93.9	94.6	96.6	98.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		6.6	79.7	9 .1	93.9	94.6	96.6	98.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		6.6	79.7	90.1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		6.6	79.7	90.1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		6.6	79.7	9 .1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		6.6	79.7	9 .1	94.1	94.8	96.8	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		6.6	79.7	90.1	94.1	94.8	96.8	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		6.6	79.7	90.1	94.1	94.8	96.8	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15171	ILDENHALL RAF UK	4-83	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (21.0)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6.4)	≥3 (GE4.8)	≥2½ (GE4.0)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1¼ (GE2.0)	≥1 (GE1.6)	≥¾ (GE1.2)	≥½ (GE1)	≥5/16 (GE0.8)	≥3/16 (GE0.5)	≥0 (GE0.0)
NO CEILING		31.0	32.7	36.4	37.1	37.5	38.3	39.7	39.7	39.4	39.5	39.6	39.7	39.8	40.0
≥ 20000		37.7	40.1	44.3	45.1	45.3	46.4	46.9	47.2	47.7	47.8	47.9	48.0	48.1	48.2	48.4
≥ 18000		37.0	40.4	44.6	45.3	45.6	46.7	47.2	47.5	48.0	48.1	48.2	48.3	48.4	48.5	48.7
≥ 16000		37.1	40.5	44.7	45.4	45.7	46.8	47.3	47.6	48.0	48.1	48.2	48.3	48.5	48.5	48.7
≥ 14000		37.1	40.7	44.8	45.5	45.8	46.9	47.4	47.7	48.1	48.2	48.3	48.4	48.6	48.6	48.8
≥ 12000		37.4	40.9	45.1	45.9	46.1	47.2	47.7	48.0	48.5	48.6	48.7	48.8	48.9	49.1	49.2
≥ 10000		41.6	43.2	47.7	48.6	48.8	50.1	50.6	51.0	51.5	51.5	51.7	51.8	51.9	52.0	52.2
≥ 9000		42.4	44.1	48.6	49.5	49.7	51.1	51.7	52.1	52.6	52.7	52.8	52.9	53.1	53.1	53.4
≥ 8000		44.5	48.3	53.3	54.3	54.5	56.0	56.6	57.1	57.6	57.7	57.8	57.9	58.1	58.1	58.3
≥ 7000		44.7	49.2	54.3	55.3	55.6	57.1	57.7	58.2	58.7	58.8	58.9	59.0	59.2	59.2	59.4
≥ 6000		44.6	49.4	54.6	55.6	55.9	57.4	58.0	58.5	59.0	59.1	59.2	59.3	59.5	59.5	59.8
≥ 5000		44.7	51.6	56.8	57.9	58.2	59.6	60.3	60.8	61.3	61.4	61.5	61.6	61.8	61.8	62.1
≥ 4500		54.3	56.3	62.1	63.3	63.5	65.1	65.8	66.3	66.9	67.0	67.1	67.3	67.4	67.5	67.7
≥ 4000		55.9	62.2	68.5	69.8	70.1	71.9	72.7	73.2	73.8	73.9	74.1	74.2	74.4	74.4	74.7
≥ 3500		63.0	66.4	72.9	74.3	74.7	76.5	77.4	77.9	78.6	78.6	78.8	78.9	79.1	79.1	79.4
≥ 3000		66.1	70.7	77.5	79.1	79.4	81.3	82.4	82.9	83.6	83.7	83.8	83.9	84.1	84.1	84.4
≥ 2500		71.3	74.0	81.2	82.8	83.1	85.0	86.1	86.6	87.3	87.3	87.5	87.6	87.8	87.8	88.1
≥ 2000		73.3	76.1	83.4	85.1	85.4	87.5	88.7	89.2	89.9	90.0	90.1	90.3	90.5	90.5	90.8
≥ 1800		73.6	76.4	83.8	85.5	85.8	87.9	89.0	89.6	90.3	90.4	90.5	90.7	90.8	90.9	91.1
≥ 1500		74.7	77.6	85.3	87.2	87.6	89.7	91.0	91.6	92.4	92.5	92.6	92.8	93.0	93.0	93.3
≥ 1200		75.5	78.4	86.4	88.4	88.8	91.1	92.6	93.2	94.0	94.1	94.3	94.4	94.6	94.6	94.9
≥ 1000		76.0	79.7	87.0	89.1	89.6	92.0	93.6	94.2	95.1	95.2	95.3	95.5	95.7	95.7	95.9
≥ 900		76.1	79.1	87.2	89.3	89.8	92.3	93.9	94.6	95.5	95.6	95.7	95.9	96.1	96.1	96.3
≥ 800		76.3	79.4	87.8	89.9	90.4	92.9	94.5	95.2	96.1	96.3	96.4	96.6	96.7	96.8	97.0
≥ 700		76.4	79.6	88.1	90.3	90.7	93.4	95.1	95.8	96.8	96.9	97.1	97.2	97.4	97.4	97.7
≥ 600		76.4	79.7	88.2	90.4	90.8	93.6	95.3	96.0	96.9	97.1	97.2	97.4	97.6	97.6	97.9
≥ 500		76.5	79.7	88.3	90.6	91.0	93.9	95.6	96.4	97.4	97.6	97.8	97.9	98.1	98.2	98.4
≥ 400		76.5	79.8	88.5	90.8	91.2	94.1	95.9	96.7	97.7	97.9	98.1	98.3	98.5	98.5	98.8
≥ 300		76.5	79.8	88.5	90.8	91.2	94.2	96.0	96.7	97.9	98.1	98.3	98.5	98.7	98.8	99.0
≥ 200		76.5	79.8	88.5	90.8	91.3	94.2	96.0	96.8	98.0	98.2	98.4	98.5	98.8	98.9	99.2
≥ 100		76.5	79.8	88.5	90.8	91.3	94.2	96.0	96.8	98.0	98.2	98.4	98.6	98.9	99.0	99.7
≥ 0		76.5	79.8	88.5	90.8	91.3	94.2	96.0	96.8	98.0	98.2	98.4	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3577 (STATION) | ILDENHALL RAF UK (STATION NAME) | 4-5 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-23 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE15	≥9 GE14	≥8 GE13	≥7 GE12	≥6 GE11	≥5 GE10	≥4 GE9	≥3 GE8	≥2½ GE7	≥2 GE6	≥1½ GE5	≥1 GE4	≥¾ GE3	≥5/16 GE2	≥0 GE1	
NO CEILING		32.[illegible]	33.7	36.6	38.8	39.1	4[illegible]	41.4	41.5	41.7	41.8	42.5	42.7	43.[illegible]	43.[illegible]	44.2
≥ 20000		32.[illegible]	35.9	39.7	42.0	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.7	48.[illegible]
≥ 18000		3[illegible]	35.9	39.7	42.0	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]
≥ 16000		32.[illegible]	35.9	39.7	42.[illegible]	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]
≥ 14000		32.[illegible]	35.9	39.7	42.[illegible]	42.4	43.9	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]
≥ 12000		32.[illegible]	36.1	39.9	42.3	42.6	44.[illegible]	45.3	45.4	45.6	45.7	46.3	46.6	46.9	47.5	48.2
≥ 10000		33.[illegible]	37.1	40.8	43.2	43.5	45.2	46.5	46.7	47.[illegible]	47.1	47.7	48.[illegible]	48.3	49.9	49.6
≥ 9000		3[illegible].1	39.3	42.0	44.5	44.8	46.5	47.7	48.0	48.3	48.4	49.[illegible]	49.2	49.6	5[illegible].2	50.9
≥ 8000		3[illegible].7	4[illegible]	44.6	47.[illegible]	47.4	49.1	[illegible]0.4	50.6	51.0	51.1	51.7	51.9	52.3	52.9	53.5
≥ 7000		3[illegible].6	41.[illegible]	45.6	48.2	48.5	5[illegible].3	51.6	51.8	52.2	2.3	52.9	53.1	53.4	54.1	54.7
≥ 6000		3[illegible].7	41.1	45.7	48.3	48.6	5[illegible].4	51.8	52.[illegible]	52.4	52.5	53.1	53.3	5[illegible].7	54.3	54.9
≥ 5000		4[illegible].[illegible]	44.2	48.9	51.5	51.8	53.9	55.3	55.6	55.9	56.[illegible]	56.7	56.9	57.2	57.8	58.5
≥ 4500		[illegible]4.4	47.8	52.8	55.5	55.8	57.8	59.4	59.7	6[illegible].1	60.2	6[illegible].9	61.1	61.4	62.[illegible]	62.7
≥ 4000		4[illegible].9	5[illegible].3	59.0	61.8	62.2	64.4	66.0	66.3	66.8	66.9	67.5	67.7	68.1	68.7	69.4
≥ 3500		3.1	56.8	63.1	66.[illegible]	66.3	63.9	70.5	70.9	71.4	71.5	72.2	72.4	72.7	73.3	74.[illegible]
≥ 3000		54.[illegible]	58.7	65.5	68.6	68.9	71.8	73.8	74.[illegible]	74.6	74.7	75.4	75.6	75.9	76.6	77.2
≥ 2500		5[illegible].2	61.[illegible]	68.1	71.2	71.6	74.9	76.9	77.2	77.7	77.8	78.5	78.7	79.0	79.[illegible]	80.3
≥ 2000		5[illegible].7	64.1	71.5	75.1	75.5	79.[illegible]	81.[illegible]	81.4	81.9	82.[illegible]	82.7	82.9	83.2	83.9	84.5
≥ 1800		5[illegible].8	64.2	71.7	75.3	75.7	79.4	81.3	81.7	82.3	82.4	83.[illegible]	83.2	83.5	84.2	84.8
≥ 1500		1.2	65.6	73.3	77.2	77.4	81.3	83.2	83.7	84.2	84.3	84.9	85.2	85.5	86.1	86.8
≥ 1200		1.7	66.2	74.2	78.4	78.8	82.9	85.2	85.8	86.3	86.5	87.1	87.3	87.6	88.3	88.9
≥ 1000		62.8	67.4	76.3	8[illegible].5	81.7	85.1	87.3	88.[illegible]	88.5	88.6	89.2	89.5	89.8	90.4	91.1
≥ 900		62.[illegible]	67.5	76.8	81.7	81.4	85.5	87.8	88.6	89.1	89.2	89.9	9[illegible].1	9[illegible].4	91.1	91.7
≥ 800		3[illegible]	68.7	77.4	81.6	82.3	86.3	89.0	89.8	90.3	9[illegible].4	91.1	91.3	91.6	92.3	92.9
≥ 700		3.5	68.2	77.7	82.[illegible]	82.5	8[illegible].8	89.6	90.3	91.0	91.1	91.9	92.3	92.7	93.3	94.[illegible]
≥ 600		3.5	68.4	78.[illegible]	82.4	82.8	87.1	9[illegible].2	91.[illegible]	91.8	91.9	92.8	93.2	93.7	94.3	94.9
≥ 500		3.5	68.4	78.[illegible]	82.6	83.[illegible]	87.5	9[illegible].6	91.5	92.3	92.4	93.2	93.7	94.1	94.7	95.4
≥ 400		3.5	68.4	78.0	82.6	83.0	87.6	9[illegible].9	91.7	92.5	92.6	93.5	94.[illegible]	94.4	95.1	95.7
≥ 300		3.5	68.4	7[illegible].1	82.7	83.1	88.0	91.3	92.2	93.0	93.1	94.1	94.5	94.9	95.6	96.2
≥ 200		3.5	68.4	78.1	82.7	8[illegible].1	88.0	[illegible]1.3	92.2	93.1	93.2	94.4	94.8	95.3	95.9	97.3
≥ 100		3.5	68.4	78.1	82.7	83.1	88.[illegible]	91.3	92.[illegible]	93.2	93.3	94.5	94.9	95.5	96.1	99.1
≥ 0		3.5	68.4	78.1	82.7	83.1	88.[illegible]	91.3	92.7	93.2	93.3	94.5	94.9	95.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
7577	MILDENHALL RAF UK	4-67	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1700-2500

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE49	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING		2 .6	30.8	36.7	38.9	39.2	4 .3	41.7	41.8	4 .2	42.3	42.6	42.7	43.3	44.0	44.9
≥ 20000		.3	32.7	39.3	41.7	42.0	43.2	44.8	44.9	45.3	45.4	45.7	45.9	46.4	47.1	48.
≥ 18000		.3	32.7	39.4	41.8	42.1	43.3	44.9	45.0	45.4	45.5	45.9	46.	46.5	47.3	48.1
≥ 16000		.3	32.7	39.4	41.8	4 .1	43.3	44.9	45.0	45.4	45.5	45.9	46.0	46.5	47.3	48.1
≥ 14000		.3	32.7	39.4	41.8	42.1	43.3	44.9	45.0	45.4	45.5	45.9	46.0	46.5	47.3	48.1
≥ 12000		.3	32.7	39.4	42.	42.3	43.5	45.1	45.2	45.6	45.7	46.1	46.2	46.7	47.5	48.3
≥ 10000		0.1	33.6	40.7	43.3	43.7	44.9	46.6	46.8	47.5	47.6	47.9	48.	48.5	49.3	5 .2
≥ 9000		.2	34.7	41.8	44.3	44.8	46.0	47.7	47.9	48.5	48.7	49.	49.1	49.6	5 .4	51.2
≥ 8000		3.4	3 .	44.6	47.6	48.0	49.3	51.0	51.3	52.1	52.2	52.5	52.6	53.2	53.9	54.8
≥ 7000		33.	37.6	45.1	48.1	48.5	49.8	51.6	51.9	52.6	52.7	53.1	53.2	53.7	54.5	55.3
≥ 6000		33.	37.6	45.1	48.1	48.5	49.8	51.6	51.9	52.6	52.7	53.1	53.2	53.7	54.5	55.3
≥ 5000		3 .2	38.8	47.6	50.7	51.1	52.4	54.3	54.6	55.3	55.4	55.8	55.9	56.4	57.2	58.
≥ 4500		.3	43.1	51.0	54.3	54.7	56.3	58.2	58.8	59.6	59.7	6 .2	60.4	60.9	61.7	62.5
≥ 4000		4.5	4 .4	57.2	60.5	60.	62.9	64.9	65.4	66.3	66.4	66.8	67.1	67.6	68.4	69.2
≥ 3500	4 .7	51.	60.7	64.3	64.7	67.	69.0	69.5	70.5	70.6	71.0	71.3	71.8	72.6	73.4	
≥ 3000	4 .2	52.5	62.6	66.4	66.8	69.4	71.6	72.1	73.1	73.2	7 .6	73.8	74.4	75.1	76.0	
≥ 2500	0.5	54.8	65.4	69.5	7 .1	72.7	74.8	75.3	76.3	76.4	76.9	77.1	77.6	78.4	79.2	
≥ 2000	3.0	57.5	69.0	73.3	73.7	76.4	78.6	79.2	8 .2	80.3	80.7	80.9	81.5	82.2	83.1	
≥ 1800	3.	57.7	69.2	73.5	74.0	76.7	78.9	79.5	80.5	8 .6	81.1	81.3	81.9	82.6	83.4	
≥ 1500	5.	5 .5	71.3	75.9	76.3	79.1	1.9	82.8	83.7	83.9	84.3	84.5	85.0	85.8	86.7	
≥ 1200	5.4	6 .7	72.1	77.3	77.7	81.3	83.7	84.7	85.7	85.8	86.2	86.4	87.0	87.7	88.6	
≥ 1000	5.5	60.1	72.4	77.7	78.1	81.5	84.4	85.4	86.3	86.4	86.9	87.1	87.6	88.4	89.2	
≥ 900	5.5	60.1	72.6	77.9	78.4	81.8	84.7	85.7	86.7	86.8	87.2	87.4	87.9	88.7	89.6	
≥ 800	5 .	60.7	73.6	79.0	79.4	83.0	86.0	87.0	88.1	88.2	88.6	88.8	89.3	9 .1	91.0	
≥ 700	5 .2	6 .7	73.8	79.3	79.8	83.9	86.7	87.6	88.8	88.9	89.3	89.6	90.1	90.9	91.7	
≥ 600	5 .3	6 .9	74.3	79.8	8 .2	84.	87.8	88.8	90.0	90.1	90.5	90.7	91.3	92.0	92.9	
≥ 500	5 .2	60.8	74.3	79.8	8 .2	84.1	88.2	89.1	9 .3	91.5	91.	91.2	91.7	92.5	93.3	
≥ 400	5 .2	60.8	74.3	79.8	80.3	84.2	88.5	89.6	9 .9	91.1	91.5	91.7	92.2	93.	93.9	
≥ 300	5 .3	60.8	74.6	80.1	80.6	84.5	88.8	89.9	91.2	91.5	91.9	92.1	92.9	93.6	94.6	
≥ 200	5 .2	6 .8	74.6	8 .1	80.6	84.5	89.1	90.3	91.6	91.9	92.5	93.2	94.2	95.2	96.9	
≥ 100	5 .2	6 .8	74.6	80.1	80.6	84.6	89.1	9 .4	91.8	92.1	92.7	93.4	94.4	95.5	98.8	
≥ 0	5 .2	6 .8	74.6	80.1	80.6	84.8	89.1	9 .4	91.8	92.1	92.7	93.4	94.5	95.6	100.0	

TOTAL NUMBER OF OBSERVATIONS _____ 9

USAF ETAC FORM 101 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF K	4-9[illegible]	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-2800

VISIBILITY STATUTE MILES OR (KILOMETERS)

CEILING FEET	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥
UNLIMITED		.2	20.1	24.5	25.7	26.2	23.4	29.4	29.7	3 .2	3 .3	3 .4	3 .4	31.1	31.3	31.8
≥20000		2 .2	25.3	30.0	31.7	32.2	34.5	35.8	36.3	36.9	37.	37.2	37.3	38.1	38.2	38.7
≥18000		2 .1	2 .3	30.1	31.8	32.3	34.6	36.0	36.6	37.1	37.2	37.4	37.5	38.2	38.4	38.9
≥15000		2 .3	25.3	3 .1	31.8	3 .3	34.6	36.0	36.6	37.1	37.2	37.4	37.5	38.2	38.4	38.9
≥12000		24.	25.6	3 .4	32.2	32.6	34.9	36.3	36.9	37.	37.5	37.7	37.8	38.5	38.7	39.2
≥10000		2 .1	26.	3 .9	32.7	33.1	35.5	36.9	37.4	38.	38.1	38.3	38.4	39.0	39.2	39.8
≥9000		2 .3	27.0	32.2	34.3	34.8	37.2	38.7	39.2	4 .1	4 .2	4 .4	4 .6	41.3	41.5	42.
≥8000		26.	27.7	33.3	35.7	36.3	38.8	40.3	40.9	41.7	41.8	42.	42.3	42.9	43.1	43.7
≥7000		1.1	32.2	39.5	41.1	41.7	44.3	45.	46.7	47.7	48.1	48.3	48.5	49.1	49.4	49.9
≥6000		1.4	32.6	38.9	41.5	42.2	44.7	46.3	47.	48.4	48.7	48.9	49.1	49.8	50.0	50.5
≥5000		1.3	33.7	39.	41.6	42.3	44.9	46.5	47.2	48.5	48.8	49.	49.2	49.9	50.1	50.6
≥4500		33.	35.1	41.8	44.6	45.3	48.3	5 .1	51.	52.4	52.7	52.9	53.1	53.8	54.	54.5
≥4000		36.	39.2	45.7	48.5	49.1	52.2	54.2	55.4	57.1	57.4	57.7	58.	58.6	58.8	59.4
≥3500		1.5	42.	51.3	54.3	55.2	58.6	60.8	62.0	63.9	64.3	64.6	65.1	65.8	66.	66.6
≥3000		3.3	45.1	54.3	57.7	58.7	62.2	64.4	65.7	67.8	68.3	68.6	69.0	69.8	70.0	70.5
≥2500		46.	48.6	58.7	62.3	63.3	67.	69.4	7 .6	72.9	73.4	73.8	74.2	74.9	5.2	75.7
≥2000		4 .2	50.3	60.4	64.5	65.6	69.8	72.3	73.7	76.	76.6	76.9	77.3	78.1	78.3	78.8
≥1800		4 .1	51.1	1.6	65.7	66.8	71.3	73.8	75.2	77.5	78.1	78.4	78.8	79.6	79.8	8 .3
≥1500		4 .5	51.4	61.9	66.	67.1	71.6	74.2	75.6	78.0	78.5	79.8	79.2	80.0	8 .2	8 .8
≥1200		5 .	53.3	64.7	68.8	69.9	74.6	77.2	78.7	81.2	81.	82.0	82.5	83.2	83.4	84.
≥1000		.1	53.4	65.4	69.7	7 .8	75.7	78.8	8 .3	83.	83.5	83.9	84.3	85.1	85.3	85.8
≥900		1.5	53.9	66.0	70.4	71.5	76.6	79.9	81.5	84.2	84.7	85.1	85.5	86.2	86.6	87.1
≥800		.6	54.7	66.3	70.8	71.9	77.0	80.4	82.8	84.9	85.5	85.9	86.3	87.1	87.4	88.
≥700		51.	54.2	66.7	71.1	7 .4	77.5	1.2	82.9	86.0	86.6	87.0	87.5	88.3	88.6	89.1
≥600		51.	54.2	56.7	71.3	72.6	77.8	81.8	84.	87.3	87.8	88.3	88.8	89.6	89.9	90.4
≥500		2.0	54.4	67.0	71.8	73.1	78.7	83.5	85.9	89.4	89.9	9 .4	91.1	91.8	92.3	92.8
≥400		2.0	5 .5	67.3	72.2	73.4	79.1	84.1	86.5	90.1	90.6	91.3	91.9	92.7	93.1	93.7
≥300		2.	54.5	67.3	72.2	73.4	79.1	84.1	86.7	90.6	91.2	91.9	92.8	93.5	94.	94.5
≥200		2.	54.5	67.3	72.2	73.4	79.4	84.4	87.	91.1	91.	92.7	93.7	94.5	95.4	96.9
≥100		2.0	54.5	67.3	72.2	73.4	79.4	84.5	87.1	91.2	91.7	92.8	93.8	94.6	95.7	98.9
≥0		2.3	54.5	67.3	72.2	73.4	79.4	84.5	87.1	91.2	91.7	92.8	93.8	94.6	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

35771 (STATION) ILDENHALL RAF K (STATION NAME) 4-8? (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)														
	≥10 GE10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		2 .5	25.3	27.8	28.7	28.7	29.6	3 .2	3 .8	3 .8	3 .8	3 .9	3 .9	30.9	30.9	31.0
≥ 20000		1.4	32.5	35.9	37.0	37.3	38.2	38.9	39.9	4 .2	4 .2	4 .3	4 .3	4 .3	4 .3	4 .4
≥ 18000		3 .	32.7	36.1	37.2	37.6	38.6	39.4	40.3	40.6	4 .6	4 .8	4 .8	4 .8	4 .8	4 .9
≥ 16000		31.	32.7	36.1	37.2	37.6	38.	39.4	40.3	40.6	40.6	40.8	40.8	40.8	40.8	4 .9
≥ 14000		31.	32.9	36.2	37.3	37.7	38.7	39.5	4 .4	40.8	40.8	40.9	40.9	40.9	40.9	41.0
≥ 12000		32.	33.3	37.3	38.4	38.8	39.9	4 .5	41.5	41.8	41.8	41.9	41.9	41.9	41.9	42.
≥ 10000		35.	37.1	40.6	41.7	42.2	43.2	44.1	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.9
≥ 9000		36.	38.2	42.	43.2	4 .7	44.7	45.7	46.8	47.3	47.3	47.4	47.4	47.4	47.4	47.5
≥ 8000		41.	42.7	47.	48.5	48.9	5 .1	51.2	52.3	52.9	3.0	53.1	53.1	53.1	53.1	53.2
≥ 7000		2.3	44.1	48.5	5 .3	50.4	51.6	52.7	53.8	54.4	54.5	54.6	54.6	54.6	54.6	54.7
≥ 6000		2.5	44.4	48.8	50.3	50.8	51.9	53.	54.1	54.7	54.8	54.9	54.9	54.9	54.9	55.1
≥ 5000		4.5	46.5	51.3	52.9	53.3	54.6	55.7	56.8	57.4	57.5	57.6	57.6	57.6	57.6	57.7
≥ 4500		4 .2	49.4	54.2	55.9	56.5	57.7	58.8	59.9	60.5	60.6	60.8	60.8	60.8	60.8	60.9
≥ 4000		1.3	53.7	6 .3	62.2	63.1	64.4	65.6	66.7	67.3	67.6	67.7	67.7	67.7	67.7	67.8
≥ 3500		3.1	55.8	62.6	64.4	65.3	66.9	68.1	69.1	7 .3	70.1	70.2	70.2	70.2	70.2	70.3
≥ 3000		5 .7	60.5	68.0	69.8	70.6	72.6	73.9	74.9	75.9	76.	76.1	76.1	76.1	76.1	76.2
≥ 2500		5 .6	62.4	0.4	72.6	73.5	75.6	77.1	78.2	79.1	79.2	79.4	79.4	79.4	79.4	79.5
≥ 2000		1.5	64.5	72.9	75.4	76.3	78.5	0.2	81.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6
≥ 1800		1.5	64.5	72.9	75.4	76.3	78.5	8 .2	81.3	8 .3	82.4	82.5	82.5	82.5	82.5	82.6
≥ 1500		3.2	66.5	75.5	78.3	79.2	81.6	83.4	84.5	85.7	85.8	85.9	85.9	85.9	85.9	6.2
≥ 1200		3.4	66.7	76.3	79.2	80.2	82.8	85.1	86.3	87.5	87.6	87.7	87.7	87.7	87.7	87.8
≥ 1000		4.5	68.0	78.2	81.2	82.3	85.2	87.6	88.9	90.2	90.4	9 .5	9 .5	9 .5	9 .5	9 .6
≥ 900		4.5	68.	78.3	81.3	82.4	85.4	88.0	89.2	90.6	90.9	91.0	91.0	91.0	91.0	91.1
≥ 800		4.7	68.2	78.7	81.7	82.8	85.8	88.5	89.9	91.5	91.7	91.8	91.8	91.8	91.8	91.9
≥ 700		5.3	68.7	79.5	82.6	83.7	86.8	89.5	9 .9	92.5	92.7	92.8	92.8	92.8	92.8	92.9
≥ 600		5.3	68.7	79.8	83.1	84.2	87.7	9 .5	92.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5
≥ 500		5.	68.7	79.8	83.1	84.2	87.7	90.6	92.3	94.5	94.9	95.2	95.3	95.3	95.3	95.4
≥ 400		5.3	68.7	79.8	83.3	84.4	88.1	91.1	92.7	94.9	95.4	95.7	95.8	95.8	95.8	95.9
≥ 300		5.3	68.7	79.8	83.3	84.4	88.1	91.3	92.9	95.5	96.1	96.7	96.8	96.8	96.8	96.9
≥ 200		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.	96.7	97.2	97.6	98.3	98.4	98.7
≥ 100		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.	96.7	97.2	97.6	98.3	98.4	99.1
≥ 0		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.0	96.7	97.2	97.6	98.3	98.4	0.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35771	WILDENHALL RAF UK	4-61	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1 0-1400

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2 GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE0.8	≥½ GE0.8	≥½ GE0.5	≥¼ GE0.4	≥0 GE
NO CEILING		2 .0	23.7	24.7	25.5	25.6	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000		33.	34.6	35.9	36.9	37.0	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		3 .	35.2	36.5	37.4	37.5	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 16000		3 .3	35.2	36.5	37.4	37.5	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000		3 .4	35.3	36.6	37.5	37.6	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000		3 .4	36.2	37.5	38.5	38.6	39.	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 10000		3 .1	38.9	40.3	41.3	41.4	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000		.1	41.1	42.9	43.9	44.0	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 8000		44.	45.6	48.	49.	49.1	49.	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000		4 .2	46.1	48.5	49.6	49.7	5 .2	50.6	50.6	50.	50.6	50.6	50.6	50.6	50.6	50.6
≥ 6000		4 .2	46.1	48.5	49.6	49.7	5 .2	50.6	5 .6	50.6	50.6	5 .6	50.6	50.6	50.6	50.6
≥ 5000		4 .6	48.7	51.1	52.2	52.3	53.	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4500		.1	52.3	54.7	55.8	56.0	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4000		56.	58.1	6 .8	61.9	62.	63.0	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3500		.4	61.8	64.8	66.	66.3	67.1	67.5	67.5	67.8	67.8	6 .8	67.8	67.8	67.8	67.8
≥ 3000		6 .9	70.5	74.5	75.7	76.	77.1	77.5	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500		72.9	74.8	79.1	80.3	80.6	81.7	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000		6.2	78.3	82.8	84.1	84.5	85.8	86.2	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800		6.6	78.6	83.1	84.5	84.9	86.2	86.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500		7 .3	8 .4	85.8	87.5	88.	89.8	9 .2	9 .3	90.9	90.	90.9	90.9	90.9	90.9	90.9
≥ 1200		7 .0	81.3	87.5	89.4	89.9	92.2	92.9	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000		7 .8	82.2	88.9	91.0	91.5	93.9	94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		7 .9	82.4	89.2	91.3	91.8	94.2	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800		.3	82.5	89.4	91.	92.0	94.6	95.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700		.1	82.6	89.7	91.8	92.5	95.2	96.5	96.	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600		.1	82.6	89.8	91.9	92.6	95.5	96.8	97.	97.6	98.	98.0	98.0	98.0	98.0	98.0
≥ 500		10.1	82.6	89.8	91.9	92.6	95.5	97.	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		0.1	82.6	89.9	92.2	92.8	95.9	97.6	97.8	98.6	99.	99.0	99.0	99.	99.	99.
≥ 300		.1	82.6	89.9	92.2	92.	95.9	97.6	97.8	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200		.1	82.6	89.9	92.3	92.9	96.	97.7	98.0	98.8	99.2	99.2	99.5	99.7	99.7	99.7
≥ 100		.1	82.6	89.9	92.3	92.9	96.	97.7	98.	98.8	99.2	99.2	99.5	99.7	100.0	100.0
≥ 0		10.1	82.6	89.9	92.3	92.9	96.	97.7	98.	98.8	99.2	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

CL AL CLIMATOLOGY BRANCH
ETAC
A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5 7	ILDENHALL RAF K	4-8	26

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥5/16 (≥0.8)	≥¼ (≥0.4)	≥0 (≥0)
NO CEILING		24.	25.8	26.9	27.5	27.5	27.7	27.7	27.8	28.	28.	28.	28.0	28.0	28.0	28.0
≥ 20000		3 .2	35.4	37.4	38.1	38.1	38.4	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000		34.	36.0	38.1	38.7	38.7	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 16000		34.	36.	38.1	38.7	38.7	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000		34.	36.3	38.4	39.	39.0	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 12000		3 .0	37.5	39.6	4 .2	4 .2	40.5	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000		3 .2	39.7	42.0	42.8	42.8	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 9000		3 .8	41.4	44.1	44.8	44.8	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 8000		43.	45.6	48.9	49.8	49.8	50.3	50.3	50.4	50.5	50.5	50.5	50.5	5 .5	50.5	50.5
≥ 7000		4 .5	47.3	.6	51.5	51.5	52.	52.2	52.3	52.	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000		45.	47.7	51.1	51.9	51.9	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 5000		4 .8	50.6	54.4	55.3	55.3	55.8	55.9	56.	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500		4.4	56.3	0.3	61.2	61.2	61.7	61.8	61.9	62.0	62.	62.0	62.0	62.0	62.0	62.0
≥ 4000		.5	62.5	66.7	67.5	67.5	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500		6.3	69.4	72.7	73.7	73.7	74.2	74.5	74.6	74.7	74.	74.7	74.7	74.7	74.7	74.7
≥ 3000		3.3	74.6	79.5	8 .4	80.4	81.3	81.8	82.	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500		4.8	77.4	82.5	83.4	83.4	84.3	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000		7 .9	81.8	8 .0	88.0	88.0	89.0	89.7	89.9	90.0	90.	90.0	90.0	90.0	90.0	90.0
≥ 1800		7 .	81.9	87.3	88.3	88.3	89.4	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		.1	83.	89.4	90.5	90.5	91.6	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200		0.6	83.8	9 .3	91.6	91.6	93.3	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		1.0	84.2	91.4	92.9	92.9	94.7	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900		.0	84.2	91.4	92.9	92.9	94.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		1.1	84.3	91.6	93.1	93.1	9 .1	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700		1.4	84.6	92.	93.5	93.5	95.6	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600		1.6	84.8	92.7	94.3	94.3	96.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400		.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 300		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 200		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.4	9 .6	99.6	99.6	99.6	99.6
≥ 100		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.5	99.7	99.7	99.7	99.9	100.0
≥ 0		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.5	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GL PAL CLIMATOLOGY BRANCH
L AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5 7	ILDENHALL RAF K	4-87	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 0-2400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE05	≥¼ GE04	≥0 GE
NO CEILING		2 .4	29.8	32.4	33.7	33.9	35.3	35.9	35.9	36.	36.1	36.1	36.1	36.	36.1	36.1
≥ 20000		33.	35.1	38.7	40.1	40.4	41.9	42.5	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000		3 .0	35.4	39.0	40.4	40.8	42.2	42.8	42.8	42.9	43.	43.0	43.0	43.0	43.0	43.0
≥ 16000		3 .	35.4	39.	4 .4	40.8	42.2	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.	43.0
≥ 14000		3 .	35.4	39.	4 .4	4 .8	42.2	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000		3 .1	35.5	39.1	4 .5	40.9	42.3	42.9	42.9	43.	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000		35.	37.2	40.9	42.5	42.8	44.3	44.9	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000		3 .7	39.1	42.8	44.4	44.7	46.3	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000		. .3	42.3	46.8	48.4	48.9	50.6	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000		1.	43.2	47.7	49.5	49.9	51.9	52.6	52.6	52.7	52.	52.8	52.8	52.8	52.8	52.8
≥ 6000		2.3	43.7	48.3	5 .7	50.4	52.5	53.1	53.1	53.2	53.3	53.3	53.3	5 .3	53.3	53.3
≥ 5000		3.2	44.8	49.6	51.5	51.9	54.	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500		4 .2	5 .8	53.8	56.2	56.7	58.7	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000		4.7	56.6	62.5	65.2	65.7	67.8	6 .7	68.8	68.9	69.0	69.0	69.0	69.0	69.	69.0
≥ 3500		5 .	6 .9	67.1	69.8	7 .3	72.8	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000		4.6	66.5	73.9	76.7	77.2	79.7	81.	81.2	81.3	81.4	81.4	81.4	81.	81.4	81.4
≥ 2500		6 .1	69.4	77.3	80.1	80.6	83.2	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000		.0	7 .3	91.8	84.6	85.2	88.1	89.7	89.9	90.0	90.1	9 .1	9 .1	90.1	9 .1	90.1
≥ 1800		1.	73.3	81.8	84.7	85.	88.2	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	9 .2
≥ 1500		1.7	74.2	83.3	86.5	87.	9 .0	91.8	92.	92.	92.3	92.3	92.3	92.3	9 .3	92.3
≥ 1200		2.4	74.9	84.8	89.2	8 .7	92.3	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		2.7	75.3	85.3	88.6	89.1	92.7	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900		.7	75.3	85.3	88.6	89.1	92.7	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800		2.7	75.3	85.5	88.8	89.4	93.0	5.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700		72.9	75.5	86.	89.4	89.9	93.5	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600		72.9	75.5	86.1	89.5	9 .3	94.1	97.	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		72.9	75.5	86.2	89.7	90.2	94.4	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		7 .	75.5	86.2	89.7	90.2	94.5	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300		72.9	75.5	86.2	89.7	90.2	94.5	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.4
≥ 200		72.9	75.5	86.2	89.7	9 .2	94.5	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.4
≥ 100		7 .9	75.5	86.2	89.7	9 .2	94.5	97.7	98.3	98.8	98.9	99.	99.1	99.1	99.1	99.8
≥ 0		72.9	75.5	86.2	89.7	90.2	94.5	97.7	98.3	98.8	98.9	99.	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15[illegible] (STATION) ILDENHALL RAF [illegible] (STATION NAME) 4-8[illegible] (YEARS) [illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.7)	≥5 (≥8.)	≥4 (≥6.5)	≥3 (≥4.8)	≥2½ (≥4.)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2.)	≥1 (≥1.6)	≥¾ (≥1.)	≥½ (≥0.8)	≥⅜ (≥0.6)	≥¼ (≥0.5)	≥3/16 (≥0.3)	≥0 (≥0.)
NO CEILING		1.1	32.7	37.5	39.5	39.5	4[illegible].4	41.1	42.	43.[illegible]	43.1	43.2	43.5	43.8	47.9	44.3
≥ 20000		34.0	35.[illegible]	40.9	43.[illegible]	43.1	44.4	45.2	46.1	47.2	47.3	47.4	47.7	48.	48.1	48.5
≥ 18000		3[illegible].1	36.0	41.0	43.1	43.2	44.5	45.3	46.2	47.3	47.4	47.5	47.8	48.1	48.2	48.6
≥ 16000		3[illegible].1	36.	41.[illegible]	43.1	43.2	44.5	45.3	46.2	47.3	47.4	47.5	47.8	48.1	48.2	48.6
≥ 14000		3[illegible].1	36.	41.0	43.1	43.2	44.5	45.3	46.2	47.[illegible]	47.4	47.5	47.8	48.1	48.2	48.6
≥ 12000		3[illegible].2	36.1	41.1	43.2	43.3	44.6	45.4	46.3	47.4	47.5	47.6	48.[illegible]	48.2	48.3	48.7
≥ 10000		35.	37.7	42.9	45.1	45.2	46.5	47.2	48.2	49.2	49.4	49.5	49.8	5[illegible].0	5[illegible].1	5[illegible].5
≥ 9000		3[illegible].7	40.0	45.2	47.3	47.4	48.7	49.5	50.4	51.5	51.6	51.7	52.	52.3	52.4	52.8
≥ 8000		[illegible].4	42.7	48.2	5[illegible].5	50.6	51.9	52.7	53.7	54.7	54.8	54.9	55.3	55.5	55.6	56.[illegible]
≥ 7000		1.	43.2	43.7	51.1	51.2	52.7	53.4	54.4	55.[illegible]	55.6	55.7	56.0	56.2	56.3	56.8
≥ 6000		1.3	43.2	48.7	51.1	51.2	52.7	53.4	54.4	55.5	55.6	55.7	56.0	56.2	56.3	56.8
≥ 5000		42.[illegible]	45.5	51.2	53.5	53.7	55.2	55.9	56.9	58.[illegible]	58.1	58.2	58.5	58.7	58.8	59.2
≥ 4500		[illegible].6	48.4	54.3	56.7	56.8	58.5	59.2	60.3	61.4	61.5	61.6	61.9	62.2	62.3	62.7
≥ 4000		1.5	54.5	61.	63.5	63.8	65.6	66.5	67.5	68.6	68.7	68.8	69.1	69.4	69.5	69.9
≥ 3500		4.5	57.5	64.6	67.2	67.4	69.6	7[illegible].5	7[illegible].6	72.8	72.9	73.0	73.3	73.5	73.7	74.1
≥ 3000		5.8	62.3	7[illegible].6	73.3	73.5	75.7	76.8	77.8	79.	79.1	79.2	79.6	79.8	79.9	80.3
≥ 2500		1.4	64.9	74.0	76.7	77.0	79.2	8[illegible].4	81.5	82.7	82.8	82.9	83.2	83.4	83.5	84.[illegible]
≥ 2000		4.3	6[illegible].4	77.5	80.2	80.5	83.1	84.3	85.6	86.9	87.	87.1	87.4	87.6	87.7	88.2
≥ 1800		4.3	68.4	77.5	80.7	80.6	83.5	84.7	86.0	87.3	87.4	87.5	87.8	88.1	88.2	88.6
≥ 1500		6.	69.8	79.2	82.5	82.8	85.9	87.	88.5	89.8	89.9	90.0	90.3	90.5	90.6	91.1
≥ 1200		6.6	7[illegible].4	8[illegible].1	83.4	83.8	87.5	88.8	9[illegible].1	91.4	91.5	9[illegible].6	91.9	92.2	92.3	92.7
≥ 1000		56.[illegible]	70.9	81.3	84.6	84.9	88.7	9[illegible].7	91.3	92.6	92.7	92.8	93.1	93.3	93.4	93.9
≥ 900		66.	7[illegible].0	81.5	84.8	85.2	88.9	90.2	91.5	92.9	93.	93.1	93.4	93.7	93.8	94.2
≥ 800		6[illegible].1	71.2	81.9	85.1	85.6	8[illegible].7	91.4	92.7	94.2	94.3	94.4	94.7	95.2	95.3	95.7
≥ 700		6[illegible].4	71.5	82.5	85.8	86.1	9[illegible].4	92.[illegible]	93.4	95.2	95.3	95.4	95.7	96.2	96.3	96.8
≥ 600		6[illegible].4	71.5	82.6	86.	86.3	9[illegible].8	92.5	93.8	95.5	95.6	95.7	96.0	96.6	96.7	97.1
≥ 500		6[illegible].4	71.5	82.8	86.2	86.6	91.3	93.	94.3	96.[illegible]	96.1	96.2	96.6	97.1	97.2	97.6
≥ 400		6[illegible].4	71.5	82.8	86.2	86.6	91.6	93.3	94.6	96.3	96.5	96.6	96.9	97.4	97.5	98.[illegible]
≥ 300		6[illegible].4	71.	82.8	86.2	86.6	91.7	93.4	94.8	96.6	96.7	96.9	97.2	97.7	97.8	98.3
≥ 200		6[illegible].4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	97.0	97.3	97.8	98.2	98.9
≥ 100		6[illegible].4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	91.0	97.3	97.8	98.4	99.7
≥ 0		6[illegible].4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	97.	97.3	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL AL CLIMATOLOGY BRANCH
C FETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15 7 (STATION) ILDENHALL RAF K (STATION NAME) 4-8 (YEAR) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR IN HUNDREDS OF METERS)															
	≥10	≥9	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
		GE 10	GE 9	GE 5	GE 4	GE 3	GE 2	GE 1½	GE 1	GE ¾	GE ½	GE ¼	GE 0		
NO CEILING		9 .2	27.7	31.9	32.3	32.5	33.5	34.2	34.5	34.9	34.8	35.0	35.1	35.7	35.5	35.8
≥ 20000		31.	33.4	37.2	38.8	39.1	4 .2	41.1	41.4	41.9	41.8	42.0	42.1	42.3	42.5	42.8
≥ 18000		31.	33.6	37.5	39.1	39.3	4 .5	41.3	41.7	42.	42.1	42.3	42.4	42.6	42.7	43.1
≥ 16000		31.	33.6	37.5	39.1	39.3	40.5	41.3	41.7	42.	42.1	42.3	42.4	42.6	42.8	43.1
≥ 14000		.0	33.	37.6	39.2	39.4	40.6	41.5	41.9	42.2	42.2	42.4	42.5	42.7	42.9	43.2
≥ 12000		2.4	34.3	38.1	39.7	40.2	41.1	42.0	42.4	42.7	42.8	42.9	43.0	43.3	43.5	43.8
≥ 10000		3 .7	36.	40.0	41.8	42.	43.3	44.2	44.6	45.3	45.1	45.3	45.4	45.6	45.8	46.1
≥ 9000		35.	37.6	41.8	43.5	43.8	45.1	46.	46.4	46.9	46.9	47.1	47.2	47.4	47.6	48.2
≥ 8000		7 .9	41.0	45.8	47.7	48.1	49.4	5 .4	51.9	51.3	51.4	51.6	51.7	51.9	52.1	52.5
≥ 7000		3 .8	41.9	46.7	48.7	49.0	50.4	51.4	51.9	52.3	52.5	52.6	52.7	53.	53.2	53.5
≥ 6000		.7	42.1	46.9	48.9	49.2	50.6	51.6	52.0	52.5	52.7	52.8	52.9	53.2	53.4	53.7
≥ 5000		.2	44.4	49.5	51.5	51.8	53.4	54.4	54.9	55.	55.5	55.7	55.8	56.0	56.2	56.6
≥ 4500		4 .6	47.9	53.4	55.5	55.3	57.5	58.5	59.1	59.7	59.8	6 .0	6 .1	60.3	60.5	60.9
≥ 4000		1.4	53.3	59.8	62.1	62.6	64.4	65.5	66.1	66.8	66.9	67.1	67.2	67.5	67.7	68.
≥ 3500		4.6	57.2	63.7	66.1	66.6	68.6	69.8	70.4	71.1	71.3	71.5	71.6	71.8	72.1	72.4
≥ 3000		5 .1	61.3	69.2	71.6	7 .1	74.3	75.7	76.3	77.1	77.3	77.5	77.6	77.8	78.1	78.4
≥ 2500		1.4	64.3	72.2	74.8	75.3	77.7	79.2	79.8	80.6	80.	80.9	81.1	81.3	81.5	81.9
≥ 2000		4.3	67.4	75.5	78.3	78.8	81.4	82.9	83.6	84.5	84.6	84.8	84.9	85.2	85.4	5.7
≥ 1800		4.4	67.5	75.7	78.5	79.0	81.7	83.2	83.9	84.8	84.9	85.1	85.3	85.5	85.7	86.
≥ 1500		5.3	69.0	77.8	80.9	81.4	84.3	85.9	86.6	87.5	87.7	87.9	88.	88.3	88.5	88.8
≥ 1200		6.3	69.6	78.9	82.	82.7	86.0	87.9	88.7	89.6	89.8	90.0	90.1	90.3	90.5	90.9
≥ 1000		6.3	7 .2	80.2	83.4	83.9	87.3	89.3	9 .1	91.1	91.3	91.5	91.6	91.9	92.1	92.4
≥ 900		66.3	7 .3	80.2	83.6	84.1	87.5	89.6	9 .5	91.5	91.7	91.9	92.0	92.3	92.5	92.8
≥ 800		6 .1	70.9	80.6	84.0	84.6	88.1	9 .5	91.4	92.5	92.7	92.9	93.1	93.3	93.5	93.9
≥ 700		6 .3	70.7	81.0	84.5	85.1	88.7	91.2	92.1	93.3	93.5	93.7	93.9	94.2	94.4	94.8
≥ 600		6 .4	7 .8	81.3	84.8	85.4	89.2	92.0	92.9	94.2	94.4	94.7	94.9	95.1	95.4	95.7
≥ 500		6 .4	7 .8	81.3	84.9	85.5	89.5	92.3	93.3	94.7	94.9	95.2	95.4	95.7	96.0	96.3
≥ 400		6 .4	7 .9	81.4	85.7	85.6	89.7	92.7	93.7	95.1	95.4	95.7	95.9	96.2	96.4	96.7
≥ 300		6 .4	70.9	81.4	85.1	85.7	89.8	92.8	93.9	95.5	95.8	96.1	96.4	96.7	97.	97.3
≥ 200		6 .4	70.9	81.4	85.1	85.7	89.9	92.9	94.1	95.7	96.	96.5	96.9	97.3	97.7	98.4
≥ 100		6 .4	7 .9	81.4	85.1	85.7	89.9	93.0	94.1	95.7	96.0	96.5	96.9	97.4	97.9	99.4
≥ 0		6 .4	7 .9	81.4	85.1	85.7	89.9	93.0	94.1	95.7	96.0	96.5	96.9	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-8[illegible]	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 00-[illegible]

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1 GE2	≥¾ GE1.6	≥½ GE1	≥¼ GE0.8	≥⅛ GE0.2	≥5/16 GE0.5	≥0 GE0.4	≥0 GE0
NO CEILING		30.[illegible]	31.4	36.1	36.6	36.9	39.4	39.7	4[illegible].6	4[illegible].9	4[illegible].9	4[illegible].9	41.1	41.6	4[illegible].2	43.1
≥ 20000		3.2	34.1	39.2	39.7	40.1	41.9	43.1	44.2	44.7	44.7	44.7	44.9	45.3	46.1	47.[illegible]
≥ 18000		3.[illegible]	34.2	39.3	39.8	40.2	42.0	43.2	44.3	44.8	44.8	44.8	45.[illegible]	45.4	46.2	47.1
≥ 16000		3.3	34.2	39.3	39.8	40.2	42.0	43.2	44.3	44.8	44.8	44.8	45.0	45.4	46.2	47.1
≥ 14000		3.3	34.2	39.3	39.8	4[illegible].2	42.1	43.2	44.3	4[illegible].8	44.8	44.8	45.0	45.4	46.2	47.1
≥ 12000		3.3	34.2	39.3	39.8	4[illegible].2	42.1	43.2	44.3	44.8	44.8	44.8	45.0	45.4	4[illegible].2	47.1
≥ 10000		34.[illegible]	35.9	40.9	41.3	41.8	43.8	45.2	46.3	46.9	46.8	46.8	47.[illegible]	47.4	48.2	49.1
≥ 9000		3[illegible].1	36.2	41.4	41.9	42.3	44.4	45.9	47.0	47.4	47.4	47.4	47.7	48.1	48.9	49.8
≥ 8000		37.[illegible]	39.6	45.3	45.9	46.[illegible]	48.6	50.0	51.3	51.8	51.8	51.8	52.0	52.4	53.2	54.1
≥ 7000		3[illegible].1	39.9	45.8	46.2	46.8	49.[illegible]	50.4	51.9	52.2	[illegible]2.2	52.2	52.4	52.9	53.7	54.6
≥ 6000		3[illegible].1	39.9	45.9	46.4	47.[illegible]	49.2	50.7	52.[illegible]	52.4	52.4	52.4	52.7	53.1	53.9	54.8
≥ 5000		[illegible].0	41.9	48.4	49.2	49.8	52.[illegible]	53.4	54.9	55.2	55.2	55.2	55.4	55.9	56.7	57.6
≥ 4500		4.2	[illegible]6.3	53.4	54.2	54.8	57.1	58.6	59.9	60.3	6[illegible].3	6[illegible].3	6[illegible].6	61.[illegible]	61.9	62.7
≥ 4000		[illegible].4	52.9	6[illegible].4	61.3	61.9	64.2	65.7	67.1	67.6	67.6	67.6	67.8	68.2	69.[illegible]	69.9
≥ 3500		3.2	55.7	64.3	65.4	66.1	68.8	7[illegible].1	71.9	7[illegible].0	72.0	72.0	72.2	72.7	73.4	74.3
≥ 3000		5[illegible].2	58.7	67.9	69.1	69.8	72.2	74.1	75.6	76.1	76.1	76.1	76.3	76.8	77.6	78.4
≥ 2500		5[illegible].0	61.0	70.3	72.1	72.8	75.2	77.1	78.6	79.1	79.1	79.1	79.3	79.8	8[illegible].6	81.4
≥ 2000		50.[illegible]	64.1	[illegible]4.8	76.7	76.7	79.1	81.2	82.7	83.2	83.2	83.2	83.4	83.9	84.7	85.6
≥ 1800		[illegible].1	64.4	75.2	76.6	77.2	79.[illegible]	81.9	83.3	83.9	84.0	84.0	84.2	84.7	85.4	86.3
≥ 1500		2.3	65.7	76.9	78.3	78.9	81.3	83.7	85.[illegible]	85.7	85.[illegible]	85.8	86.0	86.4	87.2	88.1
≥ 1200		3.1	66.9	78.1	79.4	8[illegible].1	82.7	85.1	86.7	87.2	87.3	87.3	87.6	88.0	89.8	89.7
≥ 1000		63.[illegible]	68.0	79.6	81.7	81.7	84.2	86.7	88.2	88.8	88.9	88.9	89.1	89.6	9[illegible].7	91.2
≥ 900		4[illegible].[illegible]	68.7	80.2	81.7	82.3	84.9	87.3	88.9	89.4	89.6	89.6	89.8	9[illegible].2	91.[illegible]	91.9
≥ 800		64.[illegible]	69.[illegible]	80.8	82.[illegible]	83.4	86.6	89.1	90.7	91.2	91.3	91.3	91.6	92.[illegible]	92.8	93.7
≥ 700		64.[illegible]	69.[illegible]	80.9	82.8	83.8	86.9	89.4	91.0	91.7	91.8	91.8	92.0	92.4	93.2	94.1
≥ 600		5.[illegible]	69.1	81.1	83.4	84.4	87.7	9[illegible].3	91.9	92.6	92.7	9[illegible].7	92.9	93.3	94.1	95.[illegible]
≥ 500		5.1	69.2	81.2	83.6	84.6	87.8	9[illegible].8	92.3	93.2	93.3	93.3	93.6	94.[illegible]	94.8	95.7
≥ 400		5.2	69.3	81.3	83.7	84.7	87.9	91.0	92.8	93.9	94.[illegible]	94.0	94.2	94.7	95.4	96.3
≥ 300		5.2	69.3	1.3	83.7	84.7	88.0	91.1	93.0	94.4	94.6	94.7	94.9	95.4	96.7	97.7
≥ 200		5.2	69.3	81.3	83.7	84.7	88.0	1.2	93.1	94.8	94.9	95.0	95.3	96.2	97.7	98.7
≥ 100		5.2	69.3	81.3	83.7	84.7	88.[illegible]	91.2	93.[illegible]	94.8	94.9	95.0	95.6	96.4	97.9	99.3
≥ 0		5.2	69.3	81.3	83.7	84.7	88.[illegible]	91.2	93.1	94.8	94.9	95.[illegible]	95.6	96.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	4-67	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) [illegible]-[illegible]00

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE15	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4.8	≥5 GE4	≥4 GE2.4	≥3 GE2	≥2½ GE2	≥2 GE1.6	≥1½ GE1	≥1¼ GE1.0	≥1 GE0.8	≥¾ GE0.6	≥½ GE0.4	≥0 GE0
NO CEILING		[illegible].1	29.6	33.2	35.4	35.9	37.[illegible]	38.[illegible]	38.6	38.7	38.7	38.7	38.7	38.8	39.2	40.1
≥ 20000		[illegible].8	31.2	35.1	37.6	38.0	39.2	4[illegible].2	4[illegible].8	40.9	4[illegible].9	41.[illegible]	41.0	41.1	41.6	42.4
≥ 18000		30.0	[illegible]1.4	35.3	37.8	38.2	39.4	40.4	41.[illegible]	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 16000		[illegible].0	31.4	35.3	37.8	38.2	39.4	40.4	41.0	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 14000		[illegible].0	31.4	35.3	37.8	38.2	39.4	4[illegible].4	41.[illegible]	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 12000		30.0	31.[illegible]	35.3	37.8	38.2	39.4	4[illegible].4	41.[illegible]	41.1	41.1	41.2	41.[illegible]	41.3	41.8	42.7
≥ 10000		3[illegible].1	32.9	36.7	39.2	39.8	41.[illegible]	42.[illegible]	42.6	42.7	42.7	42.8	42.8	42.9	43.3	44.2
≥ 9000		[illegible].0	33.4	37.6	40.3	40.9	42.2	43.2	43.8	43.9	43.9	44.[illegible]	44.0	44.1	44.6	45.4
≥ 8000		34.[illegible]	36.[illegible]	41.[illegible]	43.8	44.3	45.[illegible]	46.7	47.3	47.6	47.6	47.7	47.7	47.8	48.2	49.1
≥ 7000		3[illegible].4	36.9	41.8	44.6	45.1	46.4	47.4	48.[illegible]	48.3	48.3	48.4	48.4	48.6	49.0	49.9
≥ 6000		3[illegible].4	36.9	41.8	44.6	45.1	46.4	47.4	48.1	48.3	48.3	48.4	48.4	48.6	49.0	49.9
≥ 5000		3[illegible].6	39.0	44.7	47.4	48.0	49.3	5[illegible].3	51.[illegible]	51.2	51.2	51.3	51.3	51.4	51.9	52.8
≥ 4500		1.0	42.9	48.2	51.1	51.7	53.0	54.2	54.9	55.1	55.1	55.2	55.2	55.3	55.8	56.7
≥ 4000		47.[illegible]	5[illegible].1	56.4	59.3	59.9	[illegible]1.3	[illegible]2.7	63.3	63.9	63.9	64.0	64.0	64.1	64.6	65.7
≥ 3500		[illegible].0	52.2	59.7	62.8	63.3	64.8	66.1	66.8	67.3	67.3	67.4	67.4	67.6	68.0	69.1
≥ 3000		[illegible].2	55.7	64.1	67.4	68.[illegible]	69.7	71.7	72.3	72.9	72.9	73.[illegible]	73.0	73.1	73.6	74.7
≥ 2500		55.[illegible]	59.4	67.3	70.8	71.3	73.[illegible]	75.[illegible]	75.8	76.3	76.3	76.4	76.4	76.6	77.[illegible]	78.1
≥ 2000		5[illegible].7	61.[illegible]	71.9	75.4	76.0	77.7	79.7	80.4	81.0	81.[illegible]	81.1	81.1	81.2	81.7	82.8
≥ 1800		5[illegible].9	61.8	72.2	75.8	76.3	78.[illegible]	8[illegible].0	80.8	81.3	81.6	81.7	81.7	81.8	82.2	83.3
≥ 1500		[illegible].4	63.4	74.6	78.1	78.7	8[illegible].3	92.3	83.[illegible]	83.7	83.9	84.0	84.0	84.1	84.6	85.8
≥ 1200		62.7	65.7	77.2	8[illegible].9	81.4	83.2	85.3	86.2	86.8	87.[illegible]	87.1	87.1	87.2	8[illegible].7	88.9
≥ 1000		62.[illegible]	66.2	78.3	82.1	82.7	84.4	86.6	87.6	88.1	88.3	88.4	88.4	88.6	89.[illegible]	90.2
≥ 900		62.[illegible]	66.[illegible]	7[illegible].4	82.3	82.9	84.7	86.8	87.8	88.3	88.6	88.7	88.7	88.8	89.2	9[illegible].4
≥ 800		63.2	66.9	79.2	83.3	83.9	85.7	8[illegible].8	88.8	89.4	89.7	89.8	89.8	89.9	90.3	91.6
≥ 700		63.2	66.9	79.3	83.4	84.[illegible]	85.9	88.1	89.1	89.8	90.0	90.1	90.1	90.3	90.8	92.0
≥ 600		63.2	66.9	79.4	83.9	84.4	86.8	89.[illegible]	90.0	90.7	90.9	91.0	91.0	91.2	91.7	92.9
≥ 500		63.3	67.0	79.7	84.1	84.7	87.1	89.8	91.1	91.8	92.[illegible]	92.1	92.1	92.4	92.9	94.1
≥ 400		63.[illegible]	67.3	79.7	84.2	84.8	87.3	90.2	91.6	92.2	92.6	92.7	92.7	93.[illegible]	93.4	94.7
≥ 300		63.3	67.[illegible]	79.7	84.2	84.8	87.3	90.2	91.8	92.6	93.0	93.3	93.3	94.0	94.8	96.0
≥ 200		63.3	67.[illegible]	79.9	84.6	85.1	87.7	9[illegible].6	92.1	93.0	93.4	94.1	94.1	95.1	95.9	97.1
≥ 100		63.3	67.[illegible]	79.9	84.6	85.1	87.7	9[illegible].6	92.1	93.[illegible]	93.7	94.3	94.3	95.4	96.2	99.3
≥ 0		63.3	67.0	79.9	84.6	85.1	87.7	9[illegible].6	92.1	93.[illegible]	93.7	94.3	94.3	95.4	96.6	1[illegible]0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL BAL CLIMATOLOGY BRANCH
ET C
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15171	ILSENHALL RAF K	4-87	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 600-0800

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9.7)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2½ (4)	≥2 (3.2)	≥1½ (2.4)	≥1 (2)	≥1 (1.6)	≥¾ (1.2)	≥½ (1)	≥5/16 (0.8)	≥5/16 (0.8)	≥¼ (0.4)	≥0 (0)
NO CEILING		2.3	23.3	25.7	26.9	27.1	28.	28.6	29.	29.7	3 .0	3 .0	3 .1	30.3	31.0	31.8
≥ 20000		2 .6	26.6	29.2	30.4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 18000		2 .6	26.	29.2	30.4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 16000		2 .6	26.6	29.2	3 .4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 14000		2 .6	26.6	29.2	3 .4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 12000		2 .6	26.6	29.2	3 .6	30.8	31.8	32.3	32.8	33.4	33.9	33.9	34.1	34.2	34.9	35.7
≥ 10000		2 .0	28.0	31.1	32.8	33.0	34.0	34.6	35.	35.7	36.1	36.1	36.2	36.4	37.1	37.9
≥ 9000		2 .8	28.9	32.0	33.1	33.9	34.9	35.4	35.7	36.6	37.	37.0	37.1	37.3	38.	38.8
≥ 8000		31.	33.1	36.7	38.3	38.6	39.9	40.3	40.8	41.4	41.9	41.9	42.0	42.2	42.9	43.7
≥ 7000		3.	34.2	37.9	39.6	39.8	4 .8	41.6	42.1	4 .7	43.1	43.1	43.2	43.4	44.1	44.9
≥ 6000		33.1	34.3	38.	39.7	39.9	41.	41.8	42.2	42.9	43.3	43.3	43.4	43.7	44.3	45.1
≥ 5000		3 .1	36.3	40.3	42.1	42.3	43.6	44.4	44.9	45.7	46.1	46.1	46.2	46.6	47.2	48.
≥ 4500		3 .	43.6	45.1	46.9	47.1	48.3	49.2	49.7	50.4	50.9	5 .9	51.0	51.3	52.	52.8
≥ 4000		45.	47.	52.6	54.4	54.7	5 .0	57.2	57.9	59.0	59.4	59.6	59.7	60.0	6 .7	61.4
≥ 3500		.2	51.7	58.2	6 .1	6 .3	61.7	63.1	63.9	65.1	5.6	65.7	65.8	66.1	66.8	67.6
≥ 3000		53.	55.3	62.	64.7	64.4	65.8	67.4	68.2	69.6	7 .0	70.1	70.3	70.7	71.3	72.1
≥ 2500		5.6	57.2	64.3	66.3	66.9	68.6	7 .3	71.1	72.6	73.	73.1	73.3	73.7	74.3	75.1
≥ 2000		5 .8	0.6	68.9	71.2	71.8	73.8	75.7	76.4	78.0	78.6	78.7	78.9	79.2	79.9	8 .7
≥ 1800		5 .2	61.	69.4	71.8	72.3	74.3	76.2	77.0	78.6	79.1	79.2	79.4	79.8	8 .4	81.2
≥ 1500		1.2	63.2	72.1	74.9	75.7	78.	79.9	80.8	82.4	3.0	83.1	83.3	83.7	84.3	85.1
≥ 1200		62.8	64.8	74.3	77.2	78.	8 .7	82.6	83.7	85.4	86.	86.0	86.4	86.8	87.4	88.2
≥ 1000		3.0	65.0	74.9	77.8	78.6	81.3	83.4	84.8	86.6	87.1	87.3	87.6	87.9	88.6	89.3
≥ 900		3.1	65.3	75.3	78.2	79.1	81.9	84.3	85.7	87.4	88.	88.2	88.4	88.8	89.4	9 .2
≥ 800		3.2	65.6	75.7	78.6	79.4	82.3	84.9	86.2	88.1	88.7	88.9	89.1	89.4	9 .1	90.9
≥ 700		3.3	65.8	75.9	79.	79.9	83.1	85.9	87.2	89.1	89.7	89.9	90.1	90.4	91.1	91.9
≥ 600		3.4	65.9	76.2	79.4	8 .3	83.8	86.7	88.1	9 .0	90.6	9 .8	91.0	91.3	92.0	92.8
≥ 500		3.6	66.2	76.3	79.6	80.7	84.1	87.9	89.3	91.2	91.8	92.	92.3	92.7	93.3	94.1
≥ 400		3.	66.0	76.3	79.6	80.7	84.1	88.1	89.6	91.7	92.2	92.4	92.9	93.4	94.1	94.9
≥ 300		3.6	66.	76.3	79.6	80.	84.1	88.6	90.1	92.6	93.1	93.4	94.1	95.2	96.2	97.0
≥ 200		3.6	66.	76.3	79.6	8 .7	84.1	88.6	90.1	92.6	93.2	93.6	94.2	95.4	96.6	97.6
≥ 100		3.6	66.	76.3	79.6	8 .7	84.1	88.6	9 .1	92.7	93.3	93.7	94.3	95.7	96.9	99.3
≥ 0		3.6	66.	76.3	79.6	80.7	84.1	88.6	90.1	92.7	93.3	93.7	94.3	95.7	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GL -AL CLIMATOLOGY BRANCH
U /FETAC
A' EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF K	4-2[illegible]	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) [illegible]00-1[illegible]

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)																
	≥10 [illegible]	≥9 [illegible]	≥8 GE8	≥7 GE6	≥6 GE4.9	≥5 GE4	≥4 GE3.2	≥3 GE2.4	≥2 GE2	≥1 GE1.6	≥[illegible] GE1.0	≥[illegible] GE[illegible]	≥[illegible] GE[illegible]	≥[illegible] GE[illegible]	≥3/16 GE[illegible]	≥[illegible] GE[illegible]	≥0 GE[illegible]
NO CEILING		[illegible].3	21.3	23.7	25.1	25.2	25.9	26.6	27.1	27.3	27.7	27.8	27.8	27.9	[illegible].0	28.1
≥ 20000		2[illegible].1	27.2	30.2	31.8	32.2	33.2	34.	34.6	35.[illegible]	35.3	35.4	35.4	35.6	35.7	35.9
≥ 18000		2[illegible].4	27.8	30.[illegible]	32.3	32.8	33.8	34.6	35.1	35.6	35.9	36.[illegible]	36.1	36.1	36.2	36.4
≥ 16000		2[illegible].4	27.8	3[illegible].8	32.3	[illegible]	33.8	34.6	35.1	35.6	35.9	36.0	36.0	36.1	36.2	36.4
≥ 14000		2[illegible].4	27.8	3[illegible].8	32.3	32.8	33.8	34.6	35.1	35.6	3[illegible].9	36.0	36.0	36.1	36.2	36.4
≥ 12000		26.[illegible]	28.1	31.1	32.7	33.1	34.1	34.9	35.4	35.9	36.2	36.3	36.3	36.4	36.6	36.8
≥ 10000		2[illegible].7	30.1	33.2	34.9	35.3	36.6	37.3	37.9	38.3	38.7	38.8	38.8	38.9	39.[illegible]	39.2
≥ 9000		2[illegible].4	30.2	34.0	35.7	36.1	37.3	38.1	38.7	39.1	39.4	39.6	39.6	39.7	39.8	4[illegible].0
≥ 8000		33.[illegible]	35.1	38.8	4[illegible].4	40.9	42.3	43.2	43.9	44.2	44.6	44.7	44.7	44.8	45.[illegible]	45.2
≥ 7000		35.[illegible]	37.4	41.2	42.9	43.3	44.9	45.7	46.2	46.7	47.0	47.1	47.1	47.2	47.4	47.7
≥ 6000		3[illegible].1	37.8	41.6	43.2	43.7	45.1	46.	46.6	47.	47.3	47.4	47.4	47.6	47.8	48.0
≥ 5000		3[illegible].1	39.8	43.8	45.4	45.9	47.6	48.7	49.2	5[illegible].0	50.3	5[illegible].4	5[illegible].4	5[illegible].6	5[illegible].8	[illegible]1.[illegible]
≥ 4500		[illegible].2	44.1	48.6	52.3	50.3	52.4	53.7	54.2	55.	55.3	55.4	55.4	55.6	55.8	56.[illegible]
≥ 4000		46.	49.1	53.9	55.7	56.2	53.2	59.7	60.2	61.3	61.7	61.8	61.8	61.9	62.1	62.3
≥ 3500		2[illegible].	54.7	59.9	62.[illegible]	62.7	4.7	66.2	66.8	67.9	68.2	68.3	68.3	68.4	68.7	68.9
≥ 3000		56.[illegible]	59.4	64.8	67.	67.7	69.8	71.4	72.[illegible]	73.1	3.4	73.6	73.6	73.7	73.9	74.1
≥ 2500		5[illegible].0	60.8	66.8	69.1	69.8	72.	74.1	74.7	75.8	76.1	76.2	76.2	76.3	76.6	76.8
≥ 2000		[illegible].0	62.2	69.8	72.7	73.6	76.4	78.6	79.1	8[illegible].4	80.9	81.0	81.0	81.1	81.3	81.6
≥ 1800		[illegible].1	63.7	70.0	73.1	74.0	77.0	79.1	79.7	81.	81.4	81.6	81.6	81.7	81.9	82.1
≥ 1500		1.6	64.7	72.3	75.9	76.8	80.0	82.1	82.9	84.2	84.7	84.8	84.8	84.9	85.1	85.3
≥ 1200		3.3	66.9	74.9	78.4	79.4	83.	85.	85.9	87.3	87.8	87.9	87.9	88.0	88.2	88.4
≥ 1000		3.6	67.4	75.6	79.1	8[illegible].3	84.4	86.8	87.8	89.2	89.7	89.8	89.9	90.0	90.2	90.4
≥ 900		3.6	67.4	75.7	79.2	8[illegible].6	84.7	87.1	88.1	89.6	9[illegible].0	9[illegible].1	9[illegible].2	90.3	9[illegible].6	90.8
≥ 800		3.	67.4	76.0	79.6	81.0	85.1	87.7	88.8	90.4	9[illegible].9	91.1	91.2	91.3	91.6	91.8
≥ 700		3.7	67.7	76.4	80.1	81.6	86.1	88.9	90.1	91.8	92.2	92.4	92.6	92.7	92.9	93.1
≥ 600		63.8	67.8	76.6	8[illegible].2	81.7	86.2	89.0	90.2	91.9	92.3	92.6	92.7	92.8	93.0	93.2
≥ 500		63.8	67.8	76.8	8[illegible].4	81.9	86.7	89.4	9[illegible].7	92.9	93.3	93.7	93.8	93.9	94.1	94.3
≥ 400		63.8	67.8	76.8	80.6	82.	86.8	89.9	91.2	93.4	93.9	94.3	94.4	94.6	94.8	95.0
≥ 300		63.8	67.8	76.8	80.6	82.0	86.8	90.1	91.6	94.[illegible]	94.6	95.1	95.3	95.6	95.9	96.4
≥ 200		63.8	67.8	76.8	80.6	82.0	86.8	90.1	91.6	94.2	94.8	95.4	95.7	95.9	96.2	97.0
≥ 100		63.8	67.8	76.8	8[illegible].6	82.[illegible]	86.8	9[illegible].1	91.6	94.2	94.8	95.6	95.8	96.1	96.9	99.6
≥ 0		63.8	67.8	76.8	8[illegible].6	82.[illegible]	86.8	9[illegible].1	91.6	94.2	94.8	95.6	95.8	96.2	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

L AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

7577 (STATION) ILDENHALL RAF K (STATION NAME) 4-8 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-1422 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)														
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2 GE4	≥2 GE3.2	≥1 GE2.4	≥1 GE2	≥1 GE1.6	≥ GE1	≥ GE0.8	≥ GE0.6	≥5/16 GE0.5	≥ GE0.4	≥0 GE0
NO CEILING		2.2	22.4	23.9	24.4	24.6	25.1	25.1	25.2	25.2	25.3	25.3	25.3	25.3	5.7	25.9
≥ 20000		30.4	31.1	33.1	33.3	34.0	34.8	34.9	35.	35.1	35.2	35.2	35.2	35.2	35.6	35.8
≥ 18000		30.	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1
≥ 6000		3 .	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1
≥ 14000		3 .	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1
≥ 2000		31.2	31.	33.9	34.7	34.8	35.6	35.7	35.8	35.8	36.	36.0	36.1	6.0	36.3	36.6
≥ 10000		33.	34.4	36.6	37.3	37.4	38.2	38.3	38.4	38.4	38.8	38.8	38.8	38.8	39.1	39.3
≥ 9000		35.	36.	3 .7	39.4	39.6	40.3	40.4	40.5	40.6	40.9	4 .9	4 .9	4 .9	41.2	41.4
≥ 8000		.4	41.2	43.7	44.4	44.7	4 .4	45.6	45.7	45.7	46.1	46.1	46.1	46.1	46.4	46.7
≥ 7000		2.	4 .	45.4	46.3	46.6	47.3	47.4	47.6	47.6	48.0	4 .0	48.0	48.0	48.3	48.6
≥ 6000		3.3	43.1	45.3	46.7	46.9	47.7	47.8	47.9	47.9	48.3	48.3	48.3	48.3	48.7	48.9
≥ 5000		4.3	49.1	48.0	49.7	49.2	5 .1	5 .2	5 .4	5 .4	51.1	51.1	51.1	51.1	51.4	51.7
≥ 4500		4 .8	8.8	52.1	53.2	53.4	54.3	54.4	54.7	54.7	55.3	55.3	55.3	55.3	55.7	55.9
≥ 4000		51.	53.1	56.7	57.8	58.2	59.2	5 .3	59.6	59.6	60.2	60.2	60.2	60.2	6 .6	6 .8
≥ 3500		55.	57.2	61.1	62.4	62.9	64.	64.2	64.4	6 .4	65.1	65.1	65.1	65.1	65.4	65.7
≥ 3000		.7	62.4	66.7	68.7	68.6	7 .7	7 .3	7 .6	7 .6	71.2	71.2	7 .2	71.2	71.6	71.8
≥ 2500		3.7	65.9	70.7	72.2	72.8	74.3	75.1	75.3	75.7	76.3	76.3	76.3	76.3	76.7	76.9
≥ 2000		6.3	69.8	4.0	75.8	76.4	78.3	79.1	79.3	79.7	8 .3	8 .3	8 .6	8 .6	8 .9	81.1
≥ 800		6.4	69.	74.2	76.	76.7	78.6	7 .3	79.6	79.9	80.6	80.6	80.8	80.8	81.1	91.3
≥ 500		6 .7	72.7	78.2	8 .3	81.	82.9	83.7	83.9	84.3	85.0	5.0	85.2	85.2	85.6	35.8
≥ 200		1.4	74.7	8 .8	83.3	84.	96.3	87.2	87.4	88.2	88.9	88.9	89.1	89.1	8 .4	89.7
≥ 1000		1.8	75.1	82.2	84.9	85.6	88.1	89.2	89.4	9 .3	91.	91.	91.2	91.2	91.6	91.8
≥ 900		1.8	7 .1	82.2	85.0	85.7	88.3	89.6	89.8	90.7	91.3	91.3	91.6	91.6	91.9	92.1
≥ 800		2.3	75.8	83.2	86.	86.7	89.1	90.9	91.2	92.1	92.9	92.9	93.1	93.1	93.4	93.7
≥ 700		2.4	75.9	83.6	86.3	87.	90.4	92.7	92.3	93.0	94.0	94.0	94.2	94.2	94.6	94.8
≥ 600		2.4	75.9	83.6	86.3	87.7	90.6	92.1	92.4	93.3	94.1	94.1	94.4	94.4	94.8	95.0
≥ 500		2.4	75.9	83.6	86.3	87.0	90.6	92.1	92.7	93.8	94.6	94.6	95.	95.	95.3	95.6
≥ 400		.4	75.9	3.6	86.4	87.1	90.7	92.4	93.0	94.3	95.1	95.1	95.6	95.6	95.9	96.1
≥ 300		2.4	75.9	83.6	86.4	87.1	90.	92.8	93.3	95.3	96.2	96.2	96.7	97.1	97.4	97.8
≥ 200		2.4	75.9	83.6	86.4	87.1	9 .7	92.8	93.3	95.4	96.6	96.6	97.1	97.6	98.7	96.3
≥ 100		2.4	75.9	83.6	86.4	87.1	9 .7	92.8	93.3	95.4	96.6	96.6	97.1	98.0	98.8	100.0
≥ 0		2.4	75.9	83.6	86.4	87.1	90.7	92.8	93.3	95.4	96.6	96.6	97.1	98.	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75 7 | ILDENHALL RAF UK | 4-8 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0- 700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥9 GE9	≥8 GE8	≥7 GE6	≥5 GE4	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0
NO CEILING		1.1	22.0	23.2	24.	24.1	24.	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4
≥ 20000		.6	29.9	32.0	32.9	33.0	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7
≥ 18000		.9	30.2	32.3	33.2	33.3	34.1	34.4	34.8	35.0	35.	35.	35.0	35.0	35.0
≥ 16000		.9	30.2	32.3	33.2	33.3	34.1	34.4	34.8	35.0	35.0	35.0	35.0	35.0	35.0
≥ 14000		.1	30.4	32.6	33.4	33.6	34.3	34.7	35.	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000		.1	30.4	32.6	33.4	33.6	34.3	34.7	35.	35.2	35.2	35.2	35.2	35.2	35.2
≥ 11000		31.	32.9	35.1	36.0	36.2	37.	37.3	37.7	37.9	37.9	37.9	37.9	37.9	37.9
≥ 9000		2.	33.7	35.1	36.8	37.0	37.8	38.1	38.4	38.9	38.9	38.9	38.9	38.9	38.9
≥ 8000		3.7	4.3	42.7	43.6	43.8	44.6	45.0	45.3	45.8	45.9	45.9	45.9	45.9	45.9
≥ 7000		3.9	41.7	44.2	45.1	45.3	46.1	46.6	46.9	47.3	7.4	47.4	47.4	47.4	47.4
≥ 6000		0.0	41.8	44.3	45.2	45.4	46.2	46.7	47.	47.4	47.6	47.6	47.6	47.6	47.6
≥ 5000		2.2	44.1	46.8	47.7	47.9	48.7	49.4	49.8	5 .2	50.4	50.4	50.4	50.4	50.4
≥ 4500		44.	46.8	50.0	51.9	51.1	52.2	53.1	53.4	54.0	54.3	54.3	54.3	54.3	54.3
≥ 4000		1.1	53.3	56.8	57.7	57.9	59.2	60.2	60.6	61.1	61.4	61.4	61.4	61.4	61.4
≥ 3500		5.3	57.8	61.2	62.2	62.4	64.	65.0	65.3	66.0	6.3	66.3	66.3	66.3	66.3
≥ 3000		1.2	64.	67.9	69.	69.2	71.0	72.	72.4	73.1	73.4	73.4	73.4	73.4	73.4
≥ 2500		4.4	67.6	71.6	72.9	73.2	75.3	76.3	76.8	77.9	78.2	78.2	78.2	78.2	78.2
≥ 2000		6.3	69.9	4.3	76.0	76.4	78.8	79.8	80.2	81.4	81.8	81.8	81.8	81.8	81.8
≥ 1800		66.	7 .2	74.7	76.9	76.8	79.1	0.1	80.6	81.8	82.1	82.1	82.1	82.1	82.1
≥ 1500		6 .	72.6	77.3	79.8	8 .3	82.8	84.	84.4	85.9	86.2	86.2	86.2	86.2	86.2
≥ 1200		0.3	74.6	8 .2	82.8	83.3	85.9	87.1	87.7	89.1	89.4	89.4	89.4	89.4	89.4
≥ 1000		1.4	76.1	82.4	85.2	85.8	88.4	89.9	9 .4	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900		.4	76.1	82.7	85.7	86.2	89.0	90.4	91.0	92.6	92.9	92.9	92.9	92.9	92.9
≥ 800		1.3	76.8	83.6	86.6	87.1	90.4	92.0	92.7	94.2	94.6	94.6	94.6	94.6	94.6
≥ 700		71.7	76.9	83.7	86.9	87.4	91.1	92.9	93.6	95.1	95.4	95.4	95.4	95.4	95.4
≥ 600		71.9	76.9	83.7	86.9	87.4	91.1	92.9	93.6	95.1	95.4	95.4	95.4	95.4	95.4
≥ 500		71.9	76.9	83.8	87.0	87.6	91.4	93.4	94.4	96.3	96.8	96.8	96.8	96.8	96.8
≥ 400		71.9	76.9	3.8	87.0	87.6	91.6	93.6	94.7	96.8	97.2	97.3	97.3	97.3	97.3
≥ 300		71.9	76.9	83.8	87.1	87.6	91.6	93.7	94.9	97.1	97.6	97.7	97.7	97.8	98.1
≥ 200		71.9	76.9	83.8	87.1	87.6	91.6	93.8	95.1	97.2	97.7	97.8	97.8	98.1	98.1	98.7
≥ 100		71.9	76.9	83.8	87.1	87.6	91.6	93.8	95.	97.2	97.7	97.8	97.8	98.2	98.8	100.0
≥ 0		71.9	76.9	83.8	87.0	87.6	91.6	93.8	95.	97.2	97.7	97.8	97.8	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

OL RAF CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5[illegible] (STATION) | [illegible]ILDENHALL RAF [illegible]K (STATION NAME) | 4-8[illegible] (YEARS) | N[illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6.1)	≥3 (GE4.8)	≥2½ (GE4)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1 (GE2)	≥1 (GE1.6)	≥¾ (GE1)	≥½ (GE0.8)	≥½ (GE0.8)	≥5/16 (GE0.5)	≥¼ (GE0.4)	≥0 (GE[illegible])
NO CEILING		[illegible].1	30.[illegible]	33.1	34.3	34.8	35.3	35.9	36.	36.3	36.4	36.4	36.6	36.6	36.7	37.1
≥ 20000		71.[illegible]	33.7	36.8	38.1	38.7	39.6	40.2	4[illegible].3	4[illegible].7	4[illegible].8	4[illegible].8	4[illegible].9	4[illegible].9	41.	41.4
≥ 18000		71.	33.[illegible]	36.8	38.1	38.7	39.6	40.2	40.3	40.7	4[illegible].8	4[illegible].8	4[illegible].9	4[illegible].9	41.	41.4
≥ 16000		71.	33.7	36.8	38.	38.7	39.6	40.2	40.3	40.7	40.8	40.8	40.9	40.9	41.	41.4
≥ 14000		71.	33.7	36.8	38.1	38.7	39.6	4[illegible].2	4[illegible].3	40.7	40.8	40.8	40.9	40.9	41.0	41.4
≥ 12000		71.	33.7	36.8	38.1	38.7	39.6	4[illegible].2	4[illegible].3	40.7	40.8	4[illegible].8	4[illegible].9	40.9	41.0	41.4
≥ 10000		33.	35.4	38.8	40.1	40.8	41.7	42.3	42.4	42.8	42.9	42.9	43.[illegible]	43.[illegible]	43.1	43.6
≥ 9000		3[illegible].1	[illegible]6.0	39.3	40.7	41.3	42.2	42.9	43.0	43.3	43.4	43.4	43.6	43.6	43.7	44.1
≥ 8000		[illegible].2	4[illegible].2	43.9	45.2	45.9	46.9	47.6	48.0	48.3	48.6	48.6	48.7	48.7	48.9	49.3
≥ 7000		[illegible].	41.4	45.1	46.4	47.1	48.1	48.8	49.2	49.6	49.8	49.8	49.9	49.9	50.1	50.6
≥ 6000		[illegible].1	41.6	45.3	46.7	47.3	48.3	49.	49.4	49.8	5[illegible].0	5[illegible].2	50.1	50.1	50.3	50.8
≥ 5000		[illegible].3	43.1	47.1	48.4	49.1	50.1	51.	51.4	51.8	52.	52.[illegible]	52.1	52.1	52.3	52.8
≥ 4500		45.[illegible]	[illegible].0	53.3	54.8	55.4	56.4	57.3	57.8	58.2	58.4	58.4	58.6	58.6	58.8	59.2
≥ 4000		1.6	55.1	59.8	61.4	62.2	3.6	64.4	64.9	65.4	65.7	65.7	65.8	65.9	66.2	66.8
≥ 3500		5[illegible].2	6[illegible].1	65.3	67.1	68.[illegible]	69.6	7[illegible].4	7[illegible].9	71.4	71.7	71.7	71.8	71.9	72.2	72.8
≥ 3000		8.3	64.4	69.8	71.6	72.4	74.	74.9	75.6	76.1	76.3	76.4	76.6	76.7	7[illegible].0	77.6
≥ 2500		3.1	67.9	73.4	75.2	76.1	77.7	78.8	79.6	8[illegible].1	8[illegible].3	8[illegible].4	8[illegible].6	8[illegible].7	81.[illegible]	81.6
≥ 2000		6.	71.3	7[illegible].1	79.9	80.8	82.4	8[illegible].8	84.6	85.1	85.3	85.4	65.6	85.7	86.	86.6
≥ 1800		6.4	71.4	78.6	8[illegible].7	81.6	83.2	4.6	85.3	85.9	96.1	86.2	86.3	86.4	86.8	87.3
≥ 1500		67.[illegible]	7[illegible].9	8[illegible].4	82.6	83.4	85.1	86.6	87.3	87.9	8[illegible].1	98.2	88.3	88.4	88.8	89.3
≥ 1200		5[illegible].8	74.1	32.	84.1	85.[illegible]	86.7	88.1	88.9	89.7	89.9	9[illegible].0	9[illegible].1	90.2	90.6	91.1
≥ 1000		6[illegible].4	74.9	83.1	85.4	86.3	88.3	89.8	9[illegible].7	91.4	91.8	91.9	92.[illegible]	92.1	92.4	93.[illegible]
≥ 900		6[illegible].	75.0	83.6	85.9	86.8	88.8	90.3	91.2	92.	92.3	92.4	92.6	92.7	93.[illegible]	93.6
≥ 800		6[illegible].6	75.	84.	86.6	87.4	8[illegible].6	91.1	92.0	92.9	93.2	93.3	93.4	93.6	93.9	94.4
≥ 700		6[illegible].7	75.1	84.3	86.9	87.8	9[illegible].3	91.9	93.8	93.7	[illegible].4.0	94.1	94.2	94.3	94.7	95.2
≥ 600		6[illegible].8	75.2	84.6	87.1	88.	9[illegible].6	92.3	93.2	94.1	94.4	94.6	9[illegible].7	94.8	95.1	95.7
≥ 500		6[illegible].8	75.2	84.8	87.3	88.2	9[illegible].8	92.9	94.2	95.1	95.4	95.6	95.7	95.8	96.1	96.7
≥ 400		6[illegible].8	75.2	84.9	87.4	88.3	90.9	93.0	94.3	95.3	95.7	95.8	95.9	96.	96.3	96.9
≥ 300		6[illegible].8	75.2	84.9	87.4	88.3	91.3	93.9	95.2	96.2	96.6	96.9	97.1	97.2	97.6	98.1
≥ 200		6[illegible].8	75.2	84.9	87.4	88.3	91.3	93.9	95.4	96.6	[illegible].6.9	97.3	97.6	97.7	98.1	98.7
≥ 100		6[illegible].8	75.2	84.9	87.4	88.3	91.3	93.9	95.4	96.7	97.	97.4	97.8	97.[illegible]	98.7	99.7
≥ 0		6[illegible].8	75.2	84.9	87.4	88.3	91.3	93.9	95.4	96.7	97.[illegible]	97.4	97.8	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	[illegible]4-87	NOV

HOURS (LST) [illegible]0-23[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS)															
	≥10 (16)	≥6 (9)	≥5 (8)	≥4 (6.4)	≥3 (4.9)	≥2 (3.2)	≥2 (3.2)	≥1½ (2.4)	≥1½ (2.4)	≥1 (1.6)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥½ (0.8)	≥5/16 (0.5)	≥¼ (0.4)	≥0 (0)
NO CEILING	[illegible]	[illegible].0	33.[illegible]	36.7	38.4	38.7	39.6	4[illegible].7	41.4	42.1	42.1	42.2	42.3	42.4	42.[illegible]	43.[illegible]
≥ 20000	[illegible]	33.	35.[illegible]	40.1	42.0	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.
≥ 18000	[illegible]	33.	3[illegible].7	4[illegible].1	42.0	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.[illegible]
≥ 16000	[illegible]	33.	35.7	4[illegible].1	42.[illegible]	4[illegible].2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.[illegible]
≥ 14000	[illegible]	33.	35.7	4[illegible].1	42.[illegible]	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.[illegible]
≥ 12000	[illegible]	33.	35.7	4[illegible].1	42.[illegible]	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	4[illegible].4	47.[illegible]
≥ 10000	[illegible]	[illegible].0	37.1	41.7	43.6	43.8	45.	46.2	47.	47.7	47.7	47.8	47.9	48.1	48.1	48.7
≥ 9000	[illegible]	[illegible].7	37.1	41.8	43.7	43.9	45.1	46.3	47.1	47.8	47.8	47.9	48.[illegible]	48.2	48.2	48.9
≥ 8000	[illegible]	[illegible]	4[illegible].3	45.1	47.	47.2	48.4	4[illegible].7	50.4	51.1	51.1	51.2	51.3	51.6	51.6	52.1
≥ 7000	[illegible]	[illegible].2	4[illegible].6	45.3	47.2	47.4	48.7	49.9	5[illegible].7	51.3	51.3	51.4	51.6	51.8	51.8	52.3
≥ 6000	[illegible]	[illegible].3	4[illegible].7	45.7	47.6	47.8	49.[illegible]	5[illegible].2	51.	51.7	51.7	51.8	5[illegible].9	52.1	52.1	52.7
≥ 5000	[illegible]	[illegible].2	42.[illegible]	48.0	49.9	50.1	51.3	52.7	53.4	54.1	54.1	54.2	54.3	54.6	54.6	55.1
≥ 4500		44.[illegible]	[illegible]7.2	53.7	55.7	55.9	57.3	58.7	59.4	60.1	[illegible].1	6[illegible].2	6[illegible].3	6[illegible].6	6[illegible].6	61.1
≥ 4000		4[illegible].6	53.3	59.4	61.4	62.0	[illegible]3.4	64.8	65.6	66.2	66.3	66.4	66.6	66.8	66.9	67.4
≥ 3500		[illegible]3.6	57.7	63.9	66.	[illegible]6.6	68.[illegible]	69.3	7[illegible].1	70.8	70.9	71.0	[illegible]1.1	71.3	71.4	72.[illegible]
≥ 3000		5[illegible].6	60.9	67.6	69.9	7[illegible].8	72.3	73.7	74.4	75.1	75.2	75.3	75.4	75.8	75.9	76.4
≥ 2500		5[illegible].7	65.1	72.3	74.7	75.6	77.1	78.4	79.4	8[illegible].1	8[illegible].2	8[illegible].3	8[illegible].4	80.8	8[illegible].9	81.4
≥ 2000		[illegible].6	68.1	6.0	73.4	79.3	80.9	82.6	83.7	84.3	84.4	84.6	84.7	85.	85.1	85.7
≥ 1800		[illegible]	68.3	76.2	73.7	79.6	81.1	82.[illegible]	84.0	84.7	84.8	84.9	85.0	85.3	85.4	86.[illegible]
≥ 1500		64.	7[illegible].6	78.7	81.1	82.	83.6	85.6	86.7	87.3	87.4	8[illegible].6	87.7	88.0	88.1	88.7
≥ 1200		[illegible]5.8	71.9	80.	82.4	83.3	85.	87.2	88.3	89.	89.1	89.2	89.3	89.7	89.8	90.3
≥ 1000		6.4	72.6	80.7	83.1	84.0	85.8	88.	89.1	89.8	89.9	9[illegible].0	9[illegible].1	9[illegible].4	9[illegible].6	91.2
≥ 900		6.4	7[illegible].6	1.1	83.6	84.4	86.3	88.6	89.7	90.3	9[illegible].4	9[illegible].6	9[illegible].7	91.[illegible]	91.1	91.8
≥ 800		66.	73.	81.6	84.[illegible]	85.0	87.2	8[illegible].6	90.7	91.4	91.6	91.7	91.8	92.1	92.2	92.9
≥ 700		66.[illegible]	73.	81.6	84.2	85.2	87.9	9[illegible].2	91.3	92.1	92.2	92.3	92.4	92.8	92.9	93.6
≥ 600		66.	73.	81.6	84.3	85.4	88.1	9[illegible].7	91.9	92.7	92.8	92.9	93.0	93.3	93.4	94.1
≥ 500		6[illegible].1	73.2	81.8	84.6	85.8	88.6	91.4	93.	93.9	94.	94.1	94.2	94.6	94.7	95.3
≥ 400		6[illegible].1	73.3	81.[illegible]	84.7	85.9	88.7	91.6	93.1	94.1	94.2	94.3	94.4	94.8	94.9	95.6
≥ 300		6[illegible].1	73.3	81.9	84.7	85.9	89.0	92.1	93.9	95.0	95.1	95.2	95.4	95.8	96.[illegible]	97.0
≥ 200		6[illegible].1	73.3	81.9	84.7	85.9	89.[illegible]	92.1	93.9	95.2	95.4	95.6	95.8	96.2	96.6	97.9
≥ 100		6[illegible].1	73.3	81.9	84.7	85.9	89.	92.1	93.9	95.2	95.4	95.6	96.2	96.8	97.4	99.3
≥ 0		6[illegible].1	73.3	81.9	84.7	85.9	89.	92.1	93.9	95.2	95.4	95.6	96.2	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 910

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

CL AT CLIMATOLOGY BRANCH
ETAC
A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 15171 STATION NAME: ILDENHALL RAF K YEARS: 4-8? MONTH: NOV HOURS (LST): 3 4

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE 10	≥9 GE 9	≥8 GE 8	≥7 GE 7	≥6 GE 6	≥5 GE 5	≥4 GE 4	≥3 GE 3	≥2½ GE 2½	≥2 GE 2	≥1½ GE 1½	≥1 GE 1	≥¾ GE ¾	≥½ GE ½	≥5/16 GE 5/16	≥0 GE 0
NO CEILING		2 .6	26.7	29.4	3 .7	30.9	1.9	32.4	32.	33.2	33.3	33.3	33.4	33.5	33.8	34.3
≥ 20000		1 .9	31.2	34.5	35.8	36.1	37.2	37.9	38.4	38.8	8.9	39.0	39.0	39.2	39.5	40.0
≥ 18000		0.1	31.4	34.7	36.	36.3	37.4	38.1	38.6	39.	39.1	39.2	39.2	39.4	39.7	40.2
≥ 16000		0.1	31.4	34.7	36.0	36.3	37.4	38.1	38.6	39.	39.1	39.2	39.2	39.4	39.7	4 .2
≥ 14000		0.1	31.4	34.7	36.0	36.3	37.4	38.2	38.7	39.0	39.2	39.2	39.3	39.4	39.7	4 .2
≥ 12000		1 .3	31.5	34.3	36.	36.4	37.5	38.3	38.8	39.1	39.3	39.3	39.4	39.5	39.8	4 .3
≥ 10000		7 .4	33.3	36.3	33.7	38.5	39.7	4 .4	4 .9	41.3	41.4	41.5	41.5	41.7	42.0	42.5
≥ 9000		32.1	34.1	37.6	39.	39.4	4 .5	41.3	41.8	42.2	42.3	42.4	42.5	42.6	42.	43.4
≥ 8000		3 .7	38.3	42.1	43.6	44.0	45.2	46.	46.6	47.	47.2	47.2	47.3	47.4	47.8	48.3
≥ 7000		3 .7	9.4	43.3	44.9	45.2	46.4	47.2	47.8	48.2	48.4	48.4	48.5	48.7	49.	49.5
≥ 6000		3 .8	39.9	43.9	45.7	45.4	4 .8	47.4	48.0	48.4	48.6	48.7	48.7	48.9	49.2	49.7
≥ 5000		3 .7	41.5	45.9	47.4	47.9	49.1	5 .0	5 .6	51.1	51.3	51.4	51.4	51.6	51.9	52.4
≥ 4500		43.	45.8	3 .6	52.1	2.5	53.9	54.9	55.5	56.	56.2	56.3	56.3	56.	56.9	57.3
≥ 4000		4 .4	51.7	57.0	58.4	59.1	6 .7	61.8	62.4	63.	63.3	63.3	63.4	63.6	63.9	64.5
≥ 3500		3.3	55.3	61.7	63.5	64.0	65.7	66.8	67.5	68.1	68.4	68.4	68.5	68.7	69.	69.6
≥ 3000		5 .	60.1	66.3	68.3	68.9	70.6	71.9	72.6	73.3	73.6	73.7	73.7	73.9	74.3	74.8
≥ 2500		5 .8	63.	69.7	71.7	7 .3	74.2	75.7	76.4	77.2	77.5	77.5	77.6	77.8	78.2	78.7
≥ 2000		2.5	65.9	73.5	75.7	76.4	78.4	9 .1	8 .8	81.7	81.	82.0	82.1	82.3	82.7	83.2
≥ 1800		2.7	66.2	73.8	76.1	76.8	78.9	8 .5	81.3	82.1	82.5	82.5	82.6	8 .8	83.2	3.7
≥ 1500		4.6	68.2	76.3	78.9	79.6	81.8	83.5	84.3	85.2	85.5	85.6	85.7	85.9	86.2	86.8
≥ 1200		6.0	69.9	7 .4	81.1	81.8	84.2	86.0	86.8	87.8	88.2	88.3	88.4	88.6	88.9	89.5
≥ 1000		6.6	7 .7	79.6	82.3	83.1	85.6	7.5	88.5	89.5	89.9	90.0	90.1	90.3	9 .6	91.2
≥ 900		6.7	7 .8	79.9	82.7	83.5	86.1	38.1	89.	90.0	90.4	90.5	90.6	90.8	91.1	91.7
≥ 800		66.9	71.2	8 .5	83.4	84.3	87.1	89.1	9 .1	91.2	91.6	91.7	91.8	92.0	92.4	92.9
≥ 700		6 .1	71.3	80.7	83.7	84.6	87.7	89.9	9 .9	92.1	92.4	92.5	92.6	92.8	93.2	93.8
≥ 600		6 .	71.3	80.3	84.0	84.8	88.1	90.4	91.4	92.5	92.9	93.1	93.1	93.3	93.7	94.3
≥ 500		6 .1	71.4	81.	84.1	85.0	89.4	91.0	92.3	93.5	93.9	94.0	94.2	94.4	94.8	95.3
≥ 400		6 .1	71.4	81.	84.2	95.1	83.6	91.2	92.5	94.0	94.4	94.5	94.7	94.9	95.3	95.8
≥ 300		6 .1	71.4	81.1	84.2	95.1	88.7	91.6	93.	94.7	95.1	95.3	95.6	96.0	96.5	97.3
≥ 200		6 .1	71.4	81.1	84.2	95.2	88.7	91.6	93.1	94.9	95.4	95.7	95.9	96.5	97.1	98.
≥ 100		6 .1	71.4	81.1	84.2	95.2	88.7	91.6	93.1	94.9	95.4	95.7	96.1	96.8	97.7	99.6
≥ 0		6 .1	71.4	81.1	84.	95.2	88.7	91.6	93.1	94.9	95.4	95.7	96.1	96.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GL PAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 7 | STATION NAME: ILDENHALL RAF K | YEARS: 1-8 | MONTH: D C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 000-2 00

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE10	≥9 GE9	≥8 GE8	≥6 GE6	≥4 GE4	≥3 GE3	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0	≥0 GE0	≥0 GE0	≥0 GE0
NO CEILING		23.	25.1	27.2	29.9	3 .	32.4	33.7	34.1	34.2	34.3	34.3	34.4	34.6	34.6	35.4
≥ 20000		27.	27.3	31.8	32.6	32.7	35.1	36.3	36.8	36.9	37.	37.0	37.1	37.3	37.3	38.1
≥ 8000		2 .0	27.3	31.	32.7	32.8	35.2	36.5	36.9	37.0	37.1	37.1	37.2	37.4	37.4	38.2
≥ 6000		2 .	27.3	31.9	32.7	3 .8	35.2	36.5	36.9	37.0	37.1	37.1	37.2	37.4	37.4	38.2
≥ 4000		2 .1	27.4	32.	32.8	32.9	35.3	36.6	37.	37.1	37.2	37.2	37.3	37.5	37.5	38.3
≥ 2000		2 .1	27.4	32.	32.8	32.9	35.3	36.6	37.	37.1	37.2	37.2	37.3	37.5	37.5	38.3
≥ 10000		2 .6	27.8	32.6	33.3	33.4	35.8	37.1	37.5	37.6	37.7	37.7	37.8	38.1	38.1	38.8
≥ 9000		2 .1	3.3	34.0	34.7	34.8	37.2	38.5	38.9	39.0	39.1	39.1	39.2	39.5	39.5	4 .2
≥ 8000		.	32.4	37.1	37.8	38.	40.8	42.0	42.6	42.8	42.9	42.9	43.0	43.2	43.3	44.1
≥ 7000		31.	33.1	37.8	33.6	38.7	41.9	42.9	43.4	4 .7	43.8	43.8	43.9	44.1	44.2	44.9
≥ 6000		33.	33.2	33.	33.7	38.8	41.6	42.	43.5	43.8	43.9	43.9	44.	44.2	44.3	45.1
≥ 5000		33.4	34.	40.2	41.0	41.1	44.3	45.7	46.2	46.5	46.6	46.6	46.7	47.	47.1	47.8
≥ 4500		3 .	37.8	43.7	44.5	44.8	48.3	49.7	50.2	50.4	5 .5	5 .5	5 .6	51.	51.1	51.8
≥ 4000		4 .	42.2	43.4	5 .4	50.3	54.2	55.6	56.2	56.5	56.6	56.6	56.7	57.0	57.1	57.8
≥ 3500		4.3	45.9	52.8	54.5	54.8	58.7	6 .1	6 .9	61.1	61.2	61.2	61.3	61.6	61.7	62.7
≥ 3000		4 .4	51.	58.4	6 .1	60.4	64.3	65.9	66.9	67.3	67.4	67.4	67.5	67.8	68.0	68.9
≥ 2500		1.	53.4	61.1	63.1	63.4	67.3	69.4	7 .3	70.8	7 .9	7 .9	71.	71.3	71.4	72.4
≥ 2000		5 .2	5 .0	66.5	63.6	68.9	72.9	74.9	76.0	76.5	76.6	76.6	76.7	77.	77.1	78.1
≥ 1800		5 .3	53.2	66.7	68.8	69.1	73.1	75.2	76.2	76.7	76.8	76.8	76.9	77.2	77.3	78.3
≥ 1500		5 .5	61.9	71.	73.3	73.9	79.1	8 .	81.2	81.6	81.7	81.7	81.8	82.2	82.3	83.2
≥ 1200		. .8	63.2	72.9	75.5	76.	82.2	82.3	83.3	83.8	83.9	83.9	84.0	84.3	84.4	85.4
≥ 1000		1.6	64.2	74.5	77.5	78.1	82.5	84.5	85.6	86.	86.1	86.1	86.2	86.6	86.7	87.6
≥ 900		61.	64.7	75.3	78.5	79.0	83.4	35.6	86.7	87.1	87.2	87.2	87.3	87.6	87.7	88.7
≥ 800		2.4	65.3	76.1	79.1	79.9	84.3	86.6	87.6	88.1	88.2	88.2	88.3	88.6	88.7	89.7
≥ 700		2.5	65.4	76.5	8 .7	80.5	85.2	7.6	88.7	89.4	89.5	89.5	89.6	89.9	90.0	91.0
≥ 600		2.5	65.4	76.9	8 .5	81.2	86.3	89.	90.1	90.9	91.7	9 .0	91.1	91.4	91.5	92.5
≥ 500		2.5	65.4	76.9	80.9	81.5	87.	9 .0	91.1	91.8	91.9	91.9	92.	92.4	92.5	93.4
≥ 400		2.	65.5	77.1	81.1	81.7	87.2	90.4	91.5	92.3	92.4	92.4	92.5	92.8	92.9	93.9
≥ 300		2.7	65.6	77.	81.1	81.7	87.2	90.5	91.6	92.4	92.5	92.5	92.6	93.1	93.2	94.3
≥ 200		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.4	93.5	93.5	94.0	95.1	95.4	97.2
≥ 100		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.5	93.7	93.9	94.4	95.8	97.0	99.5
≥ 0		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.5	93.7	93.9	94.4	95.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: ILDENHALL RAF UK | YEARS: [illegible]-80 | MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 00-0500

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING	[illegible]	[illegible]	26.3	29.7	[illegible]	[illegible]	32.7	33.3	34.3	34.4	34.5	34.5	34.6	34.7	34.8	35.1
≥ 20000	[illegible]	[illegible]	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 18000	[illegible]	[illegible]	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 16000	[illegible]	[illegible]	28.3	32.0	33.2	33.2	[illegible]	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 14000	[illegible]	[illegible]	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 12000	[illegible]	[illegible]	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 10000	[illegible]	[illegible]	29.7	32.5	33.7	33.7	35.9	36.6	37.5	37.6	37.8	37.8	38.[illegible]	38.1	38.2	38.4
≥ 9000	[illegible]	[illegible]	29.1	32.[illegible]	34.1	34.1	36.3	37.0	38.0	38.1	38.3	38.3	38.4	38.5	38.6	38.8
≥ 8000	[illegible]	[illegible]	31.5	35.4	36.9	36.9	39.4	40.0	41.1	41.2	41.4	41.4	41.5	41.6	41.7	42.[illegible]
≥ 7000	[illegible]	[illegible]	32.2	36.[illegible]	37.5	37.5	[illegible]	41.0	42.[illegible]	[illegible]	42.4	42.4	42.5	42.6	42.7	43.0
≥ 6000	[illegible]	1.1	32.3	36.1	37.6	37.6	[illegible]	41.1	42.2	42.3	42.5	42.5	42.6	42.7	42.8	43.1
≥ 5000	[illegible]	2.2	33.4	37.3	38.9	38.9	41.6	42.7	43.9	44.[illegible]	44.2	44.2	44.3	44.4	44.5	44.8
≥ 4500	[illegible]	[illegible]	[illegible]	41.2	42.9	42.8	45.5	46.6	47.7	47.8	48.1	48.1	48.2	48.3	48.4	48.7
≥ 4000	[illegible]	[illegible]	40.5	45.7	47.4	47.4	50.6	51.9	53.1	53.2	53.4	53.4	53.7	53.8	54.[illegible]	54.3
≥ 3500	[illegible]	2.[illegible]	43.7	49.6	51.5	51.5	55.2	56.5	57.8	58.0	58.2	[illegible]	58.4	58.5	58.7	59.1
≥ 3000	[illegible]	[illegible]	49.1	55.6	57.5	57.5	61.4	63.1	64.5	64.7	64.9	64.9	65.2	65.3	65.5	65.9
≥ 2500	[illegible]	1.0	52.9	59.4	61.5	61.6	65.5	67.6	69.[illegible]	69.2	69.5	69.5	69.7	69.8	70.0	70.4
≥ 2000	[illegible]	55.[illegible]	[illegible]	65.4	67.5	67.6	71.7	73.9	75.3	75.5	75.7	75.7	75.9	76.[illegible]	76.2	76.7
≥ 1800	[illegible]	[illegible]	58.5	65.8	68.[illegible]	68.1	72.2	74.3	75.7	75.9	76.1	76.1	76.3	76.5	76.7	77.1
≥ 1500	[illegible]	[illegible]	62.2	[illegible]	72.8	72.9	77.[illegible]	79.1	[illegible]	81.0	81.2	81.2	81.4	81.5	81.7	82.2
≥ 1200	[illegible]	2.3	64.8	73.9	76.3	76.5	[illegible]	82.7	84.3	84.5	84.7	84.7	84.9	85.1	85.3	85.7
≥ 1000	[illegible]	[illegible]	65.9	75.8	78.6	78.7	82.9	85.2	86.8	87.[illegible]	87.2	87.2	87.4	87.5	87.7	88.2
≥ 900	[illegible]	[illegible]	66.0	76.1	79.9	79.0	83.2	85.5	87.1	87.3	87.5	87.5	87.7	87.8	88.1	88.5
≥ 800	[illegible]	3.1	66.2	76.9	79.7	79.8	84.0	[illegible]6.2	87.8	88.1	88.3	88.3	88.5	88.6	88.8	89.2
≥ 700	[illegible]	3.1	66.2	77.3	[illegible]	[illegible]	84.7	87.2	88.8	89.[illegible]	89.6	89.6	89.8	89.9	90.1	90.5
≥ 600	[illegible]	[illegible]3.1	66.2	77.5	[illegible]	80.9	85.9	88.6	[illegible]	90.9	91.1	91.1	91.3	91.4	91.6	92.0
≥ 500	[illegible]	3.2	66.5	77.7	81.1	81.2	86.7	89.5	91.1	91.7	91.9	91.9	92.2	92.3	92.5	92.9
≥ 400	[illegible]	3.[illegible]	66.6	78.0	81.3	81.4	86.9	90.0	91.6	92.5	92.7	92.7	92.9	93.[illegible]	93.2	93.7
≥ 300	[illegible]	[illegible]3.3	66.6	78.[illegible]	81.4	81.6	87.1	90.6	92.4	93.7	93.9	94.1	94.5	94.6	94.9	95.4
≥ 200	[illegible]	3.3	66.6	78.[illegible]	81.4	81.6	87.3	91.[illegible]	92.7	94.5	94.8	95.3	95.7	96.3	96.9	97.7
≥ 100	[illegible]	3.3	66.6	78.[illegible]	81.4	81.6	87.3	91.[illegible]	92.7	94.7	95.1	95.5	95.9	97.1	98.2	99.7
≥ 0	[illegible]	[illegible]3.3	66.6	78.0	81.4	81.6	87.3	91.[illegible]	92.7	94.7	95.1	95.5	95.9	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
/ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
15 7	ILDENHALL RAF K	3-82	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1 GE2	≥¾ GE1.6	≥½ GE1	≥⅜ GE0.8	≥⅜ GE0.9	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		22.	23.0	26.	2 .6	26.6	28.1	29.	29.4	29.9	3 .1	3 .2	3 .2	3 .3	30.5	30.9
≥ 20000		2 .1	25.5	28.6	29.1	29.1	30.6	31.6	31.9	32.6	32.8	32.9	32.9	33.	33.3	33.7
≥ 18000		2 .1	2 .5	28.6	29.1	29.1	30.6	31.6	31.9	32.6	32.8	32.9	32.9	33.	33.3	33.7
≥ 16000		2 .1	25.5	28.6	29.1	29.1	30.	31.6	31.9	32.6	32.8	32.9	32.9	33.0	33.3	33.7
≥ 14000		2 .1	25.5	28.6	29.1	29.1	3 .6	31.6	31.9	3 .6	32.8	32.9	32.9	33.0	33.3	33.7
≥ 12000		2 .6	26.3	29.1	29.7	29.7	31.3	32.3	32.6	33.2	33.4	33.5	33.5	33.7	34.0	34.3
≥ 10000		2 .5	26.9	30.0	30.6	30.6	32.4	33.3	33.7	34.4	34.6	34.7	34.7	34.8	35.2	35.5
≥ 9000		2 .3	27.	30.8	31.4	31.4	33.1	34.1	34.4	35.2	35.4	35.5	35.5	35.6	35.9	36.2
≥ 8000		2 .2	2 .4	32.9	33.5	33.5	3 .3	36.2	36.9	37.6	37.8	38.0	38.0	38.1	38.4	38.7
≥ 7000		.3	3 .3	34.	34.6	34.6	36.3	37.5	38.2	38.9	39.1	3 .2	39.2	39.4	39.7	40.0
≥ 6000		2.3	30.	34.	34.6	34.6	36.3	37.5	38.2	38.9	39.1	39.2	39.2	39.	39.7	40.0
≥ 5000		2.2	32.6	35.8	36.5	36.5	38.3	39.4	4 .	40.8	41.	41.1	41.1	41.2	41.5	41.8
≥ 4500		2 .2	4	41.4	42.2	42.2	44.0	45.3	45.9	46.7	46.9	47.	47.0	47.1	47.4	47.7
≥ 4000		2.2	43.2	47.6	48.4	48.	50.5	51.9	52.7	53.4	53.8	53.9	53.9	54.0	54.3	54.7
≥ 3500		45.	47.	51.5	52.3	2.3	54.7	56.2	57.	58.1	5 .4	58.6	58.6	58.7	59.0	59.5
≥ 3000		2.4	52.	57.4	58.2	58.2	6 .9	62.9	64.	64.9	65.3	65.5	65.5	65.6	65.9	66.3
≥ 2500		3.1	54.7	60.2	61.1	61.2	64.	66.1	67.4	68.4	68.8	69.	69.0	69.1	69.5	69.9
≥ 2000		5 .	59.2	5.4	66.1	66.3	69.2	71.7	73.0	74.0	74.4	74.6	74.6	74.8	75.2	75.6
≥ 1800		5 .3	6 .3	66.5	67.2	67.4	70.3	2.8	74.1	75.1	75.5	75.7	75.7	75.9	76.2	76.7
≥ 1500		1.7	64.	71.2	72.3	72.5	75.5	78.	79.2	80.3	80.8	81.0	81.0	81.2	81.5	81.9
≥ 1200		3.5	66.	74.8	76.3	76.6	79.7	82.2	83.4	84.5	84.9	85.2	85.2	85.	85.7	86.1
≥ 1000		5.2	67.6	77.1	78.6	78.8	81.9	84.5	85.8	87.	87.4	87.6	87.6	87.8	88.2	88.6
≥ 900		5.4	68.0	7.4	78.9	79.1	82.7	85.3	86.6	87.7	88.2	88.4	88.4	88.6	88.9	89.4
≥ 800		5.6	69.2	77.7	79.4	79.6	83.1	5.8	87.1	88.3	88.7	88.9	88.9	89.1	89.5	89.9
≥ 700		55.4	68.7	78.8	8 .4	80.6	84.3	87.1	88.4	89.7	90.1	90.3	90.3	90.5	90.9	91.3
≥ 600		65.3	68.7	79.1	81.2	81.4	85.3	88.1	89.5	9 .9	91.3	91.5	91.5	91.7	92.0	92.5
≥ 500		55.5	68.7	79.2	81.3	81.6	85.5	88.4	89.9	91.3	91.7	91.9	91.9	92.2	92.5	92.9
≥ 400		65.	68.8	79.4	81.4	81.7	85.6	88.7	90.3	91.9	92.4	92.6	92.6	92.8	93.1	93.5
≥ 300		65.	68.8	79.4	81.4	81.7	85.8	89.4	91.1	93.0	93.5	93.8	93.8	94.2	94.5	94.9
≥ 200		65.	68.8	79.4	81.4	81.7	85.9	89.5	91.7	94.3	94.9	95.2	95.4	96.1	96.8	97.8
≥ 100		65.	68.8	79.4	81.4	81.7	85.9	89.5	91.7	94.3	94.9	95.2	95.6	96.9	98.0	99.7
≥ 0		65.9	68.8	79.4	81.4	81.7	85.9	89.5	91.7	94.3	94.9	95.2	95.6	96.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75 71 — STATION
ILDENHALL RAF K — STATION NAME
7-8 — YEARS
D C — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-130 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1.0)	≥⅜ (≥0.8)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (≥0)
NO CEILING		1 .9	19.7	21.	21.9	22.2	23.4	24.4	24.5	24.7	24.7	24.7	24.8	24.8	5.1	25.5
≥ 20000		2 .2	24.3	26.0	27.7	27.2	28.5	29.5	29.6	29.8	29.8	29.8	29.9	29.9	3 .1	3[illegible].5
≥ 18000		2 .4	24.	26.3	27.3	27.5	28.8	29.8	29.9	30.1	3 .1	3[illegible].1	3[illegible].2	3[illegible].2	3 .4	3[illegible].9
≥ 16000		2 .4	24.6	26.3	27.3	7.5	29.8	2[illegible].8	29.9	30.1	30.1	3[illegible].1	30.2	30.2	3[illegible].4	3[illegible].9
≥ 14000		23.	24.7	26.5	27.4	27.6	28.9	29.9	3 .	30.2	30.2	30.2	30.3	30.3	30.5	31.0
≥ 12000		2 .1	25.3	27.	28.7	28.2	29.5	3 .4	3 .5	3[illegible].8	3[illegible].8	3[illegible].8	3 .9	30.9	31.1	31.5
≥ 10000		2 .5	26.7	28.8	29.8	30.0	31.7	32.7	32.8	33.	33.[illegible]	33.0	33.1	33.1	33.3	33.8
≥ 9000		2 .0	27.4	2[illegible].4	30.3	30.6	32.5	33.4	33.5	33.8	33.8	33.8	33.9	33.9	34.1	34.5
≥ 8000		[illegible] .1	3 .5	32.8	33.9	34.2	36.2	37.3	37.4	37.8	37.8	37.8	38.0	38.0	38.2	38.6
≥ 7000		[illegible] .2	31.7	34.1	35.3	35.6	38.[illegible]	39.[illegible]	39.1	39.6	39.6	3 .6	39.7	39.7	39.9	40.3
≥ 6000		0.2	31.7	34.2	35.4	35.7	38.1	39.2	39.4	39.8	39.8	39.8	39.9	39.9	40.1	40.5
≥ 5000		31.4	32.	35.4	36.6	36.9	39.2	4[illegible].4	4[illegible].8	41.2	41.3	41.3	41.4	41.4	41.6	42.[illegible]
≥ 4500		3 .0	[illegible]8.1	41.2	42.6	43.0	45.6	46.9	47.3	47.7	47.8	48.	43.1	48.1	48.3	48.7
≥ 4000		2.3	44.4	48.	49.4	49.8	[illegible]2.6	54.0	54.4	55.3	55.5	55.6	55.7	55.7	56.1	56.7
≥ 3500		4 .2	48.5	52.	53.5	54.[illegible]	57.5	59.[illegible]	59.7	60.6	60.[illegible]	61.0	61.1	61.1	61.5	62.[illegible]
≥ 3000		0.4	53.2	57.2	58.7	59.1	62.7	64.8	65.8	67.2	67.4	67.6	67.7	67.7	68.2	68.7
≥ 2500		3.4	56.3	60.5	62.7	62.5	66.1	68.7	69.7	71.2	71.4	71.6	71.7	71.7	72.2	72.7
≥ 2000		5 .	61.4	66.5	68.3	68.8	72.6	75.3	76.5	76.1	78.4	78.6	78.7	78.8	79.2	79.8
≥ 1800		5 .9	63.1	68.3	7 .2	70.8	74.[illegible]	77.3	78.5	83.1	80.4	80.6	80.8	80.9	81.3	81.8
≥ 1500		1.3	64.5	7 .0	72.2	72.7	76.8	79.5	8 .6	82.3	82.6	82.8	82.9	83.0	83.4	84.[illegible]
≥ 1200		2.0	65.5	71.5	74.2	74.7	78.8	81.5	82.7	84.3	84.6	84.8	84.9	85.1	85.5	86.[illegible]
≥ 1000		62.[illegible]	66.8	73.1	76.2	76.8	81.1	83.9	85.2	86.9	87.2	87.4	87.5	87.6	88.1	88.6
≥ 900		3.	67.1	3.4	76.8	77.3	81.7	84.9	86.3	88.2	88.5	88.7	88.8	88.9	89.4	89.9
≥ 800		3.5	67.4	73.8	77.[illegible]	77.6	82.2	85.4	86.8	88.7	89.0	89.2	89.4	89.5	89.9	9[illegible].4
≥ 700		4.	67.8	74.3	77.6	78.3	83.1	86.7	88.	90.1	90.4	90.6	90.8	90.9	91.3	91.8
≥ 600		4.2	68.1	74.7	78.1	78.7	83.9	87.5	89.	91.[illegible]	91.3	91.5	9 .6	91.7	92.2	92.7
≥ 500		4.2	68.1	74.8	78.3	78.9	84.2	88.4	89.9	91.9	92.3	92.5	92.6	92.7	93.1	93.8
≥ 400		4.[illegible]	68.1	74.8	78.3	78.9	84.2	88.7	90.2	92.6	92.9	93.1	93.2	93.3	93.9	94.5
≥ 300		4.2	68.1	74.8	78.3	78.9	84.3	88.9	90.5	94.0	94.4	94.6	94.7	95.1	95.9	96.6
≥ 200		4.2	68.1	74.8	78.3	78.9	84.3	88.9	90.5	94.0	94.4	94.7	94.9	95.9	97.0	98.3
≥ 100		94.2	68.1	74.8	78.3	78.9	84.3	88.9	9 .5	94.[illegible]	94.4	94.8	95.1	96.2	98.[illegible]	99.9
≥ 0		94.2	69.1	74.8	78.3	78.9	84.3	88.9	9 .5	94.3	94.4	94.8	95.1	96.2	98.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

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

CEILING VERSUS VISIBILITY

[illegible] (STATION) [illegible]ILDENHALL RAF [illegible]K (STATION NAME) [illegible]3-9[illegible] (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1[illegible]0-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE48)	≥2½ (GE4)	≥2 (GE3.2)	≥1½ (GE24)	≥1¼ (GE2)	≥1 (GE16)	≥¾ (GE1)	≥5/8 (GE10)	≥½ (GE08)	≥3/8 (GE[illegible]5)	≥¼ (GE[illegible]4)	≥0 (GE[illegible])
NO CEILING		21.[illegible]	22.4	23.5	24.5	24.7	25.4	26.[illegible]	26.5	26.7	26.7	26.8	26.8	26.[illegible]	26.8	26.9
≥ 20000		[illegible].3	28.2	29.8	30.8	31.0	31.7	32.5	33.[illegible]	33.3	33.5	33.9	33.9	33.9	33.9	34.[illegible]
≥ 18000		[illegible].8	29.[illegible]	30.3	31.3	31.5	32.3	33.0	33.5	33.9	34.1	34.4	34.4	34.4	34.4	34.5
≥ 16000		[illegible].8	29.7	[illegible].3	31.3	31.5	32.3	33.0	33.5	33.9	34.1	34.4	34.4	34.4	34.4	34.5
≥ 14000		[illegible].3	29.9	[illegible].5	31.5	31.7	32.5	33.2	33.8	34.1	34.3	34.6	34.6	34.6	34.6	34.7
≥ 12000		[illegible].6	29.5	31.1	32.[illegible]	32.3	33.[illegible]	33.8	34.3	34.6	34.8	35.2	35.2	35.2	35.2	35.3
≥ 10000		30.2	31.[illegible]	33.2	34.2	34.4	35.2	35.9	36.5	36.8	37.[illegible]	37.3	37.3	37.3	37.3	37.4
≥ 9000		30.[illegible]	32.3	33.[illegible]	34.8	35.1	35.8	36.6	37.1	37.4	37.6	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]	38.1
≥ 8000		32.5	33.[illegible]	35.5	36.5	36.7	37.4	3[illegible].3	38.8	39.1	39.4	39.7	39.7	39.7	39.7	39.8
≥ 7000		33.[illegible]	35.3	36.9	38.[illegible]	38.2	39.[illegible]	39.9	4[illegible].4	40.8	41.0	41.3	41.3	41.3	41.3	41.4
≥ 6000		33.[illegible]	35.4	37.[illegible]	38.1	38.3	39.1	4[illegible].1	4[illegible].6	41.[illegible]	41.2	41.5	41.5	41.[illegible]	41.5	41.6
≥ 5000		34.[illegible]	36.6	38.6	39.8	40.0	40.9	41.9	42.9	43.3	43.5	43.9	43.9	43.9	43.9	44.[illegible]
≥ 4500		[illegible].1	[illegible].9	42.4	43.5	43.8	44.7	45.9	46.9	47.8	48.1	48.5	48.5	48.5	48.5	48.6
≥ 4000		43.[illegible]	45.6	48.7	5[illegible].1	[illegible]0.3	51.4	52.6	53.5	54.6	54.9	55.4	55.4	55.4	55.4	55.6
≥ 3500		4[illegible].7	49.6	52.9	54.6	54.9	56.3	58.[illegible]	59.[illegible]	60.3	[illegible].6	61.1	61.1	61.1	61.1	61.3
≥ 3000		52.[illegible]	55.1	59.[illegible]	61.4	61.7	63.1	64.9	66.[illegible]	67.3	67.6	68.2	68.[illegible]	68.2	69.2	68.4
≥ 2500		[illegible]5.3	57.7	62.2	64.9	65.3	67.[illegible]	68.8	69.9	71.5	71.6	72.5	72.5	72.5	72.5	72.7
≥ 2000		5[illegible].9	62.4	6[illegible].5	71.7	72.2	74.1	76.1	77.4	79.4	79.7	8[illegible].3	8[illegible].3	8[illegible].3	8[illegible].3	8[illegible].5
≥ 1800		[illegible].	63.5	69.7	73.1	73.5	75.5	77.7	79.[illegible]	81.0	81.3	81.9	81.9	81.9	81.9	82.2
≥ 1500		[illegible]2.3	65.5	71.8	75.3	75.8	78.1	8[illegible].4	81.7	8[illegible].7	84.0	84.6	84.6	84.6	84.6	84.8
≥ 1200		[illegible]4.5	67.2	74.1	77.7	78.3	8[illegible].6	8[illegible].3	84.6	86.6	86.9	87.5	87.5	87.5	87.5	87.7
≥ 1000		[illegible]5.3	68.2	75.1	78.7	79.2	81.7	84.7	86.[illegible]	88.2	88.5	89.1	89.1	89.1	89.1	89.4
≥ 900		[illegible]5.4	68.3	[illegible]5.6	79.4	79.9	82.8	85.7	87.[illegible]	89.1	89.5	9[illegible].1	9[illegible].1	9[illegible].1	9[illegible].1	90.3
≥ 800		[illegible]5.7	68.6	76.5	8[illegible].3	80.9	83.8	[illegible]7.0	88.3	90.4	90.8	91.4	91.4	91.4	91.4	91.6
≥ 700		[illegible]5.9	68.9	76.9	8[illegible].8	81.3	84.3	87.5	88.8	91.0	91.3	91.9	91.9	91.9	91.9	92.2
≥ 600		6.0	69.1	77.3	81.3	81.8	84.9	88.2	89.9	92.[illegible]	92.4	93.[illegible]	93.0	93.0	93.0	93.2
≥ 500		[illegible]6.0	69.1	77.3	81.4	81.9	85.2	88.6	9[illegible].3	93.1	93.4	94.1	94.1	94.1	94.1	94.3
≥ 400		6.[illegible]	69.2	77.4	81.5	82.0	85.6	89.5	91.4	94.4	94.7	95.5	95.6	95.6	95.6	95.8
≥ 300		[illegible]6.[illegible]	69.2	77.4	81.5	82.0	85.6	89.5	91.5	95.2	95.6	96.8	97.0	97.1	97.2	97.5
≥ 200		[illegible]6.	69.2	77.4	81.5	82.[illegible]	85.6	89.5	91.5	95.3	95.9	97.1	97.4	97.5	97.8	99.0
≥ 100		[illegible]6.0	69.2	77.4	81.5	82.[illegible]	85.6	89.5	91.5	95.3	95.9	97.1	97.6	98.0	98.4	99.8
≥ 0		[illegible]6.0	69.2	77.4	81.5	82.0	85.6	89.5	91.5	95.3	95.9	97.1	97.6	98.[illegible]	98.4	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
STAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: ILDENHALL RAF [illegible] YEARS: [illegible] MONTH: D C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): [illegible]-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (15)	≥6 (9)	≥5 (8)	≥4 (6)	≥3 (4.8)	≥2½ (4)	≥2 (3.2)	≥1½ (2.4)	≥1 (2)	≥1 (1.6)	≥¾ (1.2)	≥½ (1.0)	≥5/16 (0.8)	≥¼ (0.4)	≥0 (0)
NO CEILING		21.4	21.	24.9	25.4	25.5	26.8	27.	27.2	27.5	27.6	27.7	27.8	28.0	28.0	28.0
≥ 20000		25.[illegible]	26.7	30.3	30.3	31.0	32.3	32.9	33.	33.8	33.9	34.	34.1	34.2	34.2	34.2
≥ 18000		25.	[illegible]	30.4	31.0	31.1	32.4	32.[illegible]	33.1	33.9	34.	34.1	34.2	34.3	34.3	34.3
≥ 16000		25.	26.9	30.4	31.	31.1	32.4	32.	33.1	33.9	34.0	34.1	34.2	34.3	34.3	34.3
≥ 14000		2[illegible]	27.7	30.6	31.7	31.3	32.6	33.1	33.3	34.1	34.2	34.3	34.4	34.5	34.5	34.5
≥ 12000		2[illegible].2	27.2	3[illegible].9	31.4	31.5	32.8	33.3	33.5	34.3	34.4	34.5	34.6	34.7	34.7	34.7
≥ 10000		2[illegible].3	2[illegible].9	32.3	32.3	32.9	34.2	34.8	35.3	36.	36.1	36.2	36.3	36.5	36.5	36.5
≥ 9000		2[illegible].6	[illegible].8	33.7	34.2	34.3	35.6	36.3	36.8	37.5	37.6	37.7	37.8	38.	38.7	38.[illegible]
≥ 8000		3[illegible].	31.3	35.8	36.6	36.7	38.3	39.0	3[illegible].5	40.2	40.3	40.4	40.5	40.6	4[illegible].6	40.6
≥ 7000		32.[illegible]	33.7	37.6	33.4	38.5	4[illegible].1	4[illegible].9	41.3	4[illegible].2	42.3	42.4	42.5	42.6	42.6	42.6
≥ 6000		32.1	33.7	37.6	39.4	38.5	4[illegible].1	4[illegible].9	41.3	42.2	42.3	42.4	42.5	4[illegible].6	42.6	42.6
≥ 5000		33.	34.7	39.6	40.4	40.5	42.2	43.1	43.7	44.6	44.7	44.8	44.9	45.1	45.1	45.1
≥ 4500		3[illegible].	39.7	44.6	45.6	45.7	47.3	48.5	49.0	50.2	5[illegible].4	5[illegible].5	5[illegible].6	5[illegible].8	5[illegible].9	5[illegible].8
≥ 4000		2.5	44.	49.2	5[illegible].3	5[illegible].4	52.0	53.4	54.0	55.2	55.4	55.5	55.6	55.7	55.7	55.7
≥ 3500		4[illegible].3	48.	53.7	54.7	54.9	56.7	58.3	58.8	60.0	60.2	60.3	60.4	60.5	60.5	60.5
≥ 3000		50.	52.8	59.8	61.2	61.5	63.4	65.4	65.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6
≥ 2500		3.1	55.3	62.6	64.1	64.4	66.6	69.6	69.1	7[illegible].3	70.5	7[illegible].6	7[illegible].8	7[illegible].9	7[illegible].9	7[illegible].9
≥ 2000		5[illegible].7	59.4	6[illegible].0	69.8	70.1	72.8	75.5	76.0	77.6	77.8	78.	78.1	78.2	78.2	78.2
≥ 1800		5[illegible].8	6[illegible].7	68.7	7[illegible].5	71.0	73.8	[illegible]6.5	77.0	78.6	78.8	78.9	79.0	79.1	79.1	79.1
≥ 1500		[illegible].3	63.4	72.8	74.9	75.5	78.6	81.6	82.2	8[illegible].9	84.1	84.3	84.4	84.5	84.5	84.5
≥ 1200		2.7	65.4	75.6	78.	78.5	81.7	84.9	85.5	87.2	87.4	87.6	87.7	87.8	87.8	87.8
≥ 1000		52.7	65.6	76.3	73.9	79.4	82.6	86.5	87.	88.7	88.9	89.1	89.2	89.4	89.4	89.4
≥ 900		3.2	6[illegible].9	76.9	79.4	79.9	83.3	87.2	87.8	89.7	89.9	9[illegible].1	9[illegible].2	9[illegible].3	9[illegible].3	9[illegible].3
≥ 800		3.4	66.2	77.5	8[illegible].1	80.6	84.5	[illegible]8.7	89.6	91.4	91.6	91.8	91.9	92.0	92.[illegible]	92.[illegible]
≥ 700		3.4	66.3	77.6	8[illegible].3	81.0	84.9	89.9	9[illegible].8	9[illegible].6	92.8	93.0	93.1	93.2	93.2	93.2
≥ 600		3.5	66.5	77.7	8[illegible].4	81.1	85.2	9[illegible].3	91.4	93.4	93.7	94.	94.1	94.2	94.2	94.2
≥ 500		53.9	66.7	78.0	81.0	81.6	85.8	91.	92.2	94.4	94.6	94.9	95.1	95.2	95.2	95.2
≥ 400		53.9	66.	78.0	81.0	81.7	85.9	91.5	92.9	95.2	95.5	95.8	96.1	96.2	96.2	96.2
≥ 300		53.9	66.7	78.1	81.	81.7	85.9	91.7	93.2	96.0	96.5	97.0	97.7	97.8	98.[illegible]	98.0
≥ 200		53.9	66.7	78.	81.0	81.7	85.9	91.7	93.4	96.2	96.7	97.2	98.0	98.3	98.4	99.5
≥ 100		53.8	66.7	78.	81.1	81.7	85.9	91.7	93.4	96.2	96.7	97.3	98.2	98.5	98.6	100.0
≥ 0		53.8	66.7	78.0	81.0	81.7	85.9	91.7	93.4	96.2	96.7	97.3	98.2	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75[illegible] [illegible]ILDENHALL RAF [illegible]K — STATION — STATION NAME

[illegible]7-8[illegible] — YEARS

D[illegible]C — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-2300 — HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE16	≥9 GE15	≥8 GE14	≥7 GE13	≥6 GE12	≥5 GE11	≥4 GE10	≥3 GE9	≥2½ GE8	≥2 GE7	≥1½ GE6	≥1 GE5	≥¾ GE4	≥5/16 GE3	≥½ GE2	≥0 GE1
NO CEILING		[illegible].3	23.3	29.5	29.6	29.6	3[illegible].8	31.4	32.[illegible]	32.3	32.5	32.5	32.7	32.7	3[illegible].9	33.4
≥ 20000		[illegible].6	27.0	32.4	33.4	33.4	34.7	35.5	36.1	36.3	36.6	36.6	36.8	36.8	37.[illegible]	37.6
≥ 18000		25.[illegible]	[illegible]7.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 16000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 14000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	3[illegible].7	36.7	36.9	36.9	37.1	37.7
≥ 12000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 10000		26.[illegible]	28.3	33.7	34.8	34.8	36.1	36.9	37.5	37.7	38.[illegible]	38.0	38.2	38.2	38.4	39.[illegible]
≥ 9000		2[illegible].4	[illegible].8	35.5	36.7	36.7	38.0	38.7	39.4	39.6	39.8	39.8	4[illegible].0	40.0	40.2	40.9
≥ 8000		3[illegible]	32.2	38.3	39.9	39.9	41.3	42.0	42.7	42.9	43.1	43.1	43.3	43.4	43.7	44.3
≥ 7000		1.4	32.[illegible]	39.1	4[illegible].8	40.8	42.2	42.9	43.5	43.8	44.0	44.0	44.2	44.3	44.5	45.2
≥ 6000		1.4	32.[illegible]	39.2	4[illegible].9	40.9	42.3	43.[illegible]	43.7	43.9	44.1	44.1	44.3	44.4	44.6	45.3
≥ 5000		3[illegible].2	35.6	42.6	44.2	44.2	45.6	46.8	47.5	47.7	48.[illegible]	48.[illegible]	48.2	48.3	48.5	49.1
≥ 4500		[illegible].1	39.[illegible]	46.9	48.9	48.9	50.5	51.8	52.6	52.8	53.[illegible]	53.[illegible]	53.2	53.3	53.5	54.2
≥ 4000		1.4	43.2	51.[illegible]	53.[illegible]	5[illegible].0	54.[illegible]	56.1	56.9	57.4	57.6	57.6	57.8	58.0	58.2	58.8
≥ 3500		4[illegible].1	49.[illegible]	56.1	58.4	58.4	6[illegible].2	61.5	62.3	62.8	[illegible].3.0	63.0	63.2	63.3	63.5	64.2
≥ 3000		0.2	52.[illegible]	61.1	63.4	63.7	65.6	67.1	67.8	68.5	68.7	68.8	69.0	69.1	[illegible]9.4	70.0
≥ 2500		3.0	55.3	64.7	67.3	67.5	69.7	71.4	72.2	72.8	73.[illegible]	73.1	73.3	73.4	73.7	74.3
≥ 2000		5[illegible]	60.1	70.3	73.4	73.7	75.9	77.6	78.4	79.[illegible]	79.2	79.4	79.6	79.7	79.9	8[illegible].5
≥ 1800		5[illegible].1	6[illegible].6	71.[illegible]	74.3	74.8	77.3	79.0	79.8	80.4	80.6	80.8	81.0	81.1	81.3	81.9
≥ 1500		1.3	64.[illegible]	75.1	78.4	78.9	81.4	83.2	84.0	84.6	84.8	84.9	85.3	85.4	85.6	86.2
≥ 1200		[illegible]	64.7	77.1	8[illegible].5	81.2	84.[illegible]	85.8	86.6	87.2	87.4	87.5	87.8	88.0	88.2	88.8
≥ 1000		2.3	64.9	77.4	81.1	81.7	84.6	86.5	87.2	88.[illegible]	88.2	88.3	88.6	88.7	88.9	89.6
≥ 900		62.[illegible]	65.6	78.4	82.2	82.8	85.9	88.0	88.7	89.5	89.8	89.9	9[illegible].2	90.3	90.5	91.2
≥ 800		62.[illegible]	65.7	78.8	8[illegible].9	83.5	87.2	89.4	90.6	91.4	91.7	91.8	92.2	92.3	92.5	93.1
≥ 700		3.2	66.2	79.5	83.7	84.4	88.2	90.3	91.[illegible]	92.5	92.8	92.9	93.3	93.4	93.7	94.3
≥ 600		3.2	66.2	79.5	83.7	84.4	88.5	9[illegible].6	91.9	92.8	93.1	93.2	93.7	93.8	94.0	94.6
≥ 500		3.2	66.2	79.5	83.9	84.6	88.7	91.4	92.7	93.7	94.2	94.3	94.7	94.8	95.1	95.7
≥ 400		3.2	66.2	79.5	83.9	84.7	88.9	91.6	92.9	93.9	94.4	94.5	94.9	95.1	95.3	95.9
≥ 300		3.2	66.2	79.5	8[illegible].9	84.7	89.0	91.9	93.2	94.2	95.1	95.2	95.8	95.9	96.1	96.8
≥ 200		3.2	66.2	79.5	83.9	84.7	89.1	92.0	9[illegible].3	94.5	95.4	95.5	96.1	96.3	96.8	98.7
≥ 100		[illegible]3.2	66.2	79.5	83.9	84.7	89.1	92.[illegible]	93.3	94.5	95.4	95.5	96.1	96.5	96.9	99.4
≥ 0		[illegible]3.2	66.2	79.5	83.9	84.7	89.1	92.[illegible]	93.3	94.5	95.4	95.5	96.1	96.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
5171	ILDENHALL RAF UK	1-82	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1 0-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE4.8)	≥2½ (GE4)	≥2 (GE3.2)	≥1½ (GE2.4)	≥1 (GE2)	≥¾ (GE1.6)	≥½ (GE1)	≥⅜ (GE0.10)	≥¼ (GE0.8)	≥3/16 (GE0.5)	≥⅛ (GE0.4)	≥0 (GE0)
NO CEILING		2 .2	25.5	30.2	31.2	31.5	32.8	33.5	33.7	34.1	34.3	34.3	34.7	34.9	35.5	36.7
≥ 20000		25.	27.1	32.0	33.0	33.4	34.7	35.5	35.6	36.	36.2	36.2	36.7	37.	37.5	38.7
≥ 18000		25.	27.3	32.2	33.1	33.5	34.8	35.6	35.7	36.1	36.3	36.3	36.8	37.1	37.6	38.8
≥ 16000		25.	27.3	32.2	33.1	33.5	34.8	35.6	35.7	36.1	36.3	36.3	36.8	37.1	37.6	38.8
≥ 14000		2 .	27.3	32.3	33.2	33.7	34.9	35.7	35.8	36.2	36.5	36.5	36.9	37.2	37.7	38.9
≥ 12000		2 .1	27.4	32.4	33.3	33.9	35.1	35.8	35.9	36.3	36.6	36.6	37.0	37.3	37.8	39.0
≥ 10000		26.4	28.1	33.0	34.1	34.5	35.8	36.6	36.7	37.1	37.3	37.3	37.7	38.1	38.6	39.8
≥ 9000		2 .	29.6	34.5	35.6	36.0	37.3	38.1	38.2	38.6	38.8	38.8	39.2	39.6	4 .1	41.3
≥ 8000		1.3	32.0	37.7	39.2	39.8	41.5	42.3	42.4	42.8	43.0	43.0	43.4	44.0	44.5	45.7
≥ 7000		31.	33.1	38.2	39.7	4 .2	41.9	42.7	42.8	4 .2	43.4	43.4	43.9	44.4	44.9	46.1
≥ 6000		31.9	33.2	38.3	39.8	4 .3	42.0	42.8	42.9	43.3	43.5	43.5	44.0	44.5	45.1	46.2
≥ 5000		34.4	35.	41.4	42.9	43.4	45.2	45.9	46.	46.5	46.7	46.7	47.1	47.6	48.2	49.4
≥ 4500		3 .8	40.5	46.8	48.5	49.1	51.2	52.2	52.4	52.8	53.	53.0	53.4	54.	54.5	55.7
≥ 4000		41.	43.8	5 .8	52.9	5 .1	55.3	56.3	56.6	57.1	57.3	57.3	57.7	58.3	58.8	6 .0
≥ 3500		45.	47.6	55.2	57.	57.6	59.8	6 .9	61.1	61.4	61.8	61.8	62.3	62.8	63.3	64.5
≥ 3000		4 .3	5 .5	58.8	6 .8	61.6	64.7	65.1	65.3	65.8	66.	66.0	66.5	67.1	67.6	68.8
≥ 2500		50.	53.1	61.9	63.9	64.7	67.1	68.2	68.4	69.	69.2	69.2	69.7	70.3	70.9	72.0
≥ 2000		.6	58.0	67.5	69.8	70.6	73.1	74.2	74.4	75.1	75.3	75.3	75.7	76.3	76.9	78.1
≥ 1800		5 .1	58.5	68.2	70.5	71.4	74.0	75.1	75.3	75.9	76.1	76.1	76.6	77.2	77.7	78.9
≥ 1500		.5	63.1	73.8	76.5	77.3	8 .1	81.2	81.	82.0	82.3	82.3	82.7	83.3	83.9	85.1
≥ 1200		61.8	64.5	75.8	78.5	79.4	82.6	83.8	84.	84.6	84.8	84.8	85.3	85.9	86.5	87.6
≥ 1000		62.5	65.2	77.3	80.1	81.2	84.5	85.7	86.	86.8	87.	87.0	87.4	88.1	88.6	89.8
≥ 900		2.7	65.2	77.3	80.1	81.2	84.5	85.8	86.1	86.9	87.1	87.1	87.5	88.2	88.7	89.9
≥ 800		62.3	65.5	78.5	81.8	83.0	86.5	87.7	88.1	89.0	89.2	89.2	89.7	90.3	90.9	92.0
≥ 700		62.3	65.8	79.1	82.5	83.8	87.2	88.5	88.9	90.0	90.2	90.2	90.6	91.3	91.8	93.0
≥ 600		62.8	65.8	79.	82.6	84.1	87.8	89.2	89.7	9 .8	91.	9 .0	91.4	92.0	92.6	93.8
≥ 500		62.8	65.8	79.0	82.6	84.1	87.8	89.5	9 .1	91.2	91.4	91.4	91.9	92.6	93.1	94.4
≥ 400		62.8	65.8	79.0	82.8	84.3	88.5	90.2	90.9	92.	92.3	92.3	92.8	93.4	94.	95.3
≥ 300		62.8	65.8	79.0	82.8	84.3	88.5	90.4	91.2	92.8	93.1	93.1	93.7	94.3	94.8	96.5
≥ 200		62.8	65.8	79.	82.8	84.3	88.5	9 .4	91.2	93.1	93.4	93.5	94.3	95.2	96.2	99.1
≥ 100		62.8	65.8	79.	82.8	84.3	88.5	9 .4	91.2	93.1	93.4	93.5	94.3	95.2	96.6	99.7
≥ 0		62.8	65.8	79.0	82.8	84.3	88.5	9 .4	91.2	93.1	93.4	93.5	94.3	95.2	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 75771 STATION NAME: ILDENHALL RAF UK YEARS: 1-6? MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 9	≥5 GE8	≥4 GE7	≥3 GE4	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE1	≥¼ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		22.	23.4	26.6	27.5	27.6	29.0	29.3	30.2	30.5	30.6	30.6	30.8	30.9	31.1	31.5
≥ 20000		25.7	26.8	3 .4	31.3	31.4	32.9	33.7	34.1	34.4	34.5	34.7	34.8	34.9	35.1	35.6
≥ 18000		25.	26.9	3 .5	31.4	31.5	33.	33.8	34.3	34.6	34.8	34.8	35.	35.1	35.3	35.7
≥ 6000		25.	26.9	30.5	31.4	31.5	33.0	33.8	34.3	34.6	34.8	34.8	35.	35.1	35.3	35.7
≥ 14000		2 .0	27.0	30.6	31.5	31.6	33.1	33.9	34.4	34.7	34.9	34.9	35.1	35.2	35.3	35.8
≥ 12000		2 .2	27.3	3 .9	31.7	31.9	33.4	34.2	34.6	35.0	35.1	35.2	35.3	35.4	35.6	36.1
≥ 10000		2 .2	29.3	32.	32.9	33.1	34.6	35.5	35.9	36.3	36.5	36.5	36.7	36.8	36.9	37.4
≥ 9000		2 .2	29.4	33.1	34.	34.1	35.7	36.6	37.	37.4	37.6	37.6	37.8	37.9	38.0	38.5
≥ 8000		30.5	31.8	35.7	36.8	36.9	38.8	39.7	4 .2	40.6	40.7	40.8	40.9	41.1	41.3	41.7
≥ 7000		32.	32.8	36.7	37.8	38.0	39.9	40.8	41.4	41.8	41.9	42.	42.1	42.2	42.5	42.9
≥ 6000		3 .	32.9	36.8	37.9	38.1	40.0	41.0	41.5	41.9	42.	42.1	42.2	42.4	42.6	43.1
≥ 5000		3.3	34.6	38.9	4 .	40.2	42.1	43.2	43.9	44.3	44.5	44.6	44.7	44.9	45.1	45.5
≥ 4500		3 .3	33.8	43.5	44.8	45.	47.1	48.3	49.1	49.5	49.7	49.8	50.0	50.1	50.3	50.8
≥ 4000		41.1	43.4	48.7	5 .2	50.4	52.7	54.	54.7	55.3	55.6	55.7	55.8	56.0	56.2	56.7
≥ 3500		4 .5	47.3	53.0	54.6	54.8	57.4	58.8	59.6	6 .3	60.5	61.6	61.8	61.9	61.2	61.7
≥ 3000		4 .9	52.0	5 .4	60.2	60.5	63.2	64.9	65.8	66.6	66.8	67.	67.1	67.3	67.5	68.1
≥ 2500		52.7	54.9	61.6	63.5	63.8	66.7	67.6	69.5	70.4	70.6	70.8	71.0	71.1	71.4	71.9
≥ 2000		5 .2	59.6	67.2	69.4	69.8	72.8	74.9	75.9	76.9	77.1	77.3	77.4	77.6	77.9	78.4
≥ 800		5 .7	65.3	63.1	7 .3	70.8	73.8	76.	76.9	78.1	78.2	78.4	78.5	78.7	79.0	79.5
≥ 1500		60.	63.6	72.0	74.4	74.9	78.2	81.4	81.4	82.4	82.7	82.8	83.1	83.2	83.4	84.3
≥ 1200		.5	65.2	74.5	77.1	77.6	81.0	83.3	84.3	85.3	85.6	85.8	85.9	86.1	86.4	86.9
≥ 1000		3.2	66.	75.8	78.7	79.2	82.7	85.2	86.2	87.3	87.6	87.7	87.9	88.1	88.3	88.9
≥ 900		3.4	66.4	76.3	79.3	79.8	83.4	86.	87.1	88.2	89.5	89.6	88.8	89.0	89.2	89.8
≥ 800		3.7	66.6	77.	80.1	80.6	84.4	87.1	88.2	89.4	89.7	89.9	90.0	90.2	90.5	91.0
≥ 700		63.9	66.9	77.5	80.7	81.3	85.2	88.1	89.3	90.6	90.8	91.0	91.2	91.4	91.6	92.2
≥ 600		63.	67.0	77.7	81.1	81.7	86.0	89.0	90.2	91.6	91.8	92.	92.2	92.4	92.6	93.2
≥ 500		63.1	67.1	77.8	81.3	81.9	86.4	89.6	90.9	92.4	92.7	92.9	93.1	93.3	93.5	94.1
≥ 400		4.	67.1	77.9	81.4	82.1	86.6	90.1	91.5	93.1	93.4	93.6	93.8	94.0	94.3	94.9
≥ 300		4.0	67.1	77.9	81.4	82.1	86.7	90.4	91.8	93.9	94.3	94.6	95.0	95.3	95.6	96.2
≥ 200		4.0	67.1	77.9	81.4	82.1	86.7	90.5	92.1	94.4	94.9	95.3	95.7	96.3	96.9	98.4
≥ 100		4.0	67.1	77.9	81.4	82.1	86.7	90.5	92.1	94.5	94.9	95.3	95.9	96.8	97.7	99.7
≥ 0		4.	67.1	77.9	81.4	82.1	86.7	90.5	92.1	94.5	94.9	95.3	95.9	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
35771	ILDENHALL RAF UK	1-87	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE7	≥3 GE49	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		2[illegible]	29.1	30.9	31.7	32.9	32.9	33.5	33.7	33.9	34.0	34.1	34.1	34.2	34.3	34.6
≥ 20000		31.	33.1	36.5	37.4	37.6	38.7	39.4	39.6	39.9	40.0	40.0	40.1	40.2	40.3	40.6
≥ 18000		31.	33.3	36.6	37.5	37.7	38.9	39.5	39.8	40.0	40.1	40.2	40.3	40.4	40.5	40.7
≥ 16000		32.0	33.3	36.6	37.6	37.7	38.9	39.5	39.8	40.1	40.1	40.2	40.3	40.4	40.5	40.7
≥ 14000		32.0	33.4	36.7	37.7	37.8	39.0	39.7	39.9	40.2	40.3	40.3	40.4	40.5	40.6	40.9
≥ 12000		32.3	33.7	37.	38.0	38.1	39.3	40.0	40.2	40.5	40.6	40.6	40.7	40.8	40.9	41.2
≥ 10000		33.7	35.3	38.8	39.8	40.7	41.2	41.9	42.1	42.4	42.	42.6	42.7	42.8	42.9	43.1
≥ 9000		34.7	36.7	39.8	40.8	41.3	42.2	43.0	43.2	43.5	43.6	43.7	43.7	43.8	44.0	44.2
≥ 8000		35.4	38.9	43.9	45.0	45.2	46.5	47.3	47.6	47.9	48.	48.1	48.1	48.3	48.4	48.6
≥ 7000		38.	40.3	45.0	46.1	46.3	47.7	48.4	48.7	49.1	49.2	49.2	49.3	49.4	49.6	49.8
≥ 6000		39.9	41.1	45.2	46.4	46.6	48.0	48.7	49.0	49.4	49.5	49.5	49.6	49.7	49.8	50.1
≥ 5000		41.	43.4	47.7	48.9	49.1	50.9	51.4	51.7	52.0	52.1	52.2	52.3	52.4	52.5	52.8
≥ 4500		45.	47.7	52.4	53.7	53.9	55.4	56.3	56.7	57.	57.2	57.2	57.3	57.4	57.6	57.8
≥ 4000		51.	53.9	59.1	60.5	60.8	62.5	63.5	63.8	64.3	64.4	64.5	64.6	64.7	64.8	65.1
≥ 3500		55.	58.0	63.6	65.2	65.4	67.3	68.3	68.7	69.2	69.3	69.4	69.5	69.6	69.8	70.0
≥ 3000		60.7	63.1	69.2	70.9	71.2	73.3	74.3	74.7	75.2	75.4	75.5	75.6	75.7	75.8	76.1
≥ 2500		63.4	66.	72.4	74.2	74.5	76.5	77.8	78.2	78.8	78.9	79.0	79.1	79.2	79.4	79.6
≥ 2000		66.3	69.5	76.6	78.5	78.8	81.	82.3	82.8	83.4	83.5	83.6	83.7	83.9	84.0	84.3
≥ 1800		68.2	70.0	77.1	79.0	79.4	81.6	82.9	83.4	84.0	84.1	84.2	84.3	84.5	84.6	84.9
≥ 1500		68.1	72.2	79.9	82.0	82.4	84.7	86.2	86.7	87.3	87.5	87.6	87.7	87.8	88.0	88.2
≥ 1200		70.5	73.6	81.8	84.1	84.5	87.1	88.6	89.2	89.8	90.0	90.1	90.2	90.4	90.5	90.8
≥ 1000		71.1	74.3	82.9	85.2	85.6	88.4	90.1	90.6	91.3	91.5	91.6	91.7	91.9	92.0	92.3
≥ 900		71.3	74.6	83.3	85.7	86.1	88.9	90.7	91.3	92.0	92.2	92.3	92.4	92.6	92.7	93.0
≥ 800		71.6	74.9	83.9	86.4	86.8	89.8	91.6	92.3	93.1	93.3	93.4	93.5	93.6	93.8	94.1
≥ 700		71.8	75.1	84.3	86.9	87.4	90.5	92.5	93.2	94.0	94.2	94.4	94.5	94.6	94.8	95.1
≥ 600		71.8	75.2	84.5	87.1	87.7	91.0	93.1	93.9	94.8	95.0	95.1	95.3	95.4	95.6	95.9
≥ 500		71.8	75.3	84.7	87.5	88.1	91.5	93.8	94.6	95.6	95.9	96.0	96.2	96.3	96.5	96.8
≥ 400		71.9	75.3	84.8	87.6	88.1	91.7	94.2	95.1	96.2	96.5	96.7	96.8	97.0	97.1	97.4
≥ 300		71.9	75.3	84.8	87.7	88.2	91.8	94.4	95.4	96.7	97.	97.2	97.4	97.7	97.9	98.3
≥ 200		71.9	75.3	84.8	87.7	88.2	91.8	94.5	95.5	96.9	97.2	97.5	97.8	98.2	98.5	99.1
≥ 100		71.9	75.3	84.8	87.7	88.2	91.8	94.5	95.5	97.0	97.3	97.6	97.9	98.4	98.8	99.8
≥ 0		71.9	75.3	84.8	87.7	88.2	91.8	94.5	95.5	97.0	97.3	97.6	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87647

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

E

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

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

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

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

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

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

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

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

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

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC
[illegible] 7[illegible] WILDENHALL RAF UK — -54, 56-83
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]						.1							.0
[illegible]						.4	.7	.5					.1
[illegible]						1.6	2.3	1.5	.1				.5
[illegible]					.0	5.4	6.0	6.0	1.1				1.8
[illegible]			.[illegible]	.2	4.4	14.3	24.6	20.2	6.6	.			6.0
[illegible]			.4	1.7	13.	34.1	51.1	48.4	22.9	3.9			14.9
[illegible]5			1.9	4.2	28.5	62.3	78.4	91.9	53.9	14.4	.3		27.8
		.6	5.6	19.4	57.1	88.1	97.5	98.1	87.4	4[illegible].1	3.7	.3	42.1
[illegible]5	[illegible].9	5.0	22.5	46.6	83.6	98.1	99.8	100.0	98.5	74.3	2[illegible].4	6.1	55.4
	1.1	24.	51.8	76.7	97.1	99.9	100.0		100.0	94.1	52.5	26.1	7[illegible].8
4	44.5	4[illegible].	76.4	94.8	99.9	1[illegible]0.0				99.5	80.6	48.9	83.1
[illegible]	68.0	75.8	92.9	99.6	1[illegible]0.0					100.0	94.6	74.8	92.3
3	8[illegible].8	95.2	99.4	100.							99.2	93.5	98.[illegible]
3[illegible]	[illegible]9.4	99.9	100.0								99.8	99.6	99.8
35	[illegible]9.6	100.0									1[illegible]0.0	100.0	1[illegible]0.0
[illegible]	[illegible]9.9												1[illegible]0.0
	[illegible]0.0												100.0
MEAN	43.3	44.5	49.5	54.3	61.2	67.2	7[illegible].2	69.8	65.6	58.3	49.5	44.5	56.5
S D	6.789	6.259	6.614	6.468	6.966	6.929	6.508	5.836	5.553	5.926	5.905	6.505	11.689
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] WILDENHALL RAF UK

STATION | STATION NAME | YEARS

DAILY TEMPERATURES

MC-54, 56-83

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5						.1	.4	.4	.1				.1
[illegible]					.[illegible]	2.4	11.[illegible]	9.9	3.8	.7			2.4
15	.[illegible]			.[illegible]	2.1	2[illegible].2	46.[illegible]	43.1	21.3	6.6	1.[illegible]	.1	12.0
[illegible]	.8	.[illegible]	1.2	3.9	19.9	56.3	83.0	79.2	54.9	26.7	5.9	1.7	28.4
4[illegible]	7.[illegible]	6.1	7.1	16.7	53.6	87.1	97.3	97.5	81.9	52.6	2[illegible].7	10.6	45.5
[illegible]	22.5	1[illegible].1	26.4	47.1	82.0	97.3	100.0	100.0	95.6	77.5	46.5	25.9	62.2
3[illegible]	51.[illegible]	47.2	65.3	79.5	96.5	99.5			99.8	93.0	72.4	56.1	80.4
13	6[illegible].1	62.5	76.7	89.[illegible]	98.6	99.8			99.9	97.1	8[illegible].8	68.1	86.5
30	7[illegible].9	81.3	88.7	97.3	100.[illegible]	100.0				99.6	9[illegible].4	80.0	93.1
35	[illegible]0.8	93.7	97.0	99.9					1[illegible]0.0	100.0	97.8	91.4	97.6
[illegible]	76.[illegible]	98.3	99.6	100.0							99.7	97.4	99.3
15	98.8	99.5	1[illegible]0.0								100.0	99.6	99.8
1[illegible]	99.8	1[illegible]0.0										99.9	100.0
[illegible]	100.0											100.0	100.0
MEAN	34.3	34.2	38.4	39.4	44.7	50.[illegible]	53.7	53.3	49.8	44.9	38.8	35.2	42.9
S.D.	7.395	6.297	5.810	5.499	5.243	5.020	4.572	4.632	5.817	6.549	6.955	7.366	9.323
TOTAL OBS.	951	875	961	930	937	930	979	1015	979	984	960	961	11472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC
ILDENHALL RAF UK

STATION | STATION NAME | C-54, 56-83 YEARS

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
[illegible]						.2							.2
[illegible]						.5	.1	.6					.2
[illegible]					.1	2.8	7.8	5.1	1.[illegible]	.1			1.4
5				.1	2.2	11.8	30.2	25.8	8.6	1.2			6.9
[illegible]			.1	.5	10.2	43.4	70.1	63.1	37.3	9.3	.1		2[illegible].6
5	.	.2	1.4	9.1	38.5	8[illegible].5	95.4	97.3	74.4	32.1	3.9	.4	36.8
[illegible]	5.2	5.4	12.2	31.5	75.[illegible]	98.1	100.0	100.0	96.[illegible]	65.0	20.3	7.8	52.[illegible]
4[illegible]	22.[illegible]	22.3	41.5	67.3	95.7	99.8			99.9	9[illegible].5	5[illegible].6	27.5	68.6
40	4[illegible].6	48.9	75.0	92.7	99.7	100.0			100.0	99.1	78.6	54.6	83.5
3[illegible]	74.5	81.0	94.5	99.8	100.0					100.0	95.1	79.4	93.8
7[illegible]	[illegible]1.1	96.8	99.6	1[illegible].0							99.1	94.[illegible]	98.4
25	[illegible]8.[illegible]	99.2	100.0								99.9	99.3	99.7
20	[illegible]9.6	100.0									100.0	100.0	100.0
15	[illegible]9.9												100.0
0	100.0												100.0
MEAN	35.1	35.7	43.2	47.1	53.2	58.8	62.2	61.8	57.9	51.8	44.4	40.1	49.9
S D	6.808	5.872	5.453	5.227	5.357	5.127	4.832	4.345	4.812	5.593	6.044	6.626	10.102
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] WILDENHALL RAF UK 50-54, 56-83
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]							73	81	71	71	58	51	
[illegible]	52	51	57	72	70	74	73	79	73	63	59	55	79
[illegible]	[illegible]	53	59	75	79	86	87	77	7[illegible]	59	55	51	87
[illegible]	55	57	69	63	93	77	9[illegible]	92	77	71	57	58	90
54	59	55	6[illegible]	61	87	75	7[illegible]	8[illegible]	83				
5[illegible]							*	72*	76*	62	55	57	
57	5[illegible]	56	67	64	71	9[illegible]	82	78	68	66	55	56	9[illegible]
58	55	58	59	72	75	76	83	78	79	64	55	54	83
59	[illegible]	62	6[illegible]	69	77	82	91	83	82	78	59	55	91
6[illegible]	54	62	58	62*	77	85	72	75	73	65	61	54	85
6[illegible]	5[illegible]	6[illegible]	69	66	73	83	93	84	82	70	58	58	9[illegible]
6[illegible]	54	56	57	68	65	76	75	75	76	68	58	56	76
6[illegible]	4[illegible]	43	59	66	79	8[illegible]	79	74	73	69	58	5[illegible]	8[illegible]
64	52	57	55	68	8[illegible]	85	79	91	77	72	58	59	91
65	53	49	72	63*	67	73	72	74	71	73	59	57	74
66	54	57	56	69	78	76	74	81	74	69	6[illegible]	55	81
67	5[illegible]	56	66	71*	79	75	84	79	76	69	61	53	84
68	53	47	77	79	74	81	88	81	77	70	61	54	88
69	5[illegible]	53	58	72	79	78	9[illegible]	85	76	77	67	54	90
70	5[illegible]	54	61	63	77	86	88	85	81	74	65	54	88
71	54	54	56	72	74	74	85	79	76	74	61	58	85
72	[illegible]	50	65	59	67	70	79	76	74	74	61	59	79
73	51	53	66	62	71	77	83	93	87	71	60	55	93
74	53	57	64	71	77	75	82	78	71	55	57	60	80
75	57	55	55	66	71	82	86	91	73	64	57	55	91
76	53	59	60	64	92	95	93	84	75	68	53	48	95
77	53	53	62	64	75	73	92	78	75	69	62	60	82
78	43	53	62	59	78	80	75	75	77	75	64	57	80
79	44	46	57	69	78	73	80	75	79	70	59	61	80
8[illegible]	53	55	57	72	73	81	79	81	77	66	59	55	81
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AN 0-88-6 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] (STATION) [illegible]ILDENHALL RAF UK (STATION NAME) [illegible]0-54, 56-3[illegible] (YEARS)

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	55	64	66	73	75	9[illegible]	81	75	64	61	[illegible]	8[illegible]
[illegible]	54	57	63	63	77	8[illegible]	81	82	82	64	67	55	82
[illegible]	5[illegible]	[illegible]2	5[illegible]	64	7[illegible]	75	81	84	79	79	61		
MEAN	53.5	54.4	61.5	66.9	75.3	78.9	82.[illegible]	81.8	76.4	69.1	59.3	55.5	85.[illegible]
S.D.	3.923	4.302	5.347	4.819	4.353	5.51[illegible]	5.875	5.144	4.227	5.366	3.082	3.150	5.327
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-6 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] (STATION) MILDENHALL RAF UK (STATION NAME) [illegible]-74, 56-3[illegible] (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]							49	45	43	38	24	22	
5[illegible]	21	27	24	28	32	4[illegible]	42	43	41	26	29	21	21
5[illegible]	16	24	29	26	39	3[illegible]	44	45	33	23	3[illegible]	22	16
5[illegible]	2[illegible]	19	25	29	33	4[illegible]	47	44	4[illegible]	32	29	27	19
54	[illegible]	13	22	27	36	38	43	45	37				
55							*	45*	51*	34	22	28	
5[illegible]	2[illegible]	28	31	29	3[illegible]	39	46	46	36	35	28	[illegible]	2[illegible]
5[illegible]	22	25	19	24	36	4[illegible]	46	47	37	33	28	26	18
5[illegible]	[illegible]	29	34	36	33	4[illegible]	47	45	4[illegible]	34	23	29	2[illegible]
5[illegible]	22	24	31	32*	39	[illegible]	45	43	4[illegible]	34	31	29	22
[illegible]	[illegible]	33	28	31	35	38	41	44	42	30	26	13	13
[illegible]	12	27	23	3[illegible]	3[illegible]	31	43	44	38	31	22	9	9
[illegible]	[illegible]	11	24	28	33	47	4[illegible]	46	4[illegible]	37	28	16	5
64	1[illegible]	18	25	31	44	44	45	46	39	31	26	16	15
65	2[illegible]	26	17	31*	36	43	42	46	40	31	2[illegible]	18	17
66	1[illegible]	26	23	29	33	37	41	42	41	34	27	22	15
67	1[illegible]	36	29	26*	32	39	49	42	39	39	24	22	18
6[illegible]	1[illegible]	24	23	26	37	46	46	46	41	41	30	21	15
69	[illegible]	16	21	28	35	37	47	41	28	39	19	24	16
70	[illegible]	24	19	28	42	44	47	42	44	34	31	24	17
7[illegible]	23	24	23	30	30	44	42	44	39	35	26	32	23
7[illegible]	21	33	3[illegible]	33	33	39	46	42	37	32	30	23	21
73	28	23	3[illegible]	30	35	37	44	46	39	30	21	17	17
74	3[illegible]	32	28	35	37	39	46	42	35	30	28	33	28
75	3[illegible]	26	28	28	32	33	44	46	39	33	26	24	24
76	1[illegible]	30	26	30	35	46	48	44	42	37	32	26	17
77	24	28	23	28	35	42	44	46	39	37	30	32	24
78	24	19	3[illegible]	26	37	41	46	46	42	35	17	21	17
79	1[illegible]	24	26	3[illegible]	30	42	42	42	36	30	27	28	12
3[illegible]	25	3[illegible]	28	32	34	45	45	41	46	32	25	19	19
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8[illegible] (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

15771 — STATION
TLDENHALL RAF UK — STATION NAME
[illegible], 56-87 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	23	[illegible]	[illegible]	34	43	48	45	43	[illegible]	30	[illegible]	[illegible]
[illegible]	1[illegible]	23	27	[illegible]	[illegible]	[illegible]	43	48	43	34	29	[illegible]	12
[illegible]	[illegible]	23	32	32	37	43	45	41	43	32	28		
MEAN	21.0	24.4	26.2	29.5	34.5	41.0	44.9	44.3	39.4	33.2	26.1	22.4	17.0
S.D.	6.319	5.116	4.402	2.656	3.416	3.764	2.357	1.967	3.521	3.582	3.897	5.999	5.103
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-60-0 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-87	JAN

PAGE 1 — HOURS (L. S. T.) 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57			.3															3	3		
5 / 55			.1	.4														5	5	1	
6 / 53		.1	1.5	.4														19	19	2	
7 / 51			3.2	.2		.1												31	31	5	3
8 / 49		.9	2.8	.3	.1													38	38	18	3
9 / 47	.1	2.3	3.2	.4	.3													64	64	47	8
10 / 45		4.8	5.3	.6	.1													99	99	68	29
11 / 43	.1	3.3	5.6	.4	.1													107	107	87	58
12 / 41	.3	3.4	3.3	.5														71	71	93	90
13 / 39		4.1	3.2	.2														69	69	86	77
14 / 37	1.8	6.1	4.1	.1														113	113	100	83
15 / 35	.4	3.3	5.3	.1														85	85	92	83
16 / 33		4.6	2.6															67	67	98	90
17 / 31	.1	2.8	1.2	.3														41	41	63	75
18 / 29	.3	3.0	1.1	.3														44	44	53	69
19 / 27	1.1	2.4	.5															37	37	52	97
20 / 25		1.3																12	12	25	52
21 / 23		.2																2	2	15	29
22 / 21		.8																7	7	6	28
23 / 19	.3	.3																6	6	6	11
24 / 17		.3																3	3	4	16
25 / 15		.6																6	6	5	11
26 / 13																				3	5
27 / 11		.1																1	1	1	3
28 / 9																					7
29 / 7																					2
30 / 5																					1
TOTAL	4.6	46.5	43.7	4.5	.6	.1													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5827091	731.5	78.6	9.308	930							
Dry Bulb	1503113	36717	39.5	7.594	930		15.9					93
Wet Bulb	1318595	34385	37.1	7.134	930		23.3					93
Dew Point	1088356	31006	33.2	7.852	930		40.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	74-93	JAN

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.7															3	3		
5 / 65				.3														3	3		
[illegible] / 53			.9	.3														12	10	3	
[illegible] / 51			3.3	.3														38	38		3
[illegible] / 49		.3	1.6	.1														19	19	15	
[illegible] / 47		1.5	4.3	.6	.1													61	61	53	2
[illegible] / 45	.2	5.2	5.5	.8	.1													109	109	60	34
[illegible] / 43		4.4	5.1	1.2	.1													100	100	92	52
[illegible] / 41		4.7	3.3	.4														78	78	82	93
[illegible] / 39		4.7	2.5	.2														69	69	85	81
[illegible] / 37	2.3	5.2	4.2	.3														111	111	97	70
[illegible] / 35		4.8	[illegible].7	.4														83	83	84	75
[illegible] / 33		5.6	[illegible]															71	71	118	86
[illegible] / 31	.1	1.5	.1	.2														18	18	70	66
[illegible] / 29		4.2	1.5	.4														57	57	23	90
[illegible] / 27	1.	3.7	.4															47	47	63	102
[illegible] / 25	.5	1.7	.8															27	27	41	36
[illegible] / 23		.9																8	8	18	44
[illegible] / 21		.3																3	3	11	32
[illegible] / 19	.2	.3																5	5	5	12
[illegible] / 17	.1	.1																2	2	5	17
[illegible] / 15		.6																6	6	3	10
[illegible] / 13																				3	11
[illegible] / 11		.2																2	2	2	3
[illegible] / 9																					6
[illegible] / 7																					4
[illegible] / 5																					1
TOTAL	4.45	73	9.7	5.6	.3														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5857978	73312	78.8	9.209	930							
Dry Bulb	1463749	36187	38.9	7.693	930		17.5					93
Wet Bulb	1286628	33928	36.5	7.253	930		24.4					93
Dew Point	1057260	30456	32.7	8.728	930		43.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

15271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JAN — MONTH

PAGE 1 — 0600-0830 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57			.7	.1	.1													5	5		
5 / 55			.1	.1														2	2		
4 / 53			1.1	.3														15	15	3	
/ 51		.2	3.1	.2														33	33	3	3
/ 49		.3	2.2	.3														26	26	20	
2 / 47		1.4	4.2	.3														55	55	47	6
4 / 45		3.4	6.9	.2														98	98	57	24
14 / 43	.1	2.3	3.4	.2														66	66	82	59
2 / 41		5.4	5.7	.3														106	106	73	79
40 / 39	.2	6.3	3.2	.4														95	95	77	89
/ 37	1.5	3.7	4.2															87	87	116	72
36 / 35	.1	5.7	3.7	.2														9[illegible]	93	83	74
34 / 33	.6	4.7	1.8															67	67	138	94
/ 31	.1	2.4	.3															3[illegible]	30	53	68
/ 29		4.4	1.6	.1														57	57	36	88
26 / 27		3.2	.9															44	44	58	95
/ 25	.3	1.4	.6															22	22	35	44
20 / 23	.1	.9	.1															10	10	20	40
22 / 21		.3																3	3	10	27
20 / 19	.3	1.2																12	12	7	18
18 / 17		.4																4	4	11	6
16 / 15		.2																3	3	8	16
/ 13																				1	14
12 / 11																					5
/ 9																					8
8 / 5																					1
TOTAL	3.4	49.5	43.2	3.1	.1													930	931	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5879108	73512	79.1	8.577	930							
Dry Bulb	1453793	36067	38.9	7.698	930		18.5					93
Wet Bulb	1280524	33848	36.4	7.255	930		23.4					93
Dew Point	1054556	30426	32.7	7.978	930		43.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	JAN

PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 60			.2															2	2		
1/ 57			.1	.1	.1													3	3		
6/ 55			.8	.3														11	11	2	
1/ 53			1.2	1.1														21	21	1	
1/ 51		.1	3.0	.4														41	41	8	3
5/ 49		.3	2.0	.6														36	36	19	2
1/ 47	.1	2.3	3.4	.8														61	61	62	9
1/ 45	.2	4.1	6.5	1.1														111	111	72	36
0/ 43		3.2	5.4	1.2														98	98	81	57
1/ 41		3.3	4.2	.5														75	75	78	93
1/ 39	.3	7.0	3.8	.4														107	107	100	75
2/ 37	1.7	3.2	4.2	.1														76	76	115	86
1/ 35	.6	5.3	3.2															83	83	73	98
3/ 33	.1	4.7	2.5	.5														73	73	120	86
1/ 31		2.4	.2															30	30	60	57
1/ 29		2.7	1.4															38	38	40	79
1/ 27	.3	2.5	1.7															35	35	34	116
1/ 25		1.2	.1															12	12	36	38
0/ 23		.5	.1															6	6	13	18
2/ 21	.1	.2																3	3	7	20
1/ 19	.1	.4																5	5	4	18
1/ 17		.3																3	3	5	15
1/ 15																				2	12
1/ 13																					3
1/ 11																					5
1/ [illegible]																					3
TOTAL	3.8	42.7	46.4	7.1	.1														929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5697661	72265	77.8	9.68	929							
Dry Bulb	1553817	37369	40.2	7.388	929		13.2					93
Wet Bulb	1354583	34891	37.6	6.898	929		19.8					93
Dew Point	1107688	31302	33.7	7.556	929		38.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
03771	WILDENHALL RAF UK	74-83	JAN

PAGE 1 HOURS (L. S. T.) 1200-1800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 57			.5	.2	.3	.1												11	11		
2 / 55			.3	.6														9	9		
3 / 53		.1	1.4	1.9	.2													33	33	5	
4 / 51		.4	5.3	2.7	.1													89	89	8	5
5 / 49		.2	3.4	1.1		.1												45	45	29	3
6 / 47		2.3	4.4	1.1	.6													78	78	98	8
7 / 45	.2	3.8	8.3	4.2	.5													158	158	91	38
8 / 43		2.2	5.3	2.8														95	95	94	80
9 / 41		1.9	2.7	1.2														54	54	101	137
10 / 39	.3	4.7	4.[illegible]	1.3														96	96	101	103
11 / 37	1.3	1.6	3.8	.1														63	63	98	72
12 / 35	.1	3.3	2.6	.6														62	62	61	98
13 / 33	.3	3.1	2.2	1.[illegible]														61	61	105	82
14 / 31		1.6	.3	.4														22	22	49	39
15 / 29		1.6	1.8															32	32	32	93
16 / 27	.2	1.4	.2															18	18	33	1.4
17 / 25		.3																3	3	21	20
18 / 23		.1																1	1	3	22
19 / 21																				1	21
20 / 19																					17
21 / 17																					14
22 / 15																					6
TOTAL	2.6	27.7	47.5	19.1	1.8	.2												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5230627	69139	74.3	10.121	930							
Dry Bulb	1733513	39633	42.6	6.221	930		7.6					93
Wet Bulb	1474926	36556	39.3	6.396	930		13.9					93
Dew Point	1173858	32354	34.8	7.180	930		33.8					93

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-33	JAN

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57					.1													1	1		
56 / 55		.1	.5	.3	.1													15	15		
54 / 53		.3	1.7	1.5	.7													35	35	1	
[illegible] / 51		.3	5.2	1.5	.1													66	66	8	2
52 / 49		.3	2.7	1.1	.1													39	39	36	2
[illegible] / 47		7.3	4.4	1.2	.1													84	84	74	11
46 / 45	.1	4.3	8.5	2.7	.3													142	142	96	36
44 / 43		2.7	6.1	2.5														105	105	102	85
[illegible] / 41		2.5	3.7	1.1														66	66	97	93
40 / 39	.6	4.8	3.3	1.5														96	96	104	97
[illegible] / 37	1.1	2.6	4.3															74	74	102	82
[illegible] / 35	.1	4.3	2.7	.4														67	67	61	99
34 / 33	.1	3.8	2.3	.2														63	63	117	73
[illegible] / 31		1.2	1.3	.6														26	26	50	46
[illegible] / 29		1.6	1.2	.1														27	27	35	107
[illegible] / 27	.3	1.2	.4															18	18	30	88
[illegible] / 25		.1																1	1	21	31
24 / 23		.3																3	3	1	15
[illegible] / 21																				3	27
[illegible] / 19		.1																1	1		8
[illegible] / 17																				1	17
[illegible] / 15		.1																1	1	1	8
[illegible] / 13																					1
[illegible] / 11																					1
[illegible] / 9																					1
TOTAL	2.4	33.7	47.7	15.2	1.1														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	53374 5	69853	75.1	9.881	930
Dry Bulb	1691557	39155	42.1	6.877	930
Wet Bulb	1449446	36236	39.1	6.359	930
Dew Point	1161166	32166	34.6	7.236	930

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb		7.7					93
Wet Bulb		14.2					93
Dew Point		35.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 03771 STATION NAME: MILDENHALL RAF UK YEARS: 74-83 MONTH: JAN

PAGE 1 HOURS (L. S. T.): 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.1	.2													3	3		
56/ 55			.2	.5														7	7		
54/ 53			1.7	.3														19	19		
52/ 51		.1	4.1	.4	.1													44	44	6	
50/ 49		.1	3.8	.1														37	37	26	
48/ 47		1.7	4.3	1.5	.2													72	72	61	15
46/ 45	.1	3.8	7.4	1.4														118	118	64	36
44/ 43		4.7	4.8	1.3														98	98	90	68
42/ 41		4.3	4.2	.5														84	84	114	87
40/ 39	.3	5.8	3.2	.3														88	88	80	83
38/ 37	.9	3.5	4.6	.1														85	85	103	89
36/ 35		5.2	5.4	.6														104	104	67	86
34/ 33		4.8	2.9	.3														75	75	125	88
32/ 31		1.6	.8															22	22	87	82
30/ 29		1.1	.8	.0														24	24	33	108
28/ 27	.4	1.9	.5	.2														29	29	27	104
26/ 25		.8																7	7	23	49
24/ 23		.1																1	1	10	16
22/ 21	.3	.3																6	6	4	18
20/ 19		.2																2	2	3	10
18/ 17		.3																3	3	3	11
16/ 15		.2																2	2	3	12
14/ 13																				1	4
12/ 11																					2
/ 9																					7
/ 7																					1
TOTAL	.1	47.6	49.5	8.3	.5													930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5576313	71517	76.9	9.88	930							
Dry Bulb	1579148	37758	47.6	7.250	930		9.6					93
Wet Bulb	1370035	35157	37.8	6.642	930		19.8					93
Dew Point	1112542	31806	33.8	7.979	930		38.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

75771	WILDENHALL RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59					.1	.1												2	3		
[illegible] / 55			.3	.6		.1												10	[illegible]		
[illegible] / 53			1.9	.3														21	21		
[illegible] / 51			2.7	.3														28	28	8	
[illegible] / 49		.4	2.[illegible]	.3	.1													27	27	25	1
[illegible] / 47		3.5	3.5	.6	.1													63	63	44	10
4[illegible] / 45		4.1	6.5	1.1														108	108	57	30
[illegible]4/ 43	.1	3.8	6.[illegible]	.9														100	100	83	62
[illegible] / 41	.4	4.2	4.8	.1														89	89	101	77
[illegible] / 39		6.7	2.6	.2														88	88	89	86
3[illegible] / 37	1.[illegible]	4.7	3.4	.1														86	86	112	87
[illegible] / 35	.3	3.9	5.3	.8														95	95	72	86
3[illegible] / 33	.4	4.1	3.2	.1														73	73	114	91
[illegible] / 31		4.[illegible]	1.0															46	46	80	47
[illegible] / 29	.1	1.9	1.1	.4														32	32	57	87
[illegible] / 27	.8	2.3	.3	.2														33	33	28	121
[illegible] / 25		1.2																11	11	28	45
[illegible] / 23																				14	26
[illegible] / 21	.1	.8																8	8	1	22
[illegible] / 19		.1																1	1	7	18
[illegible] / 17		.5																5	5	3	3
1[illegible] / 15		.3																3	3	5	9
[illegible] / 13																				1	5
[illegible] / 11		.1																1	1	1	3
[illegible] / 9																					7
[illegible] / 7																					2
TOTAL	7.2	45.4	44.7	6.1	.3	.1												930	93	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5711519	72391	77.8	9.[illegible]82	930							
Dry Bulb	1522556	37012	39.8	7.304	930		14.0					93
Wet Bulb	1329341	34581	37.2	6.842	930		22.5					93
Dew Point	1084722	30966	33.3	7.600	930		40.0					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JAN — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59			.2		.2	.0												4	4		
[illegible] / 57			.2	.1	.1	.2												29	29		
57 / 55		.2	.3	.5	.2	.0												61	61	3	
[illegible] / 53		.1	1.4	.8	.1													173	173	15	
[illegible] / 51		.1	4.2	.9	.2	.2												370	370	46	19
[illegible] / 49		.4	2.7	.5	.2	.2												267	267	188	11
[illegible] / 47	.	2.2	4.0	.2	.2													538	538	483	64
4[illegible] / 45	.1	4.2	6.8	1.4	.1													943	943	555	263
[illegible] / 43	.2	3.7	5.3	1.2	.2													769	769	711	521
[illegible] / 41	.1	3.7	4.[illegible]	.6														623	623	739	719
[illegible] / 39	.2	5.5	3.2	.6														708	708	722	691
[illegible] / 37	1.4	3.7	4.1	.1														695	695	843	641
[illegible] / 35	.2	4.4	3.9	.4														669	669	590	699
[illegible] / 33	.2	4.4	2.4	.3														550	550	935	690
[illegible] / 31	.2	2.2	.7	.2														235	235	511	440
[illegible] / 29	.1	2.6	1.3	.3														311	311	309	721
[illegible] / 27	.5	2.4	.5	.1														261	261	325	827
[illegible] / 25	.1	1.[illegible]	.2															95	95	230	315
[illegible] / 23	.	.4	.2															31	31	91	238
[illegible] / 21	.1	.3																30	30	43	195
[illegible] / 19	.1	.3																32	32	32	112
[illegible] / 17	.	.3																20	20	32	103
[illegible] / 15		.3																21	21	23	84
[illegible] / 13																				9	43
[illegible] / 11		.1																4	4	4	22
[illegible] / 9																					39
[illegible] / 7																					9
[illegible] / 5																					3
TOTAL	3.3	42.1	45.3	8.6	.6	.1												7439	7439	7439	7439

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	85117772	575[illegible]	77.3	9.882	7439							
Dry Bulb	12500636	299898	40.3	7.428	7439		104.0					744
Wet Bulb	10864078	279578	37.6	6.226	7439		162.9					744
Dew Point	8836788	249982	33.6	7.650	7439		312.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	FEB

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 57			.5	.4														7	7		
52/ 51		.6	.6	.6														15	15	1	
5 / 49		.7	1.8	1.1														30	30	10	2
/ 47	.1	1.9	2.4	.4														40	40	25	10
4 / 45	.5	4.6	5.6	.1														91	91	47	18
44/ 43	.2	3.9	2.2															54	54	76	35
42/ 41	.1	5.2	2.5	.7														70	70	83	45
4 / 39	.4	6.4	3.5	1.4														99	99	52	92
35/ 37	1.1	5.2	4.4	.1														91	91	90	72
/ 35	.5	5.1	4.7	.8														93	93	86	78
3 / 33	.5	5.1	4.3	.1														84	84	111	61
/ 31	.2	5.9	1.4															64	64	87	62
/ 29		4.7	2.2															59	59	86	80
/ 27	.6	3.2	.5															36	36	43	116
/ 25		.7																6	6	36	75
24/ 23		.4																3	3	8	31
22/ 21	.4	.1																4	4	5	22
/ 19																					32
/ 17																					15
TOTAL	4.5	53.3	30.5	5.7															846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5420345	67221	79.5	9.708	846							
Dry Bulb	1279753	32447	38.4	6.463	846		17.1					84
Wet Bulb	1129898	30470	36.0	6.199	846		26.3					84
Dew Point	929768	27408	32.4	7.036	846		43.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53			.7															6	6		
2/ 51		.1	.6															6	6		
5/ 49		.2	1.2	1.1														21	21	7	
5/ 47	.4	2.[illegible]	1.7	.5	.1													39	39	19	9
6/ 45		7.[illegible]	5.6	.7														78	78	36	17
4/ 43		5.1	2.2															62	62	62	27
7/ 41		5.9	3.2															77	77	94	41
5/ 39	.6	7.6	2.8	.6														98	98	59	96
7/ 37	1.3	3.2	5.3	.6														88	88	92	71
6/ 35	.4	4.7	4.1	.6														83	83	58	72
7/ 33	.5	5.[illegible]	5.7	.4														97	97	124	61
2/ 31	.2	5.1	.6															50	50	106	32
7/ 29	.1	4.6	1.9															56	56	67	91
2/ 27	2.2	4.3	.2															63	63	59	136
7/ 25		1.4																12	12	39	74
24/ 23		.4	.1															4	4	14	43
2/ 21	.6																	5	5	8	26
2/ 19	.1																	1	1	2	25
1/ 17																					20
1/ 15																					4
1/ 11																					1
TOTAL	6.4	52.5	26.4	4.4	.1														846		846
																		846		846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5437632	67326	79.6	9.713	846							
Dry Bulb	1235758	31858	37.7	6.538	846		19.0					84
Wet Bulb	1091948	29938	35.4	6.229	846		29.3					84
Dew Point	895538	26864	31.8	7.192	846		88.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	FEB

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 53			.7															6	6		
55/ 51		.2	.5															6	6		
5 / 49		.2	.9	.5														14	14	8	
/ 47	.2	2.1	2.4	.8														46	46	19	7
4 / 45		2.6	4.1	.6														62	62	33	18
4/ 43		5.2	2.7	.5														71	71	53	19
4 / 41		6.9	2.6	.1														81	81	88	45
/ 39	.6	7.8	2.5	.6														97	97	73	93
3 / 37	.9	7.2	5.2	.1														78	78	90	85
/ 35	.4	4.7	4.7	.9														91	91	56	64
3 / 33	.7	6.5	5.6	.2														110	110	121	58
/ 31	.4	3.5	.2															41	41	124	37
/ 29	.1	5.2	1.5															58	58	51	78
/ 27	1.2	5.4	.6															61	61	64	137
/ 25	.5	1.2																14	14	46	89
/ 23		.4																3	3	10	33
2/ 21	.7																	6	6	9	31
/ 19	.1																	1	1	1	29
/ 17																					18
/ 15																					5
TOTAL	5.6	54.8	35.7	4.4														846	846		846
																		846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.	5425770	67265	79.5	9.630	846							
Dry Bulb	1226022	31740	37.5	6.455	846		18.3					84
Wet Bulb	1083118	29818	35.2	6.169	846		30.3					84
Dew Point	886583	26729	31.6	7.058	846		45.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771	MILDENHALL RAF UK	74-83	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ~~0900-1100~~ HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.2														2	2		
56/ 55			.4	.2														5	5		
54/ 53			.6	.5														9	9		
52/ 51		.1	1.2	.9														25	25	5	
/ 49		.6	2.[illegible]	1.1														31	31	14	1
/ 47		2.1	3.3	.7														52	52	34	7
46/ 45	.2	4.5	6.[illegible]	1.3	.1													103	103	65	27
44/ 43		4.5	3.2	1.3	.1													77	77	80	41
42/ 41	.1	4.7	5.[illegible]	.7	.1													90	90	81	81
/ 39	.2	5.8	3.9	1.4														96	96	65	85
36/ 37	1.1	4.3	7.7	.7														116	116	103	72
34/ 35	.2	3.8	5.8	1.2														93	93	88	70
32/ 33	.4	3.3	3.7	.2														64	64	136	77
30/ 31		2.8	.7															30	30	81	42
/ 29		3.3	.1															29	29	52	70
26/ 27	.7	1.4																18	18	27	140
/ 25		.5																4	4	9	69
24/ 23		.1																1	1	8	30
22/ 21	.1																	1	1	2	20
/ 19																					.1
/ 17																					3
TOTAL	3.1	41.6	44.2	12.5	.4														846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5113047	65163	77.2	10.543	846							
Dry Bulb	1397311	33983	40.2	6.149	846		8.2					84
Wet Bulb	1212288	31648	37.4	5.825	846		17.4					84
Dew Point	978889	28199	33.3	6.790	846		38.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1[illegible]71	MILDENHALL RAF UK	74-83	FEB

PAGE 1 — HOURS (L. S. T.): 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59						.1												1	1		
/ 57				.2	.2													10	10		
62/ 55			.2	1.3														13	13		
4/ 53			1.7	2.[illegible]	.8													38	38		
[illegible]/ 51		.1	3.9	2.4	.6													59	59	10	
[illegible]/ 49		.7	2.8	2.[illegible]	.4	.1												51	51	46	
[illegible]/ 47		.9	3.5	2.8	.2													63	63	64	6
[illegible]/ 45	.1	4.6	6.4	2.2	1.3	.2												126	126	72	48
94/ 43	.1	2.6	2.8	4.[illegible]	.2													89	89	100	65
82/ 41		2.8	3.7	3.2	.5													86	86	80	80
[illegible]/ 39	.8	3.7	2.6	4.7	.2	.1												103	103	73	94
[illegible]/ 37	.8	1.4	6.7	.7														82	82	104	67
[illegible]/ 35	.1	1.9	3.1	1.2	.1													54	54	71	72
38/ 33	.2	2.[illegible]	1.9	.2														37	37	132	60
[illegible]/ 31		1.9	.5	.1														21	21	51	38
[illegible]/ 29		.5	.4															7	7	28	65
[illegible]/ 27		.7																6	6	12	134
[illegible]/ 25																				3	54
[illegible]/ 23																					21
[illegible]/ 21																					29
[illegible]/ 19																					7
[illegible]/ 17																					3
[illegible]/ 13																					2
[illegible]/ 9																					1
TOTAL	2.2	23.8	47.2	27.9	5.3	.6												846	846	846	846

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Hum.	4445116	60450	71.5	12.198	846							
Dry Bulb	1605926	36472	43.1	6.304	846		3.4					84
Wet Bulb	1340229	33305	39.4	5.867	846		9.3					84
Dew Point	1029779	28887	34.1	7.168	846		35.1					84

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

15771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PAGE 1 15:0-17:0 HOURS (L. S. T.)

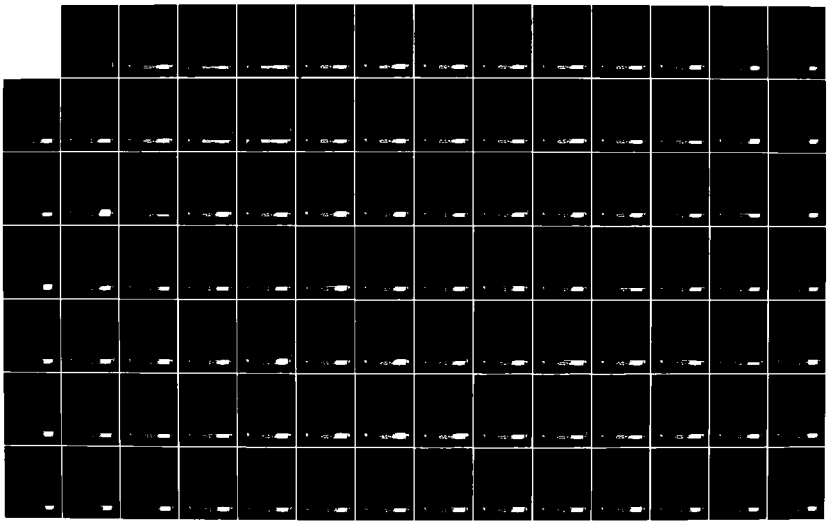
Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/57			.1	.1	.5	.1												7	7		
54/55			.4	1.4														15	15		
[illegible]/53			1.8	1.5	.2	.1												31	31	1	
[illegible]/51		.4	3.[illegible]	2.6	.6													57	57	5	
[illegible]/49		.7	1.9	1.4	.4													37	37	49	1
[illegible]/47		2.8	4.7	3.5	.4													97	97	47	15
[illegible]/45	.4	4.[illegible]	6.3	3.7	.4	.2												126	126	85	49
[illegible]/43		1.9	1.3	3.2	.5	.1												63	63	104	45
[illegible]/41	.1	2.8	4.4	3.7	.7													91	91	79	87
[illegible]/39	.4	4.[illegible]	3.4	3.7	.1	.1												99	99	65	87
[illegible]/37		1.8	5.[illegible]	1.8	.1													73	73	98	67
[illegible]/35	.6	2.4	4.3	2.[illegible]	.2													80	80	81	74
34/33	.1	1.4	1.2	.5														27	27	118	60
[illegible]/31		2.1	.3															25	25	65	45
[illegible]/29		.7	.1															7	7	3[illegible]	68
2[illegible]/27	.1	1.2																11	11	13	117
[illegible]/25																				6	47
24/23																					43
[illegible]/21																					22
[illegible]/19																					[illegible]
[illegible]/17																					[illegible]
16/15																					1
[illegible]/13																					1
1[illegible]/11																					[illegible]
TOTAL	1.7	26.2	39.0	28.6	3.6	.7												846	846		846
																		846		846	

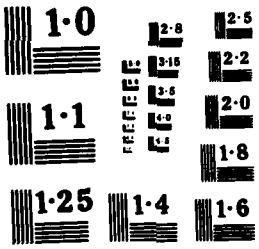
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4472631	6.663	71.7	12.53	846							
Dry Bulb	1586489	36245	42.8	6.311	846		4.3					48
Wet Bulb	1326714	33122	39.2	5.953	846		11.3					48
Dew Point	1023173	28760	34.0	7.336	846		35.8					48

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

AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 4/5

UNCLASSIFIED USAFETAC/DS 84/016 SBI-AD-E850 742 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	FEB

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55			.1	.1														2	2		
4/ 53			.2	1.1														19	19		
[illegible] / 51		.1	1.[illegible]	.4														20	20	1	
[illegible] / 49		.6	1.4	1.3														28	28	22	
[illegible] / 47	.1	7.3	2.7	.9														60	60	35	11
[illegible] / 45	.1	5.8	7.1	1.5														123	123	69	41
4/ 43	.1	4.[illegible]	3.3	1.7														77	77	86	39
[illegible] / 41		3.5	4.[illegible]	1.5														77	77	78	76
[illegible] / [illegible]	.2	6.1	4.3	.5														94	94	66	81
[illegible] / 37	.6	3.3	5.[illegible]	.4														78	78	100	68
[illegible] / 35	.5	3.5	6.[illegible]	1.8														100	100	81	69
[illegible] / 33	.4	3.4	5.4	.7														84	84	104	77
[illegible] / 31		3.1	.9	.1														35	35	98	34
[illegible] / 29		2.4	1.2															30	30	64	80
[illegible] / 27		2.1																18	18	25	116
[illegible] / 25		.1																1	1	16	73
[illegible] / 23																				1	31
2/ 21																					22
[illegible] / 19																					14
[illegible] / 17																					14
TOTAL	[illegible]	41.5	44.6	11.9														846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5029233	64637	76.4	10.364	846							
Dry Bulb	1497249	34117	40.3	6.174	846		8.3					84
Wet Bulb	1218802	31708	37.5	5.997	846		20.3					84
Dew Point	981051	28163	33.3	7.176	846		38.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	FEB

PAGE 1 ~~2160-2360~~ HOURS (C. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.6															5	5		
52/ 51		.2	2.2	.5														23	23		
50/ 49			1.1	.2														16	16	10	
48/ 47	.2	2.4	2.5	.6														48	48	27	8
46/ 45	.1	5.2	6.7	.9														110	110	46	21
44/ 43		5.4	2.2	1.1														72	72	87	37
42/ 41		5.4	3.7	.5	.1													82	82	96	60
40/ 39	.2	5.2	3.2	1.3														84	84	54	105
38/ 37	1.2	4.4	3.8	.1														80	80	87	59
36/ 35	.4	4.8	4.7	.7														90	90	76	69
34/ 33	.6	3.4	5.3	.5														83	83	118	69
32/ 31		5.1	3.1	.4														72	72	91	43
30/ 29	.2	2.7	2.2															44	44	77	81
28/ 27	.9	2.7	.2															33	33	47	128
26/ 25		.1																1	1	26	65
24/ 23		.4																3	3	1	32
22/ 21																				3	34
20/ 19																					21
18/ 17																					13
16/ 15																					1
TOTAL	3.2	47.5	41.1	7.3	.1													846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5238326	66028	78.0	10.267	846							
Dry Bulb	1325149	32994	39.0	6.285	846		15.2					88
Wet Bulb	1155839	30887	36.5	6.266	846		28.3					88
Dew Point	939050	27586	32.6	7.062	846		41.5					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	FEB

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59						.1												1	1		
/ 57			.1	.2	.1	.1												19	19		
58/ 55			.1	.4														35	35		
56/ 53			1.1	.7	.1	.1												121	121	1	
52/ 51		.2	1.8	.9	.2													211	211	22	
50/ 49		.5	1.6	1.2	.1	.1												228	228	166	4
48/ 47	.1	2.2	2.9	1.3	.1													445	445	270	73
46/ 45	.2	4.3	6.1	1.4	.2	.1												819	819	453	239
44/ 43	.1	4.1	2.5	1.5	.2	.1												565	565	648	308
42/ 41	.1	4.6	3.6	1.2	.1													654	654	679	515
40/ 39	.4	5.8	3.3	1.8	.1	.3												770	770	507	733
38/ 37	.9	3.3	5.4	.6	.1													686	686	764	561
36/ 35	.4	3.9	4.7	1.2	.1													684	684	597	568
34/ 33	.4	3.8	4.1	.4														586	586	964	523
32/ 31	.1	3.7	1.1	.1														338	338	703	333
30/ 29	.1	3.1	1.2															290	290	455	613
28/ 27	.7	3.6	.3															246	246	290	1024
26/ 25	.1	.5																38	38	191	546
24/ 23		.2	.1															14	14	38	264
22/ 21	.2	.1																16	16	27	216
20/ 19	.1																	2	2	3	149
18/ 17																					91
16/ 15																					11
14/ 13																					3
12/ 11																					3
10/ 9																					1
TOTAL	3.7	42.7	39.7	12.6	1.2	.2												6768	6768		6768
																				6768	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	40582600	518744	76.6	11.726	6768							
Dry Bulb	11058356	269846	39.9	6.653	6768		93.7					672
Wet Bulb	9558832	250848	37.1	6.216	6768		168.5					672
Dew Point	7663836	222556	32.9	7.185	6768		322.3					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72771	MILDENHALL RAF UK	74-83	MAR

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
55/ 55			.2															2	2		
54/ 53		.4	1.6															19	19		
53/ 52		.8	1.7	.4														27	27	12	
52/ 47	.1	1.5	2.2	.3														38	38	23	8
51/ 47	.1	1.9	2.3	.3	.1													44	44	43	20
46/ 45	.3	7.2	4.2	.3														108	108	45	48
44/ 43	.1	6.3	5.8	1.7	.2													132	132	87	51
42/ 41	.4	6.2	4.4	.2														105	105	119	55
40/ 39	.2	7.4	5.6	.4														127	127	105	98
38/ 37	1.4	6.3	4.1	1.2														121	121	149	108
36/ 35	.2	4.3	4.5	.9														98	98	113	117
34/ 33	.2	3.2	2.7	.5														62	62	104	107
32/ 31	.2	1.3	1.1															24	24	70	67
30/ 29	.1	1.5	.2															17	17	37	72
28/ 27		.4	.2															6	6	19	91
26/ 25																				4	36
24/ 23																					26
22/ 21																					15
20/ 19																					7
18/ 17																					3
16/ 15																					1
TOTAL	4.1	48.7	42.5	6.3	.3													930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5086551	74085	79.6	9.909	930							
Dry Bulb	1581289	38018	40.9	5.828	930		4.7					93
Wet Bulb	1198376	35718	38.4	5.379	930		13.0					93
Dew Point	1172910	32878	35.4	6.877	930		31.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 55			.1															1	1		
54/ 53		.1	1.2															12	12		
52/ 51		.9	.9	.3														19	19	17	
50/ 49		1.2	1.3	.2	.1													24	24	13	1
48/ 47	.3	2.6	.9	.3														38	38	40	23
46/ 45	.6	6.7	3.[illegible]	.4														100	100	48	46
44/ 43		4.5	5.9	1.[illegible]														106	106	68	48
42/ 41		9.7	4.4	.5														136	136	91	58
40/ 39		8.4	4.2	.2														119	119	119	68
38/ 37	1.3	7.1	4.7	.9														129	129	134	100
36/ 35	1.[illegible]	5.3	4.2	.3														100	100	129	112
34/ 33	.1	4.5	3.4	.8														82	82	116	115
32/ 31		1.[illegible]	1.[illegible]															18	18	84	61
30/ 29	.1	2.4	.8															31	31	34	92
28/ 27		1.2	.3															14	14	33	100
26/ 25		.1																1	1	9	44
24/ 23																				2	33
22/ 21																					13
20/ 19																					13
18/ 15																					2
14/ 13																					1
TOTAL	3.5	55.3	36.2	4.8	.1														937		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6098377	74759	80.4	9.777	930
Dry Bulb	1512489	37161	40.0	5.451	930
Wet Bulb	1344492	34998	37.6	5.435	930
Dew Point	1132018	31874	34.3	6.529	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		6.4					93
Wet Bulb		16.2					93
Dew Point		35.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 53			.8															7	7		
52/ 51		1.1	1.4	.4														27	27	6	
5 / 49		1.2	1.5	.3														27	27	14	
46/ 47	.3	3.1	2.3	.9	.2													60	60	44	20
8 / 45	1.2	5.1	3.8	.3														96	96	70	53
4/ 43	.1	4.2	6.2	1.2														109	109	48	48
2/ 41	1	.4	4.6	.2														142	142	96	63
4 / 39	.1	9.8	3.7	.6														132	132	127	87
39/ 37	1.6	5.5	4.5	1.														117	117	149	96
36/ 35	.1	4.3	5.5	.1														93	93	96	111
34/ 33	.4	3.3	2.5	.6														64	64	128	113
32/ 31		1.4	1.1															23	23	65	59
/ 29		1.7	1.0															25	25	33	91
28/ 27	.1	.3	.2															6	6	28	98
/ 25		.2																2	2	5	30
24/ 23																				1	33
2/ 21																					14
/ 19																					12
14/ 15																					2
TOTAL	4.	51.	538.	7.	5.	.2													930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6039955	74371	80.0	9.988	930							
Dry Bulb	1550788	37688	40.5	5.368	930		5.6					93
Wet Bulb	1376566	35432	38.1	5.355	930		13.2					93
Dew Point	1158303	32209	34.6	6.862	930		33.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 62					.1													1	1		
[illegible] / 59				.1		.1												2	2		
[illegible] / 57				.2	.3													5	5		
[illegible] / 55		.2	.5	1.1		.1												18	18		
[illegible] / 53		.9	2.4	1.6	.2													53	53	5	
[illegible] / 51		1.1	3.7	1.9	.8													68	68	29	3
[illegible] / 49	.1	.8	2.9	1.9	.2													55	55	40	14
[illegible] / 47	.1	2.8	4.6	1.5	.8	.1												92	92	69	26
[illegible] / 45	.3	5.1	11.1	3.9	1.4	.4												206	206	122	50
4/ 43		4.3	6.2	2.1	.2													124	124	105	62
[illegible] / 41	.1	5.7	4.2	1.4	.1													107	107	144	120
[illegible] / 39	.2	4.3	3.7	1.2														87	87	141	124
[illegible] / 37	.3	2.2	3.2	.8														60	60	101	105
[illegible] / 35	.2	1.5	1.9	.3														37	37	79	108
[illegible] / 33	.1	1.1	.3															14	14	70	90
[illegible] / 31																				19	56
[illegible] / 29																				5	56
[illegible] / 27																					61
[illegible] / 25																					24
[illegible] / 23																					16
[illegible] / 21																					11
[illegible] / 19																					3
TOTAL	1.5	29.7	44.8	18.1	5.3	.8												929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5238197	68891	74.2	11.813	929							
Dry Bulb	1887063	41579	44.8	5.306	929							93
Wet Bulb	1605520	38342	41.3	4.984	929		2.4					93
Dew Point	1289221	34127	36.7	6.190	929		22.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L.S.T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.3			.1									4	4		
62/ 61					.3	.1	.2	.3										9	9		
60/ 59				.4	.4	.5	.1											14	14		
58/ 57			.3	1.4	1.5	.8												41	41		
56/ 55		.2	1.5	3.7	1.7													60	60	2	
54/ 53		.4	1.5	3.3	1.7	.6												71	71	18	
52/ 51		.2	4.9	2.9	2.4	.5												102	102	38	8
50/ 49		.5	2.3	2.0	1.1	.3												63	63	92	11
48/ 47		1.7	4.2	4.4	3.1	1.2	.1											128	128	101	29
46/ 45		4.3	6.1	6.6	3.1	.8												193	193	103	73
44/ 43		2.8	2.4	1.2	.2													67	67	136	67
42/ 41	.1	2.9	3.5	1.4	.5	.1												80	80	148	119
40/ 39		2.6	2.5	1.5														61	61	107	124
38/ 37	.1	1.0	1.2	.4														25	25	87	76
36/ 35		.6	.3															9	9	54	108
34/ 33		.1	.2															3	3	35	99
32/ 31																				7	54
30/ 29																				2	53
28/ 27																					50
26/ 25																					25
24/ 23																					16
22/ 21																					12
20/ 19																					3
18/ 17																					3
TOTAL	.2	16.7	31.2	29.1	16.7	5.3	.4	.3	.1									930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4831039	62777	67.5	13.265	930							
Dry Bulb	2153114	44432	47.8	5.712	930							93
Wet Bulb	1781257	39973	43.7	8.992	930		.9					93
Dew Point	1314723	34443	37.0	6.888	930		21.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]						.5			.3									7	7		
[illegible] / [illegible]				.4	.4		.2	.3	.3									15	15		
[illegible] / 59				.4	.3	.4	.3	.3										17	17		
[illegible] / 57			.1	1.2	1.2	.6												29	29	2	
59 / 55			.9	2.7	2.3	.2												56	56	4	
4/ 53		.3	1.8	2.6	2.9	.2	.5											78	78	14	2
[illegible] / 51		.4	3.[illegible]	2.5	1.[illegible]	.4	.1											69	69	31	3
[illegible] / 49		.1	2.2	3.2	1.[illegible]	1.1												78	78	78	6
[illegible] / 47		2.5	3.9	4.1	2.[illegible]	.4												119	119	89	25
4/ 45	.1	4.1	6.6	4.6	3.1	1.5												186	186	116	77
4/ 43	.2	2.4	3.1	2.8	.9	.1												88	88	132	63
[illegible] / 41		3.1	4.5	2.3	.6													97	97	132	102
[illegible] / [illegible]		2.4	2.4	1.7														57	57	116	112
[illegible] / 37		.5	1.1	.5														20	20	103	92
[illegible] / 35		.5	.5	.2														13	13	68	106
34/ 33																				35	86
[illegible] / 31																				7	58
[illegible] / 29																				2	69
[illegible] / [illegible]																					55
[illegible] / 25																					32
24/ 23																					20
[illegible] / 21																					17
[illegible] / 19																					3
[illegible] / 17																					1
TOTAL	.3	16.7	28.9	29.4	16.6	5.6	1.2	.4	.5									929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4282117	61765	66.5	13.679	929
Dry Bulb	2137152	44230	47.6	5.812	929
Wet Bulb	1712079	39609	42.6	5.013	929
Dew Point	1273480	33857	36.4	6.560	929

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							93
Wet Bulb		.9					93
Dew Point		25.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.) 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
61/ 59					.1													1	1		
60/ 57			.1	.4		.1	.1											8	8		
59/ 55		.1	.2	.6	.4	.1	.1											16	17		
58/ 53		.4	2.2	.7	.2	.3												37	37	6	
57/ 51		1.1	3.6	1.3	.8													62	62	18	4
56/ 49		.6	2.2	1.2	.2	.3												42	42	40	4
55/ 47		2.3	4.2	1.9	1.1													98	98	61	20
54/ 45		5.5	9.1	3.7	2.[illegible]													189	189	93	67
53/ 43	.3	2.8	6.5	3.2	.8													124	124	111	59
52/ 41		5.2	6.4	1.6	.2													124	124	126	86
51/ 39		4.7	4.6	1.3	.1													100	100	138	99
50/ 37	.4	2.4	3.8	.6														67	67	134	104
49/ 35		1.1	1.6	1.4														34	34	88	95
48/ 33		.5	1.6	.2														22	22	67	119
47/ 31		.2	.2															4	4	26	60
46/ 29																				19	61
45/ 27																				2	78
44/ 25																					53
43/ 23																					21
42/ 21																					15
41/ 19																					3
40/ 17																					1
TOTAL	.3	28.2	46.3	17.9	6.3	.9	.2												930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,996,01	67997	73.2	11.496	929							
Dry Bulb	1840150	41370	44.2	5.335	930		.4					93
Wet Bulb	1551947	37675	40.6	5.92	929		4.7					93
Dew Point	1230832	33280	35.8	6.818	929		27.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B	TOTAL Dew Point	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55			.1																1		
[illegible] / 53		.2	1.7	.3														[illegible]	21		
[illegible] / [illegible]	.2	1.1	3.[illegible]															4		11	2
[illegible] / 49	.1	1.5	1.6	.4	.2													36	36	35	3
[illegible] / 47		[illegible].2	3.1	1.2														70	70	53	22
46 / 45	.4	4.9	8.[illegible]	1.4	.6													143	143	60	65
1[illegible]47 / 43	.2	4.4	7.[illegible]	2.5	.1													132	132	93	47
[illegible] / 41		6.3	4.2	2.[illegible]														124	124	109	71
4[illegible] / [illegible]	.2	7.8	4.9	.6														127	127	123	1[illegible]1
[illegible] / 37	.6	3.7	5.2	.1														89	89	144	1[illegible]8
[illegible] / 35		2.6	4.2	.6														69	69	106	88
3[illegible] / 33		2.2	3.[illegible]	.3														51	51	100	113
[illegible] / 31		1.[illegible]	.6	.1														16	16	49	49
[illegible] / [illegible]		1.[illegible]	.2															11	11	34	69
[illegible] / 27																				13	111
[illegible] / 25																					43
[illegible] / 23																					21
[illegible] / 21																					15
[illegible] / 19																					2
[illegible] / [illegible]																					3
TOTAL	1.[illegible]	39.9	46.9	1[illegible].4	1.[illegible]													930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5669159	71981	77.4	10.266	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1669641	39229	42.0	5.363	930		2.7					93
Wet Bulb	1450672	36396	39.1	5.320	930		9.6					93
Dew Point	1193948	32766	35.2	6.523	930		31.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03771	MILDENHALL RAF UK	74-83	MAR

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1			.2									11	11		
62/ 61				.1	.1	.2	.1	.1	.2									26	26		
/ 59				.1	.1	.1	.1	.										34	34		
/ 57			.1	.1	.4	.2	.1											83	83	2	
56/ 55		.1	.4	.2	.6	.1	.1											154	155	6	
54/ 53		.3	1.6	1.1	.7	.1	.1											298	298	43	2
52/ 51	.	.8	2.8	1.7	.6	.1	.											414	414	155	20
50/ 49	.	.9	2.2	1.3	.5	.2												363	363	335	47
/ 47	.1	2.5	3.1	1.8	.9	.2	.1											649	649	500	185
46/ 45	.4	5.3	6.5	2.6	1.3	.3												1221	1221	657	479
44/ 43	.1	4.1	5.4	1.9	.4	.1												882	882	800	445
42/ 41	.1	6.2	4.5	1.3	.2	.1												915	915	965	674
/ 39	.1	5.0	3.9	1.1	.2													810	810	976	813
38/ 37	.7	3.6	3.5	.7														628	628	1001	789
/ 35	.7	2.5	2.0	.4														453	453	733	845
34/ 33	.1	1.9	1.7	.3														298	298	655	842
/ 31	.	.6	.5	.0														85	85	327	864
/ 29	.	.3	.2															54	54	166	503
/ 27	.	.2	.1															26	26	95	644
/ 25		.																3	3	18	264
/ 23																				3	186
22/ 21																					112
/ 19																					46
/ 17																					11
/ 15																					5
14/ 13																					1
TOTAL	2.	35.7	39.3	15.2	5.8	1.6	.3	.1	.1										7438		7437
																		7437		7437	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9281299 6	556586	74.8	12.479	7437							
Dry Bulb	14326696	323164	43.4	6.201	7438		19.8					744
Wet Bulb	12180939	298139	40.1	5.549	7437		67.9					744
Dew Point	9761035	265025	35.6	6.525	7437		229.7					744

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

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CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.3														3	3		
/ 55		.3	.1	.2		.3												11	11	1	
/ 53		.1	1.4	1.4	.1													28	28	1	1
/ 51		.3	3.1	.6	.1													36	36	7	
/ 49		1.7	1.8	1.3	.3													46	46	33	5
/ 47		2.7	4.1	1.1														71	71	52	16
/ 45	.2	5.6	11.2	1.7														168	168	58	49
4/ 43	.8	4.4	1.3	2.1														158	158	131	59
/ 41	.6	3.7	5.1	.6														91	91	139	54
/ 39	.1	3.1	4.3	.1														91	91	146	129
/ 37	.3	2.7	2.3															52	52	104	116
/ 35	.3	3.2	3.1															78	78	81	163
/ 33	.1	2.2	2.1															49	49	83	77
/ 31		1.1	.2															11	11	41	62
/ 29		.4	.1															5	5	20	64
/ 27	.2																	2	2	6	75
/ 25																					17
/ 23																					8
/ 21																					5
TOTAL	2.2	36.2	52.2	17.0	.6	.3													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5475755	69725	77.5	9.73	900							
Dry Bulb	1679793	38571	42.9	5.457	900		1.8					90
Wet Bulb	1458671	35951	39.9	5.713	900		6.7					90
Dew Point	1204533	32543	36.2	5.562	900		23.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.) 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.3														3	3		
56/ 55			.3	.3														6	6		
54/ 53			.7	.7														12	12		
52/ 51		.1	2.7	.2														27	27	6	
50/ 49		.6	1.8															21	21	20	
48/ 47		2.2	2.8	.7	.2													51	51	43	7
46/ 45	.8	4.6	12.3	1.6	.2													175	176	54	51
44/ 43	.9	4.6	11.5	1.7														167	167	89	58
42/ 41	.7	5.3	5.9	.3														110	110	156	63
40/ 39	.4	6.7	2.8	.2														91	91	150	115
38/ 37	.3	3.4	3.3															64	64	118	120
36/ 35	.1	3.8	1.9	.2														54	54	71	139
34/ 33	.6	4.7	2.3															68	68	85	91
32/ 31		2.1	.4															23	23	66	48
30/ 29		1.6	.7															20	20	20	61
28/ 27	.4	.3																7	7	21	100
26/ 25																					24
24/ 23																					16
22/ 21																					6
TOTAL	4.2	33.7	49.4	6.2	.4													899	900	899	899

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5703438	71152	79.1	8.956	899							
Dry Bulb	1590019	37505	41.7	5.491	900		5.0					90
Wet Bulb	1393780	35112	39.0	5.083	899		10.7					90
Dew Point	1165149	31967	35.6	5.629	899		25.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 57			.7	.4														7	7		
58/ 55		.1	.2	1.2														13	13		
56/ 53			.2	1.6	.2													24	24	4	
54/ 51		.2	3.4	1.1	.3													45	45	6	1
52/ 49		.7	2.7	.9	.2													40	40	37	3
50/ 47	.1	3.1	5.9	1.8	.2													99	99	54	8
48/ 45	.9	7.1	12.7	3.3	.3													219	219	104	69
46/ 43	.7	2.7	13.8	1.9	.1													145	145	127	74
44/ 41	.4	4.3	3.6	.8														82	82	141	93
42/ 39	.4	4.7	2.7	.3														73	73	158	135
40/ 37	.7	2.2	2.6															49	49	88	109
38/ 35	.4	3.3	1.7															49	49	65	129
36/ 33		2.3	1.6															35	35	66	78
34/ 31		1.1																10	10	28	44
32/ 29	.1	.8																8	8	16	61
30/ 27	.2																	2	2	6	71
28/ 25																					16
26/ 23																					9
TOTAL	4.9	32.7	48.8	13.2	1.3													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5431692	69358	77.1	9.818	900							
Dry Bulb	1745109	39327	43.7	5.445	900		2.0					90
Wet Bulb	1510300	36600	40.7	4.938	900		5.0					90
Dew Point	1245858	33120	36.8	5.985	900		20.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	APR

PAGE 1 ~~0900-1100~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 69								.1										1	1		
69/ 67								.1										1	1		
67/ 65							.4											4	4		
64/ 63						.1		.1	.1									12	12		
62/ 61				.1	.3	.3	.1											8	8		
60/ 59				.3	1.7	.7	.2											26	26		
58/ 57			.1	2.3	2.0	.7												46	46	1	
56/ 55			.3	4.6	1.9	.9												69	69	5	
54/ 53			.2	3.8	3.1	.7	.6											93	93	22	
52/ 51		.4	4.3	3.7	2.7	.3												100	100	43	1
50/ 49	.2	.3	3.6	4.2	.8	.8	.2											91	91	119	3
48/ 47	.1	1.6	3.6	4.8	2.4	.1												113	113	101	23
46/ 45	.2	2.6	11.0	5.3	1.4	.1												177	177	142	108
44/ 43	.1	1.2	3.3	2.3	.3													66	66	118	109
42/ 41	.1	.8	2.1	1.0														36	36	132	89
40/ 39	.2	1.8	1.1	.6														33	33	105	114
38/ 37	.3	1.0	.7															18	18	67	100
36/ 35		.3	.2															5	5	29	120
34/ 33		.1																1	1	14	70
32/ 31																				2	57
30/ 29																					47
28/ 27																					44
26/ 25																					10
24/ 23																					3
22/ 21																					2
TOTAL	1.3	11.1	31.2	33.3	16.7	5.7	1.6	.3	.1										900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4139972	598.8	66.5	12.278	900							
Dry Bulb	2210713	44297	49.2	5.821	900			.2				90
Wet Bulb	1770597	39693	44.1	4.717	900		.2					90
Dew Point	1331155	34251	38.1	5.588	900		16.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.): 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1	.4								5	5		
70/ 69						.1		.1	.2									6	6		
68/ 67							.3	.3	.3									9	9		
66/ 65					.1	.1	.9	.7	.2									18	18		
64/ 63				.1	.4	1.9	.1	.4	.3									30	30		
62/ 61				.1	1.9	1.7	.4	.3										39	39		
60/ 59			.1	1.3	1.4	1.6	.4	.1										45	45	1	
58/ 57				1.6	4.1	3.2		.1										82	82	5	
56/ 55			.3	3.4	1.2	1.3	.7	.3										64	64	29	
54/ 53			.9	5.2	6.1	1.2	1.7											135	135	57	
52/ 51	.3		1.9	2.9	4.2	2.3	.4											109	109	49	10
50/ 49		.3	1.7	2.7	1.7	1.1	.3											70	70	136	4
48/ 47		.9	1.6	2.9	1.6	.3												65	65	93	27
46/ 45	.1	1.4	6.1	4.3	2.7													128	128	145	97
44/ 43		.4	2.3	2.1	1.3													56	56	110	96
42/ 41			.6	.8														12	12	110	99
40/ 39		1.2	.4	.1	.2													18	18	78	91
38/ 37	.2	.4																6	6	59	79
36/ 35	.1	.2																3	3	25	133
34/ 33																				1	79
32/ 31																				2	43
30/ 29																					42
28/ 27																					55
26/ 25																					29
24/ 23																					10
22/ 21																					3
20/ 19																					3
TOTAL	.8	5.0	15.7	27.2	26.8	14.9	5.3	2.1	1.2	.4									900		900
																		900		900	

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3283246	52984	58.9	13.507	900							
Dry Bulb	2495945	47113	52.2	6.682	900			2.0				90
Wet Bulb	1881994	40900	45.4	5.093	900		.2					90
Dew Point	1306009	33829	37.6	6.224	900		18.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5271	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1	.4								5	5		
70/ 69								.1	.1	.4								6	6		
68/ 67								.1	.3									4	4		
66/ 65					.2	.4	.3	.8	.3									19	19		
64/ 63				.2	.7	2.2	.2	.3										35	35		
62/ 61					2.6	1.6	1.9	.4										58	58		
60/ 59				.8	1.4	1.2	.7	.2	.1									40	40	1	
58/ 57			.3	1.4	3.2	1.8	.2	.3										64	64	8	
56/ 55				3.2	3.8	1.9	.9											88	88	15	
54/ 53			.9	3.1	4.4	.3	2.1	.1										99	99	61	3
52/ 51	.3		2.2	3.2	4.1	1.7	.7											108	108	57	19
50/ 49		.2	1.1	2.7	1.7	1.1	.1											62	62	112	6
48/ 47		.8	1.7	3.6	2.1	1.2	.2											84	84	113	19
46/ 45	.2	1.3	5.1	3.1	2.9	.7												128	128	122	80
44/ 43		.1	2.2	1.3	.9													39	39	127	91
42/ 41		.8	1.2	.7	.2													26	26	104	87
40/ 39		1.4	.9	.3														24	24	90	103
38/ 37	.1	.3	.1															5	5	51	78
36/ 35	.3	.1																4	4	32	143
34/ 33	.2																	2	2	7	77
32/ 31																					53
30/ 29																					37
28/ 27																					70
26/ 25																					19
24/ 23																					13
22/ 21																					8
20/ 19																					1
18/ 15																					2
TOTAL	1.2	5.1	16.4	23.4	28.7	13.7	7.3	2.9	1.0	.9								900	900		900
																				900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3283935	52529	58.4	18.273	900							
Dry Bulb	2487193	46900	52.1	6.930	900			1.5				90
Wet Bulb	1862237	40673	45.2	5.181	900							90
Dew Point	1276403	33815	37.1	6.309	900		20.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/65									.1									1	1		
62/63				.1	.2	.5	.9	.7										12	12		
60/61					.1	.2	.3	.1										16	16		
58/59				.7	.6	.6	.4	.1										23	23		
56/57		.2	.1	1.6	1.4	1.1	.1	.2										43	43	1	
54/55			.6	3.6	1.1	.7	.6											58	58	7	
52/53			.9	3.7	2.4	.4	.3											70	77	21	3
50/51		.1	3.2	3.1	2.3	.6												84	84	32	1
48/49	.1		3.1	2.4	1.[illegible]	1.3												69	69	89	9
46/47	.1	1.9	4.1	4.3	1.2	.6												114	114	92	17
44/45		2.6	9.7	6.8	2.6	.7												200	200	110	34
42/43	.4	.1	5.3	3.8	.4													88	88	136	82
40/41	.3	.7	1.6	1.2	.2													36	36	128	79
38/39		2.[illegible]	1.8	1.2														45	45	121	102
36/37	.4	1.[illegible]	1.7	.1														29	29	79	109
34/35		.6	.1	.1														7	7	44	112
32/33	.2	.2	.1															5	5	36	90
30/31																				4	57
28/29																					59
26/27																					56
24/25																					24
22/23																					13
20/21																					3
TOTAL	1.7	9.3	31.9	33.1	14.9	6.3	1.9	.8	.1									900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4059192	59356	66.0	12.682	900							
Dry Bulb	2133387	43475	48.3	6.286	900							90
Wet Bulb	1700068	38856	43.2	5.506	900		.4					90
Dew Point	1260706	33250	36.9	5.994	900		21.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.) 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 61					.2	.1												3	3		
[illegible] / 59				.3		.1												4	4		
[illegible] / 57		.3		.7														9	9		
56 / 55		.2	.1	1.2	.7		.1											21	21	3	
[illegible] / 53		.1	1.1	1.3	.9													35	35	7	3
[illegible] / 51		.1	2.8	1.2	.9													45	45	10	2
[illegible] / 49		.1	3.7	1.1	.7													50	50	39	2
48 / 47	.3	3.2	4.0	3.2	.4													101	101	58	13
47 / 45		4.4	13.7	3.2	1.2													193	193	94	62
46 / 43	.6	3.2	12.6	3.1	.1													176	176	126	73
45 / 41	.3	1.7	3.6	1.4														63	63	151	67
[illegible] / 39		3.2	4.0	.8														70	70	142	120
[illegible] / 37	.2	2.3	3.6	.1														56	56	87	117
[illegible] / 35		1.8	2.3	.2														39	39	70	132
34 / 33	.3	1.3	1.4															28	28	73	86
[illegible] / 31		.8																7	7	38	53
[illegible] / 29																				2	68
[illegible] / 27																					72
[illegible] / 25																					23
[illegible] / 23																					7
TOTAL	1.5	22.7	52.1	18.2	4.9	.2	.1											900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5017301	66589	73.9	10.358	900
Dry Bulb	1836142	40012	49.5	5.500	900
Wet Bulb	1528867	36827	47.9	8.941	900
Dew Point	1223188	32792	36.8	5.616	900

	Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb		.7					90
Wet Bulb		4.0					90
Dew Point		22.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	WILDENHALL RAF UK	74-83	APR

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/72									.1	.1								10	10		
71/69						.1		.1	.1	.1								13	13		
70/67							.1	.1	.1									14	14		
69/65					.1	.1	.2	.2	.1									42	42		
68/63				.1	.2	.7	.1	.2	.1									89	89		
67/61				.1	.8	.5	.3	.1										124	124		
66/59			.1	.4	.7	.5	.2	.1	.1									138	138	2	
65/57		.1	.1	1.1	1.3	.8	.1	.1										257	257	15	
64/55		.1	.2	2.3	1.1	.6	.3											330	330	60	
63/53		.1	1.1	2.7	2.2	.3	.6											496	496	173	10
62/51	.1	.2	2.9	2.7	1.8	.6	.1											554	554	210	25
61/49		.5	2.4	1.9	.8	.5	.1											449	449	585	32
60/47	.1	2.7	3.4	2.3	1.7	.3	.1											698	698	606	130
59/45	.3	3.7	1.1	3.6	1.4	.2												1388	1389	829	600
58/43	.4	2.1	7.2	2.3	.4													895	895	964	642
57/41	.3	2.2	2.9	.8	.1													456	456	1061	631
56/39	.2	3.2	2.3	.5	.1													445	445	990	909
55/37	.3	1.7	1.8	.1														279	279	653	828
54/35	.2	1.9	1.2	.1														239	239	417	1071
53/33	.2	1.5	.9															188	188	362	648
52/31		.6	.1															51	51	181	417
51/29	.1	.3	.1															33	33	58	439
50/27	.1	.1																11	11	33	543
49/25																					162
48/23																					79
47/21																					27
46/19																					4
45/17																					2
TOTAL	.22	.1	37.7	20.6	11.7	5.1	2.0	.9	.3	.2								7199	7200	7199	7199

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	363245.1	501461	69.7	13.917	7199							
Dry Bulb	16148196	337100	46.8	7.124	7200		9.5	3.7				720
Wet Bulb	13106514	304602	42.3	5.507	7199		27.2					720
Dew Point	10012956	265162	36.8	5.848	7199		167.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 61				.3														3	3		
[illegible]/ 59		.1	.1	.2	.1	.1												6	6	1	
[illegible]/ 57		.5	1.4	.6	.4	.1												29	29	1	1
56/ 55		1.5	1.3	1.8	.3													46	46	13	2
[illegible]/ 53	.1	1.7	5.8	2.9	.2	.1												101	101	35	16
[illegible]/ 51	.3	2.[illegible]	7.6	.9	.2													102	102	55	30
[illegible]/ 49	.2	4.1	4.9	1.1	.3													99	99	108	36
48/ 47	.5	8.2	4.6	1.[illegible]	.1													134	134	141	63
[illegible]/ 45	1.5	1.4	8.2	.9														195	195	175	175
[illegible]/ 43	1.[illegible]	2.9	3.3	1.3														79	79	131	135
[illegible]/ 41	.3	3.3	2.2															44	44	100	114
[illegible]/ 39	.1	2.7	1.[illegible]															35	35	57	121
38/ 37	.1	1.1	1.[illegible]															20	20	49	57
[illegible]/ 35	.2	1.6	.6															23	23	28	66
34/ 33		.8	.5															12	12	24	48
[illegible]/ 31		.2																2	2	11	35
[illegible]/ 29																				1	14
[illegible]/ 27																					14
[illegible]/ 25																					3
TOTAL	4.4	4.1	42.6	10.9	1.7	.3													933		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Noon No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6065368	78536	84.4	9.929	930							
Dry Bulb	2134147	44267	47.6	5.900	930		.2					93
Wet Bulb	1887082	41634	44.8	4.999	930		1.2					93
Dew Point	1641963	38725	41.6	5.632	930		6.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7577[illegible]	WILDENHALL RAF UK	74-83	MAY

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59				.1														1	1		
/ 57		.1	.5	.2	.2													10	10		
56 / 55		1.1	.5	1.4	.1													30	30	1	1
/ 53		1.5	2.9	1.														50	50	21	5
/ 51	.3	3.9	7.5	1.5	.2													125	125	40	23
/ 49	.3	2.6	3.3	1.1	.1													73	73	91	23
/ 47	.3	9.1	4.3	.3	.2													130	130	129	52
47 / 45	2.6	14.1	9.8	.4														252	252	207	187
44 / 43	1.1	2.4	5.4	.5														87	87	129	150
/ 41	.2	1.8	2.7															44	44	92	119
/ 39	.1	4.7	1.7															61	61	70	104
/ 37	.4	1.2	.3															18	18	71	86
/ 35		1.2	1.3															23	23	27	63
33 / 33		1.1	.6															17	17	23	36
/ 31	.1	.5																6	6	23	21
/ 29		.2																3	3	6	26
/ 27																					29
/ 25																					5
TOTAL	5.1	45.6	43.9	6.6	.9													930	930		930
																				930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6321946	76180	81.9	9.380	930							
Dry Bulb	2023156	43106	46.4	5.205	930		.9					93
Wet Bulb	1811607	40783	43.9	4.993	930		2.9					93
Dew Point	1595048	38158	41.0	5.659	930		8.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
125271	MILDENHALL RAF UK	74-83	MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.1	.1		.2											4	4		
64/ 63			.1	.4	.5	.4												14	14		
62/ 61		.1	.5	.5	.9	.3												22	22		
60/ 59		.3	.5	1.1	.6	.4												28	28	5	
58/ 57		.9	1.7	2.6	1.4	.3												64	64	12	3
56/ 55	.1	1.5	2.4	3.4	1.6	.1												85	85	31	6
54/ 53		1.3	6.3	3.7	1.5													119	119	53	20
52/ 51	.5	1.7	8.8	2.6	.6													134	134	86	35
50/ 49	.1	2.9	4.8	1.8		.1												91	91	157	37
48/ 47	.6	6.2	5.2	.9														120	120	173	94
46/ 45	1.4	6.8	6.3	1.8														152	152	166	237
44/ 43	.3	1.2	2.7	.2														41	41	95	114
42/ 41	.1	1.2	.9															20	20	65	123
40/ 39	.1	.4	1.2	.1														15	15	42	96
38/ 37	.1		.6															7	7	15	69
36/ 35		.5	.3															8	8	11	39
34/ 33		.5																5	5	15	22
32/ 31		.1																1	1	4	11
30/ 29																					13
28/ 27																					11
TOTAL	3.4	25.7	42.3	19.2	7.4	1.7	.2											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5528885	70907	76.2	11.301	930
Dry Bulb	2402269	46983	50.5	5.560	930
Wet Bulb	2063005	43577	46.9	4.768	930
Dew Point	1750388	40036	43.0	5.373	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.1					93
Wet Bulb		.8					93
Dew Point		3.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	MAY

PAGE 1 — HOURS (L. S. T.): 1900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 77									.1									1	1		
77/ 75							.0	.1										2	2		
74/ 73							.0	.1	.1									7	7		
71/ 71						.0	.2	.0	.2									9	9		
71/ 69					.1	1.0	.6	.7	.2	.1								20	25		
69/ 67			.1			.5	.5	.7	.1									16	16		
67/ 65				.7	1.1	.3	1.1	.4	.1									31	31		
67/ 63		.1	.1	1.5	1.5	3.7	1.1	.6										80	80	2	
67/ 61		.4	.5	1.7	3.7	.9	1.	.7										79	79	17	1
67/ 59		.2	.8	2.2	2.1	1.9	1.4	.4										83	83	28	2
67/ 57		.3	1.3	5.6	2.6	1.5	.1											108	108	47	6
67/ 55		1.1	1.2	5.5	2.5	.8												102	102	67	17
67/ 53		.6	2.9	3.1	3.2	.1	.4											97	97	116	35
67/ 51		1.3	4.4	2.5	1.7	.6	.1											99	99	118	53
67/ 49	.2	.8	2.3	1.6	.8	.2												54	54	170	45
67/ 47	.1	2.9	2.6	1.6	1.7													76	76	125	88
67/ 45		1.7	1.5	1.2	1.3													51	51	111	214
67/ 43			.3	.2														5	5	64	100
67/ 41			.3															1	1	33	96
67/ 39		.1	.1															2	2	18	78
67/ 37		.2																2	2	11	74
67/ 35																				3	41
67/ 33																					34
67/ 31																					13
67/ 29																					16
67/ 27																					15
67/ 25																					2
TOTAL	.3	9.6	18.2	27.2	21.4	12.0	7.3	3.0	.9	.1									930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3932192	59170	63.5	13.931	930							
Dry Bulb	2981785	52303	56.2	6.584	930			6.0	1.0			93
Wet Bulb	2330388	46310	49.8	5.178	930							93
Dew Point	1785250	40332	43.4	6.237	930		4.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25271 — STATION
WILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

PAGE 1 — HOURS (L.S.T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 79								•	•1	•2								4	4		
7/ 77								•[illegible]	•2	•2								[illegible]	10		
[illegible]/ 75							•1	•1	•4	•2								11	11		
24/ 73							•2	•4	•3									13	13		
/ 71						•4	•2	•2	•6	•2								26	26		
1/ 69				•1	•3	•6	1.4	1.6	•9	•2								48	48		
/ 67					•2	•5	1.[illegible]	1.[illegible]	•2									27	27		
6/ 65				•2	•3	•3	1.6	•[illegible]	•3									35	35	3	
/ 63		•1	•2	3.2	2.3	4.8	1.3	1.	•9									123	128	11	
4/ 61			•5	•8	3.2	1.5	1.6	1.1	•3									85	85	22	3
/ 59		•1	•5	1.4	2.[illegible]	2.3	1.7	•7										85	85	40	1
2/ 57		•1	•8	3.[illegible]	2.2	2.2		•										77	77	75	5
5/ 55		•4	1.1	4.6	2.6	1.3	•5											98	98	78	29
6/ 53		•8	2.5	3.4	3.8	•5	•5											107	107	118	32
/ 51	•2	•8	2.3	1.6	2.7	•8	•1											78	78	119	52
12/ 49	•1	•5	2.2	•4	•4	•2												36	36	156	42
/ 47		1.3	•4	•2	•2	•4												29	29	142	85
41/ 45		•6	•3	•9	1.1													27	27	76	193
4/ 43				•[illegible]														5	5	46	167
/ 41		•1																1	1	13	94
6/ 39																				22	72
2/ 37																				9	67
/ 35																					51
3/ 33																					37
/ 31																					11
1/ 29																					27
/ 27																					24
1/ 25																					2
TOTAL	•3	4.8	11.[illegible]	21.1	22.2	15.9	10.9	8.5	4.3	1.1								930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3257585	53329	57.3	18.656	930							
Dry Bulb	3284661	54857	59.[illegible]	7.253	930			13.9	3.8	•2		93
Wet Bulb	2438588	47368	50.9	5.288	930							93
Dew Point	1764296	40032	43.0	6.652	930		6.8					93

USAFETAC FORM AW 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	WILDENRAH RAF UK	74-83	MAY

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]										.1								2	2		
[illegible] / 79									.3	.1	.2							6	6		
77 / 77								.	.4	.3								8	8		
76 / 75							.4	.2	.5	.2	.1							15	15		
74 / 73						.1	.1	.2	.2									10	10		
[illegible] / [illegible]							.5	.6	1.1	.1								21	21		
[illegible] / 69					.1	.3	.2	1.4	1.3	.1								39	39		
[illegible] / 67					.2	.5	.4	.3	.1									16	16		
67 / 65				.1	1.1	1.1	2.3	.0	.3									58	58	2	
64 / 63				1.1	1.8	5.2	1.8	1.1	.4									118	118	13	
[illegible] / 61		.2	.6	.5	3.4	1.2	2.5	1.1	.2									90	90	20	
[illegible] / 59			1.0	1.0	2.3	1.5	1.3	1.1										75	75	41	
[illegible] / 57		.2	1.3	3.1	2.4	2.3	1.1											101	101	60	7
56 / 55		.4	1.2	4.1	2.2	1.1	.1											90	90	82	27
[illegible] / 53		.3	2.2	3.1	3.3	.5	.2											95	95	124	27
[illegible] / 51		.3	3.0	1.1	1.9	.8	.1											73	73	123	46
[illegible] / 46	.2	.6	1.6	1.5	.4	.9												47	47	139	38
[illegible] / 47	.1	1.4	1.1	.2	.4	.2												32	32	148	76
[illegible] / 45		.4	1.1	.3	.4													24	24	85	205
[illegible] / 43		.1	.2	.1														4	4	43	102
[illegible] / 41		.1	.3															4	4	26	86
[illegible] / [illegible]		.2																2	2	17	88
[illegible] / 37																				17	71
[illegible] / 35																					51
34 / 33																					43
[illegible] / 31																					17
[illegible] / [illegible]																					20
[illegible] / 27																					23
[illegible] / 25																					3
TOTAL	.1	4.1	13.4	19.1	21.4	15.7	12.2	7.6	4.3	1.1	.1								931		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3258465	53211	57.21	15.175	930							
Dry Bulb	3268252	54724	58.8	7.371	930			11.7	4.1	.5		93
Wet Bulb	2417458	47166	50.7	5.227	930							93
Dew Point	1739857	39763	42.8	6.541	930		6.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PAGE 1 ~~1860-2000~~ (HOURS (L.S.T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 79									.1									1	1		
1/ 75							.1	.2	.1									4	4		
4/ 75							.1	.1										4	4		
2/ 71						.2	.2	.2	.1									11	11		
1/ 69					.1	.4	.5	.2										16	16		
1/ 67					.2	.4	.3	.2										11	11		
6/ 65				.2	.3	.5	.2	.1	.1									19	19		
4/ 63			.1	2.1	1.2	2.2	1.5	.2										68	68	8	
1/ 61		.1	.2	1.1	2.8	.9	.8	.2	.1									61	61	15	
2/ 59		.1	1.3	1.2	3.1	1.8	.2	.2										87	87	17	
1/ 57		.1	1.3	3.5	1.9	2.2	.1	.2										94	94	45	5
5/ 55		.5	1.7	4.2	2.6	1.4	.3											100	100	59	26
4/ 53		.1	2.9	4.9	2.7	.4												103	103	96	37
2/ 51	.2	.5	4.1	3.1	3.3	.1												105	105	108	43
1/ 49		1.7	3.1	2.3	.5	.3												74	74	142	29
2/ 47	.4	3.4	2.5	2.2	1.2													90	90	161	77
4/ 45	.1	.8	3.3	.8	1.1													56	56	135	189
4/ 43		.3	.3	.6														12	12	70	109
1/ 41			.6	.2														8	8	45	59
1/ 39		.4																4	4	18	96
1/ 37		.2																3	3	21	75
1/ 35		.1																1	1	4	62
3/ 33																				1	43
2/ 31																					12
1/ 29																					19
2/ 27																					14
1/ 25																					1
TOTAL	.8	9.5	21.8	27.1	21.1	10.8	6.1	2.6	.5									933	933		933
																		933		933	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4 44823	59971	64.5	13.811	933							
Dry Bulb	2364249	51241	55.1	6.642	933			8.6	.9	.1		93
Wet Bulb	2253028	45524	49.1	5.146	933							93
Dew Point	1732302	39720	42.7	6.218	930		8.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	MAY

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/65					.1	.1												2	2		
64/63				.6	.5	.2												14	14		
62/61		.2	.6	.9	.5													21	21		
60/59		.1	1.1	1.2	.4	.2	.1											29	29	3	
58/57		.6	1.7	1.4	1.3	.3												50	50	18	2
56/55	.1	1.7	2.2	3.7	1.5	.1												86	86	29	8
54/53	.1	1.3	5.6	2.9	1.3	.1												105	105	55	23
52/51	.1	1.[illegible]	7.1	2.2	.5		.1											102	102	58	47
50/49		1.6	4.5	1.6	.3													77	77	134	23
48/47	.4	7.2	6.3	2.2	.3	.1												154	154	148	64
46/45	.6	6.8	1[illegible].1	1.3	.1													175	175	162	206
44/43		1.7	1.9	1.7														50	50	128	108
42/41		1.[illegible]	1.[illegible]	.4														22	22	92	111
40/39		1.[illegible]	1.5															23	23	42	123
38/37	.1	1.1	.3															13	13	27	69
36/35		.5	.1															6	6	25	59
34/33			.1															1	1	7	40
32/31																				2	16
30/29																					20
28/27																					11
TOTAL	1.[illegible]	25.7	44.2	27.1	7.1	1.[illegible]	.1											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5408211	70183	75.5	10.971	930							
Dry Bulb	2349451	46457	50.0	5.563	930							93
Wet Bulb	2011572	43006	46.2	4.959	930		.2					93
Dew Point	1691446	39298	42.3	5.765	930		.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
8/ 81										.1								2	2		
8/ 79								.0	.1	.0	.0							11	11		
7/ 77								.1	.1	.1								19	19		
7/ 75							.1	.1	.1	.1	.0							32	32		
7/ 73					.0	.0	.2	.1	.1									34	34		
7/ 71						.1	.3	.3	.2	.0								66	66		
7/ 69				.0	.1	.3	.4	.5	.3	.1								128	128		
6/ 67			.0		.1	.3	.3	.2	.1									70	70		
6/ 65				.2	.4	.3	.7	.3	.1									149	149	5	
6/ 63		.1	.1	1.2	1.0	2.1	.7	.5	.2									422	422	26	
6/ 61		.1	.4	.7	1.8	.6	.7	.3	.1									361	361	74	4
5/ 59		.1	.7	1.1	1.4	1.0	.7	.7										394	394	135	3
5/ 57		.5	1.2	2.6	1.5	1.1	.2	.										533	533	258	29
5/ 55	.0	1.0	1.5	3.6	1.7	.6	.1											637	637	360	106
4/ 53	.1	1.0	3.9	3.2	2.0	.2	.1											777	777	608	195
4/ 51	.2	1.4	5.6	2.0	1.4	.3	.1											818	818	707	329
4/ 49	.2	1.9	3.3	1.5	.4	.2												551	551	1007	273
3/ 47	.3	5.0	3.3	1.1	.4	.1												765	765	1167	599
3/ 45	.8	5.2	5.1	.9	.5													932	932	1117	1606
3/ 43	.3	1.1	1.8	.7														283	283	706	925
2/ 41	.1	.8	1.0	.1														144	144	466	842
2/ 39	.1	1.2	.7	.0														142	142	286	778
1/ 37	.1	.5	.3															62	62	213	568
1/ 35	.0	.5	.3															61	61	98	432
1/ 33		.3	.2															35	35	70	303
0/ 31	.0	.1																9	9	40	136
0/ 29		.1																3	3	7	155
0/ 27																					141
0/ 25																					16
TOTAL	2.2	20.6	29.3	18.9	12.9	7.2	4.6	2.7	1.3	.3	.0								7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37813071	517387	69.5	15.699	7440							
Dry Bulb	21307977	393918	52.9	7.791	7440		1.2	36.2	9.8	.8		7440
Wet Bulb	17212726	355372	47.8	5.661	7440		4.7					7440
Dew Point	13700498	316060	42.5	6.168	7440		88.8					7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	JUN

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/71							.2											2	2		
70/69					.3		.1											4	4		
68/67			.1	.1	.2													4	4		
66/65			.2	.1	.3	.1												7	7		
64/63			.8	.3	.3	.3												20	20	1	
62/61		.3	2.3	1.8	.4	.2												43	43	7	1
60/59		.6	3.8	.8	.3	.1												50	50	18	1
58/57	.2	6.8	3.8	2.1	.9	.1												124	124	57	11
56/55	.6	5.8	4.7	1.6														113	113	114	54
54/53	.6	5.2	9.8	2.1	.1	.1												161	161	115	125
52/51	.4	2.9	9.2	.9		.1												122	122	122	110
50/49	.2	3.9	6.3	.2		.1												94	94	150	34
48/47	.2	5.2	2.1															68	68	138	103
46/45	.3	4.2	2.3															62	62	99	178
44/43		.8	.6	.2														14	14	41	109
42/41	.1	.6	.3															9	9	25	56
40/39		.1	.1															2	2	7	37
38/37																				4	16
36/35																				1	3
34/33																					6
32/31																					1
30/29																					2
28/27																					2
TOTAL	2.7	36.4	45.8	13.6	3.1	1.2	.3												899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	5952352	72642	83.8	9.598	899
Dry Bulb	2600661	48139	53.5	5.55	899
Wet Bulb	2308670	45372	50.5	4.572	899
Dew Point	2066202	42848	47.7	5.168	899

Mean No. of Hours with Temperature

Element (X)	≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.							
Dry Bulb			1.0				90
Wet Bulb							90
Dew Point		.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUN — MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 67						.3												3	3		
66/ 65				.3	.2													5	5		
4/ 63			.2	.3	.3													11	11		
2/ 61			1.4	.3	.2													18	18	4	
/ 59		.4	2.6	.4	.1													32	32	6	2
/ 57	.3	6.2	3.7	.3	.3													96	96	32	10
5 / 55	.7	7.4	3.1	1.2	.1													113	113	86	30
54/ 53	.4	7.1	7.2	1.3														140	140	143	99
1/ 51	1.1	4.1	9.7	.4														138	138	92	132
/ 49	.3	4.6	8.3	.1														84	84	144	59
/ 47	.3	8.7	2.8	.4														110	110	149	99
4/ 45	.4	8.3	3.1															107	107	116	215
4/ 43		.9	1.	.1														27	27	78	105
2/ 41	.1	.8	.4															12	12	31	80
/ 39			.2															2	2	13	37
2/ 37			.2															2	2	3	19
/ 35																				2	5
3/ 33																				2	3
/ 31																					2
/ 29																					3
TOTAL	3.6	49.3	46.1	5.1	1.3	.3												900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6361290	75298	83.7	8.273	900							
Dry Bulb	2451370	46773	52.0	4.820	900			.3				90
Wet Bulb	2217972	44498	49.4	4.510	900							90
Dew Point	2021152	42412	47.1	5.009	900		.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	JUN

PAGE 1 — HOURS (L. S. T.) 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/77								•	•1									2	2		
76/75							•1											1	1		
74/73				•1		•2	•3	•2										7	7		
72/71					•2	•1	•1	•1										5	5		
70/69				•1	•2	•1												9	9		
68/67			•1		•1	•2												4	4	1	
66/65			•3	1.2	•7		•1											19	19	2	
64/63			1.3	4.2	1.9	•1												67	67	12	2
62/61	•1	•7	2.8	1.6	1.													55	55	16	5
60/59		•7	3.8	1.9	•8													64	64	43	6
58/57		4.9	5.6	4.2	•9	•2												142	142	73	32
56/55	•2	5.9	5.3	5.7	•4													158	158	109	75
54/53	•1	3.6	7.4	3.6	•3													135	135	140	97
52/51	•2	3.9	8.4	•6														117	117	135	132
50/49	•3	1.9	3.4	•3														54	54	188	68
48/47	•3	2.4	1.2	•4														40	40	118	138
46/45	•2	1.1	•2	•3														17	17	43	211
44/43		•1	•1	•1														3	3	11	74
42/41			•1															1	1	5	34
40/39																				4	12
38/37																					6
36/35																					6
34/33																					2
TOTAL	1.	25.	40.2	24.1	7.1	1.1	.7	.1	.1										900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5531288	69934	77.7	10.393	900							
Dry Bulb	2840029	50337	55.9	5.240	900			2.8	1.7			90
Wet Bulb	2460908	46898	52.1	4.362	900			.1				90
Dew Point	2169352	43978	48.9	4.763	900							90

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

USAFETAC

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5571 — STATION
MILDENHALL RAF K — STATION NAME
[illegible] — YEARS
JUN — MONTH

PAGE 1 — 0900-1100 HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 87												.1						1	1		
84/ 83										.3	.2							5	5		
8 / 81							.1	.2	.4									7	7		
8 / 79						.1	.1	.2	.1	.1	.1							8	8		
78/ 77						.1	.1	.6		.1								11	11		
76/ 75					.1	.2	.2		.1	.1								11	11		
74/ 73					.1	.3	.4	.2	.3									17	17		
72/ 71				.2	.2	1.4	.8	.1										25	25		
70/ 69			.1	.3	1.1	2.3	.6	.1										41	41	2	
68/ 67			.1	.1	.1	1.1	.2											18	18	11	
66/ 65		.1	.1	1.6	3.4	1.1	.7	.1										63	63	23	
64/ 63		.6	1.3	7.3	5.1	3.3	.7	.1										165	165	23	8
62/ 61		.2	1.4	3.2	5.1	2.2	.3											127	127	52	14
60/ 59		1.6	2.1	2.7	4.2	1.4	.2											107	107	88	14
58/ 57		.2	3.3	5.3	3.4	1.3												129	129	136	58
56/ 55		1.1	1.4	4.1	2.1													78	78	108	76
54/ 53	.1	.4	1.8	2.1	.4													43	43	143	105
52/ 51	.1	.8	2.1	.6														31	31	124	119
50/ 49	.1	.1	.1	.2														5	5	123	58
48/ 47		.1		.3														4	4	53	147
46/ 45				.1														1	1	6	155
44/ 43																				1	89
42/ 41			.1															1	1	4	48
40/ 39																					31
38/ 37																				1	11
36/ 35			.1															1	1		4
34/ 33			.1															1	1		1
32/ 31																				1	
30/ 29																				1	
28/ 27																					1
26/ 25																					1
TOTAL	.3	6.9	18.1	28.7	25.9	14.9	5.2	1.9	1.0	.1	.3	.1							900		900
																		900		900	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3925971	58392	68.9	12.367	900
Dry Bulb	3951321	55815	61.6	6.611	900
Wet Bulb	2727378	49342	54.8	4.997	900
Dew Point	2205131	44253	49.2	5.700	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			14.8	6.0	1.9		90
Wet Bulb		.2	1.3				90
Dew Point		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7271	MILDENHALL RAF UK	74-87	JUN

PAGE 1 — HOURS (L. S. T.): 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 85													.1					1	1		
[illegible] / 83												.1						3	3		
[illegible] / 85												.1						1	1		
[illegible] / 87										.1	.4	.1						7	7		
[illegible] / 85										.1	.4							5	5		
[illegible] / 83										.1	.2		.1	.2				8	8		
[illegible] / 81							.7	.1	.4	.1								15	15		
[illegible] / 79							.1	.2	.2			.1	.1					7	7		
[illegible] / 77							.5	.3	.4	.1		.1						14	14		
[illegible] / 75					.3	.3	.6	1.1	.1	.1	.2							28	28		
[illegible] / 73				.3	.4	.4	2.6	1.1	.2									47	47		
[illegible] / 71			.1		.4	1.9	2.1	.3		.1								45	45		
[illegible] / 69			.1	.2	.1	3.6	.8	1.6										57	57	13	
[illegible] / 67				.2	1.7	1.9	1.1	.1	.2									46	46	15	
66 / 65		.1	.3	.8	3.4	2.6	2.1	.6	.1									89	89	34	1
64 / 63		.6	1.1	5.1	3.6	6.3	2.1	.2										169	169	32	13
[illegible] / 61	.3	.4	1.0	1.7	5.3	2.2	.7											113	113	82	19
[illegible] / 59		.1	1.2	2.1	2.7	.9	.3	.1										66	66	109	19
[illegible] / 57		.9	1.8	2.7	2.1	1.7	.1											82	82	129	33
54 / 55		1.2	1.7	3.7	.8													52	52	112	86
52 / 53		.1	.9	1.1	.3	.2												23	23	154	108
[illegible] / 51		.2	.8	.2	.2													13	13	92	129
[illegible] / 49	.1		.2															4	4	78	60
[illegible] / 47		.2		.2														4	4	38	86
44 / 45				.1														1	1	5	160
42 / 43																				4	73
40 / 41																				3	49
38 / 39																					33
36 / 37																					13
34 / 35																					13
32 / 33																					4
30 / 31																					1
TOTAL	.1	3.7	9.3	17.6	21.2	22.4	13.4	5.1	1.9	1.3	1.3	.8	.3	.2				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3289729	52967	58.9	13.952	900							
Dry Bulb	3811912	58178	64.6	7.543	900			28.4	13.6	4.3	.1	90
Wet Bulb	2859060	50516	56.1	5.129	900			2.8				90
Dew Point	2206400	44234	49.1	5.999	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75773	MILDENHALL RAF UK	74-83	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 95														.7				2	2		
1/ 93													.4					4	4		
1/ 9											.1							1	1		
1/ 89											.2	.1						3	3		
1/ 87											.2	.3						5	5		
1/ 85												.2						2	2		
1/ 83											.1	.1						4	4		
1/ 81							.2	.1	.1	.2	.2	.2	.1	.1				12	12		
1/ 79						.1	.1	.2	.1	.2	.2							9	9		
7/ 77						.2		.6	.7	.3	.1							17	17		
1/ 75					.4	.7	1.6	.9	.9	.1								49	49		
4/ 73				.3	.1	.6	2.4	.9	.6	.4								50	50		
1/ 71				.1	.3	1.9	1.4	.9	.1									43	43	1	
1/ 69			.1		.9	3.4	1.8	1.2	.6									72	72	12	
1/ 67					1.6	1.3	1.6	.5	.1									46	46	13	
1/ 65			.9	1.6	2.7	2.1	2.1	1.1										91	91	20	
1/ 63		.4	.6	4.3	4.	6.3	7.2	.7										163	163	37	12
2/ 61	.3	.6	1.2	1.8	4.2	1.6	.6											92	92	105	17
1/ 59		.7	1.3	1.	1.4	1.4	.4											53	53	113	17
1/ 57		1.	1.4	3.1	1.6	1.3												76	76	111	38
1/ 55		1.4	2.2	3.4	.2													66	66	115	83
4/ 53		.1	1.	1.6	.2	.3												29	29	151	109
2/ 51		.3	.7	.7	.1													12	12	98	96
1/ 49		.1	.3															4	4	83	77
1/ 47			.2															2	2	29	100
1/ 45				.1														1	1	5	156
1/ 43			.1															1	1	5	69
2/ 41																				1	62
1/ 39																				1	41
1/ 37																					13
1/ 35																					6
34/ 33																					3
1/ 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
35771	MILDENHALL RAF UK	74-83	JUN

PAGE 2 — HOURS (L. S. T.) 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	4.2	1.2	17.6	17.8	21.6	14.3	6.6	3.0	1.3	1.4	1.0	.6	.3				900	901	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3243346	52424	58.2	14.546	900							
Dry Bulb	3341984	58386	64.9	7.771	900			31.0	14.9	3.8	.6	90
Wet Bulb	2860030	50530	56.1	5.764	900			2.6				90
Dew Point	2189522	44078	49.2	5.888	900		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	JUN

PAGE 1 — HOURS (L. S. T.) 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95														.1				1	1		
94/ 93													.1					1	1		
92/ 91												.1						1	1		
90/ 89												.1						1	1		
88/ 87										.1								1	1		
86/ 85												.1						1	1		
84/ 83										.3	.2							5	5		
82/ 81									.1	.1								2	2		
80/ 79								.1	.1	.1								3	3		
78/ 77							.2	.2	.9		.1							13	13		
76/ 75					.2		.3	.	.1	.1								12	12		
74/ 73					.2	.9	.9	.2	.3									23	23		
72/ 71				.1	.3	1.7	.4	1.	.1									33	33		
70/ 69				.2	1.6	.8	.8	.4	.1									35	35	4	
68/ 67			.2	.2	1.7	1.2	.3	.1	.1									39	39	4	
66/ 65		.2	.7	1.2	2.3	.9	1.1	.1										59	59	14	
64/ 63		.7	1.1	6.9	3.8	4.7	1.2	.1										160	160	38	6
62/ 61		.7	2.6	1.9	4.3	2.2	.2											107	107	62	11
60/ 59		.7	2.7	2.9	3.1	.8	.2											87	87	68	20
58/ 57		2.3	2.1	4.9	1.9	1.1												111	111	144	46
56/ 55		1.9	3.2	3.7	1.4													92	92	108	71
54/ 53		.3	2.9	3.1	1.2	.1												67	67	183	130
52/ 51		.2	2.3	.7														29	29	128	94
50/ 49		.3	.1		.1													5	5	106	58
48/ 47		.2	.3															5	5	61	113
46/ 45		.3	.1	.1														5	5	12	161
44/ 43			.1															1	1	4	85
42/ 41			.1															1	1	1	62
40/ 39																				3	25
38/ 37																					9
36/ 35																					7
34/ 33																					2
TOTAL		7.9	17.9	25.9	22.2	13.7	6.2	2.9	1.9	.8	.3	.3	.1	.1				900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3953006	58378	64.9	13.603	900							
Dry Bulb	3961656	55962	61.6	6.983	900			17.1	6.4	1.6	.2	90
Wet Bulb	2721919	49298	58.8	4.900	900			.8				90
Dew Point	2193516	44150	49.1	5.552	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15[illegible]71	MILDENHALL RAF UK	74-8[illegible]	JUN

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/7[illegible]									.2									2	2		
7[illegible]/77								.1										1	1		
7[illegible]/75							.2	.1										3	3		
74/7[illegible]						.2		.1										3	3		
/71						.2		.1										3	3		
/69			.1	.1	.3	.2	.1											9	9		
/67			.1	.1	.2	.1	.1											11	11		
6/65				.2	.9		.2											18	18	3	
4/63		.4	1.8	5.1	.8	.4	.1											78	78	10	2
2/61		.6	4.1	2.8	.8	.2												76	76	19	4
/59		1.4	3.9	1.6	1.3	.3												77	77	41	8
/57	.3	4.3	3.0	5.1	1.1													132	132	109	39
56/55	.2	3.[illegible]	5.8	3.7	1.1	.1	.1											125	125	108	75
4/53	.1	2.9	7.6	4.3	.6													139	139	97	94
2/51	.1	1.9	7.6	2.1														105	105	152	113
/49		1.[illegible]	5.6	.6														64	64	151	71
/47		1.9	.9	.4														29	29	128	110
46/45	.3	.9	.6	.1														17	17	52	178
44/43		.2	.6															7	7	21	89
/41			.1															1	1	4	69
4[illegible]/39																				5	33
3[illegible]/37																					6
/35																					7
3[illegible]/33																					1
/31																					1
TOTAL	1.1	18.6	42.6	26.9	7.4	1.9	.9	.4	.2										900		900
																		900		900	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5224169	67915	75.5	10.506	900							
Dry Bulb	2877527	50653	56.3	5.452	900			3.2	.9	.2		90
Wet Bulb	2461757	46885	52.1	4.634	900							90
Dew Point	2133039	43563	48.4	5.245	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15171	MILDENHALL RAF UK	74-83	JUN

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 95														.0				3	3		
2/ 93													.1					6	6		
1/ 91											.0	.1						5	5		
1/ 89											.0	.0						5	5		
3/ 87										.0	.1	.1						14	14		
2/ 85										.0	.1	.0						8	8		
1/ 83										.1	.1	.0	.0	.0				22	22		
2/ 81							.1	.1	.2	.1	.0	.0	.0	.0				36	36		
1/ 79						.0	.0	.1	.1	.1	.0	.0	.0					29	29		
72/ 77						.0	.2	.2	.3	.1	.0	.0						58	58		
7/ 75					.0	.0	.4	.0	.1	.1	.0							95	95		
14/ 73				.1	.2	.4	.5	.4	.2	.1								147	147		
1/ 71			.0	.1	.2	.9	.6	.3	.0	.0								156	156	1	
1/ 69			.1	.1	.6	1.3	.5	.4	.1									227	227	31	
1/ 67			.1	.1	.0	.8	.5	.0	.1									171	171	44	
6/ 65		.2	.3	.0	1.5	.8	.8	.2	.0									351	351	96	1
9/ 63		.3	1.1	4.3	2.4	2.6	.8	.0										833	833	153	43
2/ 61	.1	.6	2.2	1.9	2.7	1.1	.2											631	631	347	71
1/ 59		.7	2.6	1.7	1.7	.6	.2	.										536	536	486	87
1/ 57	.1	3.4	3.2	3.5	1.5	.7	.2											892	892	791	267
5/ 55	.0	3.4	3.0	3.3	.8	.0	.0											797	797	860	550
14/ 53	.2	2.5	4.8	2.3	.4	.1												737	737	1086	867
1/ 51	.3	1.8	5.1	.7	.0	.0												567	567	943	925
5/ 49	.2	1.5	2.5	.2	.0	.0												314	314	1023	535
1/ 47	.1	2.3	.9	.2														262	262	713	856
1/ 45	.2	1.9	.8	.1														211	211	338	1414
4/ 43		.4	.3	.1														53	53	165	693
1/ 41	.0	.2	.2															25	25	74	860
1/ 39		.0	.0															4	4	33	249
3/ 37			.0															2	2	8	93
1/ 35			.															1	1	3	51
34/ 33			.0															1	1	2	22
1/ 31																				1	4
1/ 29																				1	7

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	74-87	JUN

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					3
[illegible]																					1
TOTAL	1.[illegible]	27.5	19.5	13.2	9.6	5.1	2.[illegible]	1.[illegible]	.[illegible]	.4	.3	.1	.1					7199	7199	7199	7199

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37481650	527950	70.6	15.101	7199							
Dry Bulb	25336450	423340	58.8	7.934	7199			98.2	42.3	11.8	.9	720
Wet Bulb	20617689	383333	53.2	5.349	7199		.2	7.6				720
Dew Point	17184309	349509	48.5	5.475	7199		1.5					720

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

2

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

PSYCHROMETRIC SUMMARY

[illegible]7 — STATION | WILDENHALL RAF UK — STATION NAME | 74-83 — YEARS | JUL — MONTH

PAGE 1 | 0600-0900 — HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]			.1	.1	.1													2	2		
[illegible]																		3	3		
/ 6[illegible]			.4	.5	.4	.1	.1											21	21	3	3
[illegible]		.3	1.7	1.6	.2	.1												40	40	4	
[illegible]		1.4	9.2	4.[illegible]	.6	.2												106	106	11	6
[illegible]	.2	1.9	4.7	4.2	.1													108	108	52	20
/ [illegible]	.[illegible]	3.[illegible]	[illegible]	2.9	.2													116	116	86	36
[illegible]	.4	4.4	5.7	3.2														134	134	143	53
[illegible]	.2	4.6	4.8	3.7														124	124	133	122
[illegible]	.4	4.7	6.6	1.1														119	119	146	158
/ [illegible]	.2	2.5	2.2															74	74	134	122
[illegible]	.1	.8	2.2	.1														35	35	117	117
/ 47	.3	.7	.1															33	33	56	117
[illegible]	.1	1.[illegible]	.2															14	14	83	115
[illegible]																				4	45
/ [illegible]																				1	15
/ [illegible]																					5
TOTAL	.2	27.[illegible]	42.8	23.1	2.6	.4	.1	.1											930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6[illegible]69137	74637	8[illegible].3	9.231	930							
Dry Bulb	3291727	53421	57.4	8.296	930			2.7				93
Wet Bulb	27352[illegible]9	50265	54.[illegible]	8.458	930			.3				93
Dew Point	2467237	47695	51.3	8.777	930			.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7677[illegible]	MILDENHALL RAF UK	74-83	JUL

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/67	.[illegible]				.[illegible]													2	2	1	1
67/[illegible]	.[illegible]	.1	1.	.2														13	13	1	1
[illegible]/63	.1	1.5	2.[illegible]	4.5														76	76	6	2
[illegible]/[illegible]	.3	2.4	5.1	1.8	.7													92	92	27	19
[illegible]/56	.1	2.5	8.6	1.9	.5													127	127	59	24
/57	1.[illegible]	5.9	5.7	2.5														136	136	128	50
[illegible]/55	.5	6.8	5.1	1.9														133	133	137	122
[illegible]/51	.1	3.5	6.5	1.4														107	107	146	127
[illegible]/[illegible]	1.[illegible]	3.8	6.1															101	101	129	131
[illegible]/49	.5	2.2	2.[illegible]	.2														46	46	128	82
/47	.5	3.8	1.8															57	57	81	119
[illegible]/45	.3	2.7	.3															35	35	67	163
[illegible]/43		.2	.3															5	5	13	54
[illegible]/41																				4	21
[illegible]/39																				3	11
[illegible]/37																					3
TOTAL	.235	.344	.114	.5	1.[illegible]													930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67	73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5414872	76846	82.6	8.370	930							
Dry Bulb	2919114	51704	55.8	4.901	930			.2				93
Wet Bulb	2623682	49216	52.9	4.540	930			.1				93
Dew Point	2397250	47002	50.5	4.842	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

[illegible] (STATION) — MILDENHALL RAF UK (STATION NAME) — 74-83 (YEARS) — JUL (MONTH)

PAGE 1 — 0600-0803 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 79							.1											1	1		
[illegible] / 77							.1	.1										2	2		
[illegible] / 75					.1	.2												3	3		
[illegible] / 73				.2	.3	.8												12	12		
[illegible] / 71					.1	.1	.2											8	8		
[illegible] / 69			.1	.1	.1	.2												20	20	1	
[illegible] / 67		.1	.1	.5	1.1	.2												19	19	5	
[illegible] / 65		.3	2.2	1.9	1.2													52	52	10	3
[illegible] / 63	.4	2.4	3.3	8.2	2.6	.3												160	160	45	9
[illegible] / 61	.6	1.5	6.6	4.9	2.6	.1												152	152	68	39
[illegible] / 59	.4	2.4	6.1	3.8	.8	.1												126	126	100	56
[illegible] / 57	.8	3.2	6.6	4.4	.1													140	140	162	89
[illegible] / 55	.3	3.5	5.1	2.7														108	108	148	127
[illegible] / 53	.3	2.3	3.8	.4														63	63	157	119
[illegible] / 51	.3	1.8	2.[illegible]	.1														40	40	123	148
[illegible] / 49	.1	1.2	.5															15	15	82	1.1
[illegible] / 47	.3	.3	.1															7	7	23	119
45 / 45		.2																2	2	6	134
44 / 43																					12
42 / 41																					4
TOTAL	3.71	[illegible].36	6.52	8.31	[illegible]	2.0	.4	.1										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	5662930	71986	77.8	10.223	930							
Dry Bulb	3341134	55542	59.7	5.85	930			6.5	1.8	.1		93
Wet Bulb	2894828	51736	55.6	4.246	930			.6				93
Dew Point	2577231	48775	52.4	8.582	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	WILDENHALL RAF UK	74-8[illegible]	JUL

PAGE 1 — HOURS (L. S. T.) 0900-11[illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]													.1					1	1		
[illegible]											.1							1	1		
[illegible]													.1					1	1		
86/ 87									.1		.1							2	2		
[illegible]									.1									1	1		
[illegible]								.	.2	.1								5	5		
[illegible]							.3	.1	.3	.1								13	13		
[illegible] 79						.1	.2	.1		.4								12	12		
78/ 77					.2	.4	.9	.6	.3	.1								24	24		
76/ 75					.6	1.7	.9	.3										27	27		
74/ 73				.3	1.2	1.5	1.7	.7										46	46		
[illegible] 71				.8	[illegible]	1.5	1.1	.3										53	53	5	
70/ 69			1.2	1.6	1.9	2.4	1.6	.7										93	83	7	
68/ 67			.5	.4	2.4	2.2	.5	.1										57	57	36	
66/ 65		.6	1.5	3.7	4.5	1.9	1.1											117	117	64	4
64/ 63	.1	1.1	1.6	9.7	6.2	5.5	.3											228	228	85	46
62/ 61	.3	.6	2.7	4.1	4.0	.9												116	116	96	54
[illegible]/ 59	.1		1.9	1.6	1.4	.6												53	53	136	69
58/ 57		1.4	1.6	1.9														46	46	168	83
56/ 55		1.1	1.5	.4	.2													30	30	145	131
54/ 53		.5	.4		.1													10	10	117	119
52/ 51		.2	.2															4	4	59	146
[illegible]																				9	99
[illegible] 47																				3	28
44/ 45																					93
42/ 43																					14
40/ 41																					11
[illegible] 39																					1
36/ 37																					2
TOTAL	.1	5.6	13.7	24.2	24.9	18.0	7.7	3.7	1.1	.8	.2		.2						930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4.52784	60296	64.8	12.430	930							
Dry Bulb	4057299	61149	65.8	6.281	930			32.6	13.3	3.1	.1	93
Wet Bulb	3206517	54445	58.5	4.539	930			4.8				93
Dew Point	2649537	49401	53.1	5.228	930							93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
3 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — [illegible]WILLEMHALL RAF [illegible] STATION NAME — YEARS — JUL MONTH

PAGE 1 — ~~1200-1800~~ HOURS (L.S.T.)

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/																													.2	.1			3	3		
/																									.4		.2						3	3		
/																						.1											6	6		
/																	.4		.3		.4												6	6		
/																						.1											9	9		
/															.4		.2		.4		.4				.1								11	11		
/											.1		.1			.1						.1											12	12		
/	78									1.4		1.1		1.4			.4		.3		.4		.1										41	41		
/	77								.1		1.1		1.2		1.1		.1																43	43		
/	75						.2		.4		1.2		1.4		1.4		.4		.2														54	54		
/	7[illegible]						.6		.2		1.2		2.3		1.4		1.																70	70		
/	7[illegible]						.4		2.2		1.6		3.1		1.4		.1																91	91	5	
/	69					.1		1.1		3.2		3.4		.1																			96	96	4	
/	67				.4		.5		1.4		2.7		1.1		.4		.1																69	69	4	
/	65				.1		2.1		1.6		2.5		1.2		.1																		87	86		6
/	61			.4		1.1		5.8		5.8		5.2		.2																			176	176	92	82
/	[illegible]	.1		.6		1.1		1.4		2.1		.5																					61	61	149	38
/	52			.3		.2		.5		.2																							24	24	123	23
/	57			.3		.2		.6				.1																					17	17	169	8
/	55			.4		.3		.1		.1																							15	15	103	16
/	53			.6		.5																											11	11	97	15
/	51																																		24	19
/	4[illegible]																																		7	13
/	47																																		3	8
/	4[illegible]																																			11
/	43																																			3
/	41																																			6
/	39																																			4
/	37																																			2
TOTAL	.1	.2	.2	.5	.7	13.4	11.4	15.2	21.3	18.7	9.2	8.7	8.7	1.9	2.3	.4	.2	.3	.2	.1														930		930	930
																																	930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3189869	52995	57.[illegible]	13.528	930							
Dry Bulb	4519776	64848	69.3	7.248	930			58.6	29.6	2.6	.3	93
Wet Bulb	3337657	55587	59.7	9.639	930			9.0				93
Dew Point	2602335	48935	52.6	5.837	930							93

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

USAFETAC

2

AL CLIMATOLOGY BRANCH
AF TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: ILDENHALL RAF UK — STATION NAME
YEARS: 74-87
MONTH: JUL

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8																.2		2	3		
/ [illegible]												.2	.1	.1		.1		5	5		
/ 8												.1	.4					5	5		
/ 8									.1			.2	.1					4	4		
/ [illegible]										.1	.3	.4	.1					9	9		
/ [illegible]									.1	.5	.3	.2		.2				12	12		
/ [illegible]						.1	1.2	1.1	1.7	.3	.5							46	46		
/ 7						.4	1.1	1.1	1.3	.2	.1		.1					41	41		
/ 77					.1	1.1	1.1	.8	2.2	.6								55	55		
/ 7[illegible]					1.1	1.4	2.4	1.5	.4									63	63		
/ 7[illegible]				.4	.5	1.3	3.7	1.8	1.6	.1								88	88		
/ 7[illegible]				.5	1.5	1.4	2.7	1.9	.5									80	81	2	
/ 6[illegible]			.3	.2	.9	4.4	2.9	.6	.1									94	94	22	
/ 67			.5	.3	.8	1.6	1.3		.1									46	46	56	
/ 65			.3	1.9	1.5	3.5	2.9	.2										96	96	86	2
/ 62		.9	1.3	4.9	5.1	4.6	1.1											165	165	91	50
/ [illegible]		.5	.6	1.3	2.8	.2												51	51	144	34
/ 58		.1	1.3	.4	.4		.2											24	24	133	57
/ 57		.8	.6	1.7	.2													26	26	142	73
/ 55		.4	.1															5	5	131	120
/ 5[illegible]		.8	.6															13	13	88	93
/ [illegible]																				79	126
/ [illegible]																				3	96
/ 47																				3	113
/ 4[illegible]																					119
/ 43																					23
/ 41																					11
/ 7[illegible]																					7
/ 37																					5
/ 35																					1
TOTAL		3.4	6.7	11.8	15.1	20.1	20.4	9.1	8.1	1.9	1.2	1.2	.9	.3		.3		930	931	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3 76744	51830	55.7	14.233	930							
Dry Bulb	4574416	64868	69.8	7.324	930			55.0	33.0	9.3	.2	93
Wet Bulb	3338552	55562	59.7	4.528	930			8.0				93
Dew Point	2572665	48645	52.3	5.511	930							93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 1 ~~1600-2200~~ (HOURS (L.S.T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89														.1				1	1		
6/ 87													.1					1	1		
4/ 85										.1			.1					2	2		
4/ 83									.1	.1	.1	.1						4	4		
7/ 81						.1	.2	.1	.2		.2							9	9		
/ 79						.1	.2	.4	.5	.1	.2							15	15		
7/ 77				.1	.1	.3	.3	.5	1.0	.3	.1	.1						27	27		
6/ 75					.4	1.1	1.5	1.3	.3	.1								46	46		
4/ 73				.4	.4	2.1	2.0	1.0										55	55	1	
/ 71				1.5	1.0	2.7	1.2	1.1	.3	.1								82	82	1	
/ 69			1.4	.2	2.4	3.3	2.1	.4		.1								98	98	6	
6/ 67			.9	.5	1.6	2.3	1.3	.2										59	59	21	2
6/ 65		.2	1.2	1.9	3.8	1.5	1.0											89	89	64	1
4/ 63	.1	.4	2.6	6.2	4.6	6.2	.4	.1										193	193	87	46
2/ 61	.1	.5	2.2	3.3	3.9	.8	.1											107	107	136	31
1/ 59		.9	1.4	2.2	1.0	.5												64	64	124	62
/ 57		.3	1.4	1.3	.4	.2												38	38	162	93
1/ 55		.1	1.1	.1	.1													22	22	128	101
4/ 53		1.4	.3															16	16	131	112
/ 51		.2																2	2	53	128
/ 49																				13	132
/ 47																				3	127
/ 45																					112
4/ 43																					18
/ 41																					16
/ 39																					7
/ 37																					3
/ 35																					1
/ 33																					1
TOTAL	.2	5.5	13.3	18.5	21.8	21.2	17.0	5.1	2.5	1.0	.8	.2	.2	.1					930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3798614	58072	62.4	13.623	930							
Dry Bulb	4132428	61716	66.4	6.305	930			39.9	16.0	2.5		93
Wet Bulb	3199887	54399	58.5	4.389	930			2.9	.1			93
Dew Point	2589781	48815	52.5	5.839	930			.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	JUL

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/77						.1												1	1		
76/76						.1												1	1		
74/73			.1					.1	.1									4	4		
72/71			.1		.2	.6		.1										11	11		
70/69			.5	1.1	.9	.9	.4	.4										39	39	2	
69/67		.1	1.3	.5	1.7	.3	.1											38	38	2	2
68/65		.4	3.1	3.5	1.7	.8	.1	.1										93	90	15	1
67/63	.2	1.9	4.1	8.6	2.7	1.3	.1											176	176	49	25
66/61		1.6	4.9	5.1	2.9	.2	.1											138	138	80	33
65/59		2.2	4.3	3.4	1.1													107	107	101	43
64/57		1.7	5.1	4.9	.5													114	114	180	88
63/55		2.2	4.4	4.1	.1													99	99	120	118
62/53	.1	2.8	3.4	1.4														72	72	145	102
61/51	.3	1.1	1.4															25	25	125	149
60/49		.3	.5	.1														10	10	82	93
59/47	.1	.2	.2															5	5	24	104
58/45																				4	124
57/43																				1	32
56/41																					12
55/39																					3
54/35																					1
TOTAL	.3	14.4	34.1	32.7	11.8	4.3	.3	1.1	.1										930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.	5229619	68993	74.2	10.946	930							
Dry Bulb	3434476	56320	60.6	5.560	930			9.4	.6			93
Wet Bulb	2915678	51914	55.8	4.372	930			.4				93
Dew Point	2543007	48403	52.0	5.063	930			.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5571	MILDENHALL RAF UK	74-83	JUL

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/ 95													.0		.0	.0		6	6		
1/ 91											.0	.0	.0	.0		.0		9	9		
/ 87											.0	.0	.1	.0				12	12		
6/ 87									.0	.0	.1	.0	.0					13	13		
6/ 85									.0	.1	.1	.1	.0					21	21		
4/ 83								.1	.1	.3	.1	.0	.0	.0				34	34		
/ 81						.0	.3	.4	.4	.1	.2	.0						100	100		
1/ 79						.0	.3	.4	.3	.1	.1	.0	.0					110	110		
7/ 77				.0	.1	.4	.6	.4	.6	.1	.0	.0						152	152		
1/ 75				.0	.0	.6	.8	.6	.1	.0								196	196		
4/ 73			.0	.3	.4	.9	1.2	.6	.3	.1								284	284	1	
1/ 71			.2	.4	1.1	1.0	1.1	.6	.1	.0								328	328	13	
/ 69			.5	.5	1.0	1.8	1.3	.7	.0	.0								433	433	62	
1/ 67	.0	.1	.4	.4	1.3	1.2	.5	.1	.0									311	311	185	8
6/ 65	.0	.3	1.4	2.0	1.8	1.3	.9	.0										577	577	310	18
1/ 63	.1	1.3	2.5	6.6	3.4	2.9	.3	.0										1280	1280	466	226
7/ 61	.0	1.2	3.6	3.3	2.5	.3	.0											825	825	752	268
/ 59	.1	1.4	3.2	2.1	.0	.2	.0											641	641	866	420
/ 57	.0	2.4	3.3	2.6	.2	.1												651	651	1254	606
5/ 55	.1	2.5	2.8	1.6	.1													536	536	1045	917
4/ 53	.1	2.1	2.8	.5	.0													411	411	1027	931
2/ 51	.2	1.2	1.2	.0														246	246	679	1079
/ 49	.2	.5	.7	.1														106	106	441	793
4/ 47	.2	.8	.3															102	102	196	851
4/ 45	.1	.5	.1															51	51	117	936
4/ 43		.0	.0															5	5	18	232
2/ 41																				5	98
1/ 39																				3	38
1/ 37																					15
1/ 35																					3
1/ 33																					1
TOTAL	1.0	14.2	24.8	22.8	13.2	10.9	7.2	3.0	2.1	.1	.6	.2	.2	.1	.0	.1		7440		7440	7440

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	37498559	515615	69.3	15.385	7440							
Dry Bulb	3206569[illegible]	469368	63.1	7.818	7440			200.9	93.7	22.6	.6	744
Wet Bulb	2425213	423984	56.9	5.992	7440			26.1	.1			744
Dew Point	20399031	387671	52.1	5.171	7440			.8				744

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ILDENHALL RAF UK	74-83	AUG

PAGE [illegible] — HOURS (L. S. T.): 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 77						.2												2	2		
[illegible]/ 71					.1													1	1		
[illegible]/ 69			.2	.2	.1													5	5		
[illegible]/ 67			1.[illegible]	1.2	.3													21	21		
67/ 65		.6	1.2	1.3	.3													33	33	3	
[illegible]/ 63		1.9	3.8	4.3	.5													98	98	32	8
[illegible]/ 61		1.9	5.1	4.2	.2													106	106	36	31
[illegible]/ [illegible]		2.4	5.3	1.5	.2													87	87	80	17
[illegible]/ 57	.1	8.5	6.[illegible]	2.[illegible]	.3													158	158	126	70
[illegible]/ 55	.2	8.2	4.8	1.4														136	136	174	114
[illegible]/ 53	.2	4.8	6.9	1.1														121	121	144	193
[illegible]/ [illegible]	.3	3.1	3.4															64	64	125	130
[illegible]/ [illegible]	.1	2.2	1.[illegible]															36	36	1[illegible]1	103
[illegible]/ 47	.1	2.8	.9															35	35	61	102
[illegible]/ 45	.[illegible]	1.2	1.[illegible]															[illegible]2	22	37	97
4/ 43	.1	.2	.1															4	4	13	35
[illegible]/ 41		.1																1	1	6	13
[illegible]/ [illegible]																				2	14
[illegible]/ [illegible]																					2
[illegible]/ 35																					1
TOTAL	1.43%	41.3	17.1	2.2	.2														931		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6293110	761[illegible]0	81.8	8.429	93[illegible]							
Dry Bulb	3056915	531[illegible]1	57.1	5.184	93[illegible]			2.9	.2			93
Wet Bulb	2733297	50233	54.[illegible]	8.643	93[illegible]							93
Dew Point	2493721	47917	51.5	8.353	93[illegible]							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03771	MILDENHALL RAF UK	74-83	AUG

PAGE 1 ~~2300-2566~~ HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 65				.1														2	2		
6/ 67				.1	.1													2	2		
6/ 65			.1	.1														15	15		
64/ 63		2.3	2.2	3.3	.1													78	78	10	3
7/ 61		2.5	4.6	2.7														91	91	45	23
7/ 59	.1	3.2	5.4	1.4	.3													97	97	45	26
7/ 57	.2	9.1	3.8	1.6	.1													137	137	102	61
5/ 55	.6	9.6	3.7	1.2	.1													141	141	166	96
6/ 53	1.1	4.6	4.5	.1														96	96	151	169
5/ 51	.9	4.9	4.6															97	97	120	134
7/ 49	.3	2.4	1.2															43	43	171	92
6/ 47	.3	5.7	1.7															76	76	89	88
4/ 45		2.9	1.2	.1														39	39	59	146
4/ 43		.2	.8															9	9	21	34
7/ 41	.2	.4	.1															7	7	13	31
6/ 39																				7	16
7/ 37																				1	8
2/ 35																					2
3/ 33																					1
TOTAL	4.2	41.3	35.5	11.3	.3														931		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6672060	78398	84.3	8.291	930							
Dry Bulb	2883273	51523	55.4	5.278	930			.8				93
Wet Bulb	2616787	49125	52.8	4.853	930							93
Dew Point	2314231	47147	50.7	5.491	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	WILDENHALL RAF UK	74-83	AUG

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/77							.1											1	1		
77/73						.1												1	1		
77/73						.1												2	2		
77/74					.1													3	3		
77/69			.5	.3	.1	.4												18	18		
77/67			.2	.4	.5													11	11	1	
67/65		.3	1.7	1.1	.6													33	33	8	
67/67		.2	3.3	7.7	.4	.2												139	139	74	14
77/61	.1	2.7	7.7	4.6	1.2													154	154	67	27
77/59	.4	4.9	5.8	2.3	.3													128	129	95	57
77/57	.7	6.9	4.6	2.8	.1													136	136	191	78
67/55	.1	6.1	3.3	1.3	.1													103	103	149	141
67/52	.7	3.5	5.3	.3														87	87	176	175
77/51	.9	2.5	2.6															55	55	170	136
77/49		1.4	1.4	.2														28	28	57	62
77/47	.1	1.	.4															14	14	39	98
67/45		1.2	.4															[illegible]	15	21	171
47/43																				6	21
77/41	.1	.1																[illegible]	[illegible]	4	9
47/39																					7
77/37																					2
TOTAL	.3	34.3	37.7	21.1	4.3	1.7	.1												1		930
																				930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6125490	74962	81.6	9.465	930							
Dry Bulb	3196665	54319	58.4	5.86	930			3.6	.4			93
Wet Bulb	2835776	51188	55.0	4.448	930			.3				93
Dew Point	2569878	48690	52.4	4.723	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 1[illegible]771 — STATION NAME: MILDENHALL RAF UK — YEARS: 74-83 — MONTH: AUG

PAGE 1 — HOURS (L. S. T.): 0500-1100

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]												.1						1	1		
1/ 97											.1							1	1		
[illegible]										.1								1	1		
1/ 8[illegible]									.1	.1								2	2		
[illegible]							.1	.1	.1		.1							7	7		
1/ 77							.1	.1	.1	.1								7	7		
7/ 77					.1	.1	.9	.1	.2									19	19		
1/ 75				.1	.4	.4	.8	.5		.1								22	22		
4/ 7[illegible]				.4	.6	1.1	1.5	.3	.3									40	40		
1/ 7[illegible]			.2	.3	1.4	2.2	1.1	.4										51	51		
1/ 69			.2	1.[illegible]	2.[illegible]	2.4	.9											70	70	4	
1/ 67			.2	.3	3.4	1.3	.9											61	61	27	1
1/ 65		.4	1.9	3.2	3.2	1.9	.8											118	118	39	1
1/ 63		1.7	3.[illegible]	13.9	6.1	4.7	.5											251	251	67	26
1/ 61		1.1	4.2	4.4	3.4	.6	.2											138	139	140	40
1/ 59		1.7	2.3	1.5	1.5	.5												70	70	142	71
1/ 57		1.6	1.3	1.7	.4													54	54	212	102
5/ 55	.1	.2	.1	.6														10	10	183	141
1/ 53		.2	.2	.2														6	6	95	171
1/ 51		.1																1	1	44	128
1/ 49																				17	55
1/ 47																					76
1/ 45																					89
1/ 43																					22
1/ 41																					9
1/ 39																					3
TOTAL	.1	7.31	15.62	5.82	23.8	15.5	7.6	2.6	1.0	.4	.2	.1							931		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8222[illegible]6	61578	66.2	12.535	93[illegible]							
Dry Bulb	398[illegible]536	5[illegible]628	65.2	5.498	93[illegible]			28.2	10.0	1.6		93
Wet Bulb	3183437	54285	58.4	3.987	93[illegible]			3.1				93
Dew Point	2652584	49856	53.2	8.927	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1577[illegible]	MILDENHALL RAF UK	74-83	AUG

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/												.3	.1					4	4		
/ 8[illegible]											.1	.2						3	3		
[illegible]/ 87										.1	.2							5	5		
/ 8[illegible]											.5	.1						6	6		
/ [illegible]								.[illegible]	.1	.4	.4	.2						12	12		
/ 8[illegible]							.2	.[illegible]	.6	.[illegible]	.3							21	21		
/ 7[illegible]						.4	.2	1.[illegible]	.9	.4	.1							28	28		
[illegible]/ 77						.4	.5	.[illegible]	1.6	.4	.2							38	38		
/ 7[illegible]				.2	.3	.4	3.7	1.[illegible]	.6	.1								67	67		
[illegible]/ 73				.4	.4	1.[illegible]	2.9	1.4	.6									69	69		
/ [illegible]				.2	.9	3.2	3.2	1.[illegible]	.1									9[illegible]	91	1	
/ 69			.6	.2	1.3	5.3	3.3	1.1	.1									117	117	18	
[illegible]/ 67			.4	.1	2.3	1.9	2.3	.3										71	71	73	1
[illegible]/ 65		.3	.5	2.1	2.8	2.3	4.5	.5										120	120	51	1
[illegible]/ 63		1.[illegible]	2.[illegible]	5.1	3.9	4.3	1.2	.3										175	175	102	31
/ [illegible]		.6	2.2	1.[illegible]	1.7	.8												51	51	176	31
/ 59		.[illegible]	.8	.5	.3													25	25	146	43
/ 57		.6	.8		.4	.2												21	21	172	97
[illegible]/ 55				.3														3	3	115	122
[illegible]/ 53			.3															3	3	77	145
/ 51		.2	.1															3	3	22	110
/ 49																				16	7[illegible]
/ 47																				2	8[illegible]
[illegible]/ 45																					123
[illegible]/ 43																					4[illegible]
[illegible]/ 41																					14
/ 39																					9
[illegible]/ 37																					4
TOTAL		3.8	8.5	1[illegible].9	14.[illegible]	21.1	21.8	10.3	4.7	2.[illegible]	1.9	.9	.1					93[illegible]	93[illegible]	93	93[illegible]

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3162582	52638	56.6	14.57	93[illegible]
Dry Bulb	4463[illegible]93	64143	69.[illegible]	6.487	93[illegible]
Wet Bulb	3295698	55226	59.4	4.179	93[illegible]
Dew Point	2553103	48469	52.1	5.403	93[illegible]

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb			52.9	25.2	6.1		93
Wet Bulb			5.1				93
Dew Point			.1				93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ C												.1	.1					2	2		
/ 82												.1						3	3		
/ 87										.1	.3							4	4		
/ 85										.1		.2						4	4		
4/ [illegible]								.1	.1	1.0	.1							13	13		
/ 83								.1	.6	.6	.6							23	23		
/ 78						.2	.2	1.1	1.2	.9	.2							40	40		
7 / 77						.6	.8	.9	1.8	.9	.1							46	46		
/ 76					.3	1.5	1.9	2.1	1.0	.1								64	64		
4/ 72				.6	.1	1.1	3.0	2.6	1.4	.1								82	82		
/ 71			.1	.4	1.2	2.6	2.9	2.3	.8									97	97		
/ 69			.1	.2	1.0	4.5	3.5	2.0	.5									117	117	9	
/ 67			.4	.4	2.2	.8	1.7	.1										56	56	42	
6/ 65		.4	.6	1.2	2.5	1.9	3.3	.4										104	104	73	
4/ 63		.6	1.1	4.7	2.8	4.9	2.3											151	151	76	29
/ 61		.8	2.4	1.7	1.2	.5	.3											64	64	164	43
/ 59		.2	.4	.5		.2												22	22	141	36
/ 57	.1	1.2	1.1	.3	.2													31	31	193	85
5/ 55		.1		.2														3	3	108	107
4/ 53		.2	.1															3	3	84	137
/ 51		.1																1	1	26	118
3/ 49																				14	65
/ 47																					98
4/ 45																					131
4/ 43																					49
/ 41																					33
/ 39																					12
TOTAL	.1	4.6	6.8	11.5	11.9	18.7	20.4	12.5	7.9	3.9	1.4	.6	.1						930		930
																		930		930	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3 77[illegible]9	51677	55.6	18.873	93[illegible]							
Dry Bulb	4496[illegible]2	54372	69.2	6.597	93[illegible]			55.1	28.1	6.5		93
Wet Bulb	3289146	55172	59.3	4.161	93[illegible]			5.1				93
Dew Point	2518166	48124	51.7	5.483	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]71	MILDENHALL RAF UK	74-83	AUG

PAGE 1 — HOURS (L. S. T.) 1800-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/85											.1							1	1		
[illegible]/83										.1								1	1		
[illegible]/80								.1	.1	.1								7	7		
[illegible]/78							.1	.2	.3									7	7		
[illegible]/77							.1	.1	.1	.1	.1							15	15		
[illegible]/75					.2	.6	1.2	.9	.3									29	29		
[illegible]/73				.3	.6	.8	1.1	.6	.3									34	34		
[illegible]/71			.1	.3	1.4	1.6	2.3	.5										60	61		
[illegible]/69			.9	.6	1.6	3.2	1.9	.9										84	84		
[illegible]/67			1.2	.1	2.5	2.2	1.2	.7										71	71	14	
[illegible]/65		.4	.3	2.6	3.2	1.7	1.3	.1										94	94	55	
[illegible]/63		1.4	2.2	3.5	5.7	5.5	.5											221	221	52	28
[illegible]/61		1.4	3.5	4.1	3.1	.3												120	120	101	41
[illegible]/59		1.4	2.2	2.[illegible]	1.6	.1												68	68	133	34
[illegible]/57	.5	2.2	2.[illegible]	1.5	.6													64	64	230	75
[illegible]/55		.3	1.[illegible]	1.4	.3													28	28	145	137
[illegible]/53		.5	.9	.8														20	20	111	117
[illegible]/51			.4															4	4	52	168
[illegible]/49			.1															1	1	30	75
[illegible]/47																				6	80
[illegible]/45																				1	119
[illegible]/43																					42
[illegible]/41																					13
[illegible]/39																					1
TOTAL	.5	7.6	15.2	22.5	21.[illegible]	16.5	10.7	4.[illegible]	1.6	.6	.2							930	931	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4167263	60187	64.7	13.612	930							
Dry Bulb	3946738	60338	64.9	5.872	930			31.0	9.5	1.3		93
Wet Bulb	3112728	53668	57.7	4.108	930			1.4				93
Dew Point	2551409	48487	52.1	5.026	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
AUG — MONTH

PAGE 2

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 75							.1											1	1		
74/ 73						.2	.1											3	3		
/ 71				.1	.4	.3												8	8		
/ 69			.4	.6	.6	.5												21	21		
/ 67			1.[illegible]	.1	.6	.3												19	19		
66/ 65		.6	1.5	1.6	1.5	.3												52	52	9	
4/ 63		2.4	3.9	7.6	1.4	.9												150	150	36	16
2/ 61		2.[illegible]	4.7	6.2	3.[illegible]	.1												148	148	56	34
/ 59	.1	2.3	7.2	5.2	1.1													147	147	95	26
/ 57	.2	5.2	6.3	4.1	.5													152	152	139	79
5 / 55	.1	3.2	3.3	2.6														87	87	207	105
4/ 53	.2	2.5	3.3	1.8														73	73	189	186
/ 51	.1	.5	3.3															37	37	100	179
/ 49		.3	1.2															14	14	88	87
/ 47		.1	.3															13	13	33	96
4/ 45		.3	.2															5	5	14	114
4/ 43																				3	38
/ 41																				1	7
/ 39																					3
TOTAL	.02	.436	.229	.8	9.2	2.7	.2												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5530433	71147	76.5	9.707	930							
Dry Bulb	3299648	55212	59.4	4.848	930			5.2	.8			93
Wet Bulb	2848318	51319	55.2	4.222	930							93
Dew Point	2517637	48193	51.8	8.669	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7771	MILDENHALL RAF UK	74-83	AUG

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 9												.1	.0					7	7		
/ 8											.1	.1						6	6		
87										.1	.1							10	10		
/ 85										.1	.1	.0						12	12		
47 / 83								.1	.0	.3	.2	.0						29	29		
/ 81							.1	.3	.2	.1	.1							57	57		
/ 79						.1	.2	.3	.3	.2	.0							82	82		
7 / 77					.1	.2	.3	.3	.5	.2	.1							119	119		
47 / 75				.1	.2	.4	1.1	.6	.2	.1								184	184		
47 / 73				.1	.3	.6	1.1	.5	.3	.1								232	232		
/ 71			.1	.2	.7	1.2	1.2	.4	.1									310	310	1	
/ 69			.5	.5	1.1	2.0	1.2	.1	.1									434	434	32	
/ 67			.5	.4	1.5	.8	.7	.2										311	311	116	2
67 / 65		.4	1.1	1.3	1.3	1.7	1.2	.1										569	569	238	2
47 / 63		1.9	2.7	6.5	2.6	2.6	.6											1263	1263	399	155
/ 61	.0	1.7	4.4	3.6	1.6	.4	.1											872	872	785	270
/ 59	.1	2.3	3.7	1.9	.7	.1												644	644	867	310
/ 57	.2	4.4	3.3	1.8	.4	.0												753	753	1365	647
57 / 55	.2	3.5	2.0	1.1	.1													511	511	1207	963
47 / 53	.0	2.1	2.7	.5														409	409	947	1252
57 / 51	.3	1.4	1.8															262	262	609	1111
/ 49	.2	.8	.8	.1														122	122	447	659
/ 47	.1	1.3	.4															138	138	220	718
47 / 45	.1	.7	.3	.1														81	81	131	920
47 / 43	.	.1	.1															13	13	43	281
57 / 41	.1	.1	.0															10	10	24	116
/ 39																				9	65
/ 37																				1	16
77 / 35																					3
37 / 33																					1
TOTAL	.22	.9	24.6	18.7	1.9	9.4	7.5	3.7	1.8	.9	.5	.2	.0					7447			7440
																		7440		7440	

Element (X)	Σ_x'	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39150953	526679	70.8	15.843	7440							
Dry Bulb	29319927	463636	62.3	7.582	7447			179.3	73.8	15.5		744
Wet Bulb	23915187	420215	56.5	4.936	7447			14.8				744
Dew Point	20267779	386483	51.9	5.773	7440			.2				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	SEP

PAGE 1 — HOURS (L. S. T.) 0000-2200

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67			.1															1	1		
66/ 65		.1	.2	.2	.2													7	7		
4/ 63		.6	1.5	3.3	.4	.2												55	55	3	1
/ 61		1.6	2.8	3.1	.6													72	72	9	4
/ 59		1.4	2.7	1.6	1.2													62	62	37	10
/ 57		3.6	6.6	3.9	.3													129	129	82	19
/ 55	.2	5.3	6.7	3.6	.6													147	147	96	59
4/ 53	.1	3.1	8.2	2.6														125	125	121	113
/ 51		1.7	7.4	.1														83	83	144	107
/ 49		2.1	3.7	.6														57	57	131	96
/ 47		3.1	3.7	.2														62	62	95	99
/ 45	.2	4.1	3.1															67	67	76	169
4/ 43	.1	.3	1.3															16	16	59	71
/ 41	.1	.7	.1															8	8	27	57
/ 39		.7																6	6	11	55
/ 37	.1	.2																3	3	7	23
/ 35																				2	17
/ 33																					7
TOTAL	.9	28.3	48.1	19.1	7.7	.2												900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5694998	71196	79.1	8.366	900
Dry Bulb	2679306	48854	54.3	5.491	900
Wet Bulb	2353598	45800	50.9	5.246	900
Dew Point	2087817	43066	47.9	5.486	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			.1				90
Wet Bulb							90
Dew Point							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7571	MILDENHALL RAF UK	74-87	SEP

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 65			.5															2	2		
67/ 63		.7	1.2	1.9	.2													36	36	1	
67/ 61	.1	.7	2.6	1.1	.2													42	42	11	3
67/ 59		.3	3.[illegible]	1.4	.3													50	50	16	12
67/ 57	.1	3.7	6.[illegible]	2.8	.1													114	114	51	17
67/ 55	.3	6.1	4.9	3.[illegible]	.2													131	131	75	37
67/ 53	.3	4.8	7.[illegible]	2.[illegible]	.1													130	130	143	79
67/ 51		3.4	6.3	.6														97	97	123	121
67/ 49		2.6	4.4	.3														66	66	143	72
67/ 47		4.8	3.[illegible]	.3														73	73	100	109
67/ 45	.2	5.7	4.2	.1														92	92	91	196
67/ 43	.4	2.[illegible]	1.1															32	32	62	73
67/ 41		1.4	.1															14	14	44	76
67/ 39		1.3																12	12	18	46
67/ 37	.2	.6																7	7	15	31
67/ 35	.1	.1																2	2	6	19
67/ 33																				1	12
TOTAL	1.9	38.6	44.8	13.6	1.2														900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6[illegible]25131	73253	81.4	8.365	900							
Dry Bulb	2527825	47429	52.7	5.618	900							90
Wet Bulb	2251912	44778	49.8	5.173	900							90
Dew Point	2022687	42373	47.1	5.553	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]71 (STATION) WILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PAGE 1 0601-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 66				.1														1	1		
67/ 65			.1	.2	.1													6	6		
4/ 63	.1	.9	1.1	4.6	.4	.3												66	66	4	1
/ 61	.1	1.2	4.8	1.9	.4													76	76	13	9
/ 59		1.6	2.8	2.4	.4													65	65	28	12
/ 57	.3	4.6	6.7	2.9	.4													134	134	104	21
/ 55	.3	4.6	5.8	2.9	.3													125	125	91	71
/ 53	.1	3.4	7.1	1.8														112	112	134	94
/ 51		3.1	8.4	.8	.1													111	111	131	128
/ 49		1.7	3.	.2	.1													45	45	129	72
/ 47		3.9	2.7	.1	.1													61	61	103	109
/ 45	.1	3.2	2.3	.1														52	52	70	177
4/ 43	.1	1.4	1.															24	24	35	72
/ 41		.6	.2															9	9	32	60
/ 39	.1	.8	.1															9	9	13	27
/ 37	.1	.3																4	4	9	24
/ 35																				4	16
34/ 33																					6
/ 31																					1
TOTAL	1.6	31.3	46.2	18.1	2.6	.3													500		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5825363	71977	80.0	8.764	900							
Dry Bulb	2684322	48892	54.3	5.610	900			.1				90
Wet Bulb	2370889	45961	51.1	5.141	900							90
Dew Point	2116619	43357	48.2	5.572	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	SEP

PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 75					.1		.1											2	2		
74/ 73				.3			.3											4	4		
71/ 71				.1		.4	.3											8	8		
71/ 69				.2	1.2	1.9	.7	.1	.1									37	37		
69/ 67			.1	.1	1.7	1.3	.2											30	30	2	
67/ 65		.2	.6	2.6	2.6	1.2	.7											70	70	1	
64/ 63		1.2	3.4	10.1	5.8	4.3	.7	.2										232	232	14	6
62/ 61		1.2	3.4	5.4	5.1	.6	.4											146	146	58	11
59/ 59		.9	2.9	3.6	3.1	.8												101	101	107	18
57/ 57	.1	1.6	2.6	3.7	2.2	.6												96	96	171	67
55/ 55	.1	1.3	1.4	4.6	.7	.1												74	74	155	94
53/ 53		1.2	2.0	1.1	.6													42	42	127	106
52/ 51	.3	.6	2.4	.4	.2													38	38	95	143
50/ 49		.3	.2	.1														9	9	105	76
48/ 47		.2	.3															5	5	41	101
46/ 45		.1	.2															3	3	16	146
44/ 43		.3																3	3	6	55
42/ 41																				3	44
40/ 39																					23
38/ 37																					6
36/ 35																					3
34/ 33																					1
TOTAL	.6	9.2	22.2	32.1	23.2	10.8	3.4	.3	.1									900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4346449	61673	68.5	11.567	900							
Dry Bulb	3342243	54654	60.7	5.089	900			8.1	.6			90
Wet Bulb	2726759	49389	54.9	4.278	900			.2				90
Dew Point	2272954	44980	50.0	5.268	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	SEP

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8										.2								2	2		
/ 72								.1	.2									3	3		
7 / 77							.1		.1									2	2		
6 / 75					.2	.2	1.3	.6										20	20		
4 / 73				.1	.1	.8	1.2	.7	.3									30	30		
/ 71					.9	1.2	3.	.4	.3									53	53		
/ 69			.1	.2	1.2	4.8	2.6	1.7	.1									102	102		
/ 67				.6	1.5	1.6	1.7	.1	.2									54	54	5	
6 / 65		.3	1.2	1.3	2.1	3.1	3.4	.4										108	108	7	
4 / 63		.8	1.9	6.3	4.4	11.	1.4	1.1										243	243	51	9
/ 61	.1	.3	1.3	1.6	4.4	2.	1.2											105	105	101	14
/ 59		.6	1.3	1.2	1.1	1.3	.4											54	54	107	35
/ 57		1.2	.6	2.7	.8	.3	.2											46	46	164	48
/ 55		1.3	.2	1.7	1.1	.3												48	48	140	70
4 / 53		.7	.7	.1	.5													18	18	156	111
/ 51		.2	.7	.2														10	10	69	112
/ 49																				54	75
/ 47		.1																1	1	22	103
4 / 45																				13	170
4 / 43																					53
/ 41																					34
/ 39																					36
/ 37																					19
/ 35																					9
34 / 33																					4
TOTAL	.1	5.6	8.7	16.7	19.1	26.7	17.0	5.2	1.3	.2									899		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3353370	53616	59.6	13.169	899							
Dry Bulb	3748221	57845	64.3	5.408	899			26.6	5.7	.2		90
Wet Bulb	2656246	50524	56.2	4.323	899			.5				90
Dew Point	2226328	44826	49.8	5.368	899							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF UK	74-83	SEP

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8[illegible]										.7								2	2		
/ 75								.[illegible]	.1	.1								4	4		
[illegible] / 77					.[illegible]		.[illegible]	.[illegible]	.1									7	7		
/ 75					.1	.4	.6	.7	.3									18	18		
[illegible] / 73					.4	.2	1.[illegible]	.9	.4									27	27		
/ 71					.3	1.7	3.3	1.[illegible]	.2									63	63		
[illegible] / 69			.1	.7	1.6	3.7	2.3	1.7	.4									94	94	4	
[illegible] / 67				.3	1.9	1.1	2.2	.9	.7									62	62	1	
[illegible] / 65		.4	.4	2.[illegible]	2.3	2.3	3.2	.1										99	99	15	
[illegible] / 63	.1	.2	1.7	5.6	4.[illegible]	10.7	1.9	.8										224	224	40	12
[illegible] / 61		.3	2.1	2.1	3.1	1.6	1.1	.2										94	94	93	14
/ 59		.2	1.4	1.3	2.8	.8	.7	.7										70	70	110	18
[illegible] / 57		.7	1.2	2.1	.3	1.2	.3											57	57	150	47
[illegible] / 55		.6	.8	2.2	.3													35	35	134	76
[illegible] / 53		.3	.7	1.[illegible]	.4													22	22	172	101
/ 51		.8	.3	.1	.1													12	12	73	91
/ 49			.2	.6	.1													8	8	60	84
[illegible] / 47				.[illegible]	.1													2	2	30	97
[illegible] / 45																				13	187
[illegible] / 43																				3	69
[illegible] / 41																				2	33
[illegible] / 39																					33
35 / 37																					20
[illegible] / 35																					13
30 / 33																					7
[illegible] / 31																					1
TOTAL	.1	.4	9.[illegible]	18.3	19.3	23.7	16.9	6.7	2.2	.3								900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3284924	53190	59.[illegible]	13.[illegible]	900							
Dry Bulb	3741283	57797	64.2	5.747	900			27.7	5.8	.2		90
Wet Bulb	2834663	50347	55.9	4.499	900			.5				90
Dew Point	2190720	44082	49.0	5.927	900		.1					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75771	MILDENHALL RAF UK	74-87	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 71				.2	.1	.1	.3	.1										8	8		
7 / 69			.1	.2	.7	.6	.4	.1										19	19		
6 / 67			.1		.9	.8	.1											17	17		
6 / 65		.3	.3	2.3	2.7	.7	.8	.1										65	65	4	
4 / 63		.4	2.1	8.8	4.1	3.4	.7											176	176	13	7
2 / 61		.4	3.4	3.2	6.4	1.2	.6											144	144	30	8
/ 59		.7	2.4	5.[illegible]	3.0	.4												112	112	85	10
/ 57		1.3	3.3	5.8	2.1	.6	.1											119	119	132	36
5 / 55	.1	1.1	2.1	5.2	1.[illegible]	.1												87	87	111	91
/ 53		.9	2.4	2.4	1.1	.2												64	64	177	89
/ 51	.2	.7	3.1	.7	.2													44	44	119	105
1 / 49		.3	.7	.7														15	15	123	64
/ 47		.4	1.7	.4														20	20	53	129
4 / 45		.1	.7	.1														8	8	29	197
4 / 43																				15	65
/ 41		.2																2	2	6	33
4 / 39																				3	39
3 / 37																					15
/ 35																					7
3 / 33																					5
TOTAL	.3	7.1	22.2	35.8	23.2	8.1	2.0	.1											900		900
																		900		900	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4383925	61721	68.6	11.120	900
Dry Bulb	3197761	53443	59.4	5.194	900
Wet Bulb	2611725	48313	53.7	4.503	900
Dew Point	2164367	43859	48.7	5.482	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	Total
Dry Bulb			4.4				90
Wet Bulb							90
Dew Point							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
3773	MILDENHALL RAF UK	74-83	SEP

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 66			.1															3	3		
/ 65					.1	.1												2	2	3	
47/ 63		1.3	1.7	7.[illegible]	1.8	.3												109	109	1	4
/ 61		.8	4.7	4.2	2.2	.1												108	108	17	10
/ 59		2.4	3.2	2.4	1.7													88	88	27	8
/ 57		2.2	4.7	5.7	1.1	.2												134	134	134	26
5/ 55		2.4	7.1	4.3	.3													128	128	101	68
4/ 53	.1	1.4	6.1	3.4	.3													103	103	116	94
/ 51		1.4	6.5	1.4	.1													85	85	148	122
/ 49		.4	3.2	.9														41	41	139	59
/ 47		.2	2.1	.7														45	45	87	121
/ 45		1.6	2.1	.3														36	36	62	161
47/ 43		.3	.7															9	9	33	80
/ 41		.7																6	6	19	52
/ 39		.1																1	1	10	42
/ 37		.1																1	1	1	24
/ 35																				1	5
/ 33																					3
TOTAL	.1	11.6	42.4	37.5	7.7	.8												899	899	899	899

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5245857	68195	75.9	9.005	899
Dry Bulb	2832279	50242	55.9	5.215	899
Wet Bulb	2436200	46598	51.8	4.922	899
Dew Point	2119712	43376	48.2	5.468	899

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			.3				90
Wet Bulb							90
Dew Point							90

USAFETAC FORM AN 64 0-26-5 (OL A) REVISED PRE-VIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5[illegible]71	MILDENHALL RAF [illegible]K	74-83	SEP

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]										.1								4	4		
[illegible] / 78								.	.0	.1								7	7		
7 / 77					.		.1	.1	.0									9	9		
[illegible] / 75					.	.1	.2	.2	.1									40	40		
[illegible] / 73				.	.1	.1	.3	.2	.1									61	61		
[illegible] / 71				.	.2	.4	.2	.2	.1									132	132		
[illegible] / 69			.1	.3	.4	1.3	.8	.4	.1									256	256	4	
[illegible] / 67			.1	.1	.2	.6	.5	.1	.1									168	168	8	
[illegible] / 65		.0	.4	1.1	1.3	.9	1.[illegible]	.1										359	359	30	
[illegible] / 63	.1	.5	1.8	5.9	2.7	3.8	.6	.3										1141	1141	127	40
[illegible] / 61	.0	.8	3.1	2.9	2.8	.7	.5	.										787	787	332	73
[illegible] / 59		1.1	2.5	2.4	1.8	.4	.1	.										602	602	517	123
[illegible] / 57	.1	2.5	3.0	3.6	1.[illegible]	.4	.1											829	829	988	281
5 / 55	.1	2.8	3.7	3.4	.6	.1												775	775	903	566
[illegible] / 53	.1	1.9	4.3	1.9	.4	.0												616	616	1146	787
[illegible] / 51	.1	1.5	4.5	.5	.1													480	480	902	929
[illegible] / 49		.9	2.[illegible]	.4	.													241	241	894	598
[illegible] / 47		1.3	1.5	.2	.1													269	269	531	868
[illegible] / 45	.1	1.8	1.6	.1														258	258	370	1423
4 / 43	.1	.6	.5															84	84	213	532
[illegible] / 41	.	.5	.1															39	39	132	389
[illegible] / 39	.	.4	.0															28	28	55	321
[illegible] / 37	.1	.2																15	15	32	162
[illegible] / 35	.1	.1																2	2	13	79
[illegible] / 33																				1	45
[illegible] / 31																					2
TOTAL	.7	17.8	31.2	22.9	12.5	8.8	5.0	1.[illegible]	.5	.1								7198	7198		7198
																		7198		7198	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	38120017	516721	71.5	13.506	7198							
Dry Bulb	24752936	419156	58.2	6.919	7198			67.3	12.1	.5		720
Wet Bulb	20441992	381710	53.0	5.273	7198			1.2				720
Dew Point	17201181	349519	48.6	5.645	7198		.2					720

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	MILDENHALL RAF [illegible]K	74-8[illegible]	OCT

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67				.1														1	1		
[illegible] / 65			.1															1	1		
[illegible] / 63			.3	.2	.5													16	16		
[illegible] / 61		.2	.9	.8	.1													23	23	2	
[illegible] / 59		.8	1.5	.5														26	26	16	5
[illegible] / 57		2.5	2.[illegible]	.9	.1													51	51	26	12
[illegible] / 55	.3	3.1	1.5	2.5														69	69	53	19
[illegible] / 53	.2	3.2	5.3	.5	.1													102	102	61	63
[illegible] / 51	.4	3.5	6.7	.6	.1													106	106	74	59
[illegible] / 49	.2	4.1	4.4	1.1														90	90	117	52
[illegible] / 47		6.6	4.9	.4														113	113	105	79
[illegible] / 45		6.9	6.3	.1														124	124	126	136
47 / 43		3.8	3.[illegible]															69	69	99	103
[illegible] / 41		3.9	1.1															46	46	95	82
[illegible] / [illegible]		3.2	.4	.2														36	36	61	102
[illegible] / [illegible]		1.3	1.1															22	23	36	79
[illegible] / 35	.1	1.1	.5															16	16	18	71
[illegible] / 33		1.2	.2															16	16	23	25
[illegible] / [illegible]		.3																3	3	18	4
[illegible] / [illegible]																				3	17
[illegible] / 27																					19
[illegible] / 25																					3
[illegible] / 23																					2
TOTAL	1.3	46.3	42.4	8.5	1.[illegible]														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	61554[illegible]9	75287	81.[illegible]	8.[illegible]79	93[illegible]							
Dry Bulb	2278841	45633	49.1	6.540	930		.3	.1				93
Wet Bulb	2030645	43071	46.3	6.217	930		2.1					93
Dew Point	1795643	40375	43.4	6.788	930		4.5					93

USAFETAC FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
3771	MILDENHALL RAF UK	74-83	OCT

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 66				.1														1	1		
64/ 63		.2	.3	1.2														14	14		
62/ 61		.1	1.4	.4	.4													22	22	6	1
60/ 59		.3	.5	.3														11	11	6	7
58/ 57	.1	1.5	1.6	.3														39	39	21	3
56/ 55	.4	2.6	3.1	1.2														74	74	27	15
54/ 53	.4	3.9	4.7	.5														89	89	58	43
52/ 51	.6	3.6	4.6	.9														91	91	101	52
50/ 49	.6	2.7	3.3	.9														70	70	98	61
48/ 47	.1	6.2	5.4	.3														112	112	86	86
46/ 45	.1	9.3	7.2															154	154	115	140
44/ 43		2.8	3.6															59	59	124	75
42/ 41		5.5	1.2															62	62	80	97
40/ 39		4.6	.8	.3														53	53	67	114
38/ 37		2.[illegible]	1.2															30	30	52	71
36/ 35		1.9	.6															24	24	30	61
34/ 33	.1	1.2	.2															14	14	36	45
32/ 31		.6	.1															7	7	12	11
30/ 29		.3																3	3	7	25
28/ 27																				3	20
26/ 25																					2
24/ 23																					3
22/ 21																					2
TOTAL	2.7	49.4	41.2	7.3	.4														929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	627954	76[illegible]06	81.8	8.116	929							
Dry Bulb	2182132	44588	48.[illegible]	6.735	929		1.[illegible]					93
Wet Bulb	1952748	42178	45.4	6.382	929		2.2					93
Dew Point	1733510	39612	42.6	6.223	929		6.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	OCT

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/65			.7	.1														3	3		
67/63		.2	.4	.2	.1													14	14	2	
67/61			1.4	.5	.2													20	20	5	3
67/59		1.1	.9	.4														22	22	6	5
67/57	.1	1.5	2.2	.8														42	42	27	9
5 67/55	.1	2.7	3.3	1.4														70	70	29	16
67/53	.1	3.2	3.9	.8														74	74	61	33
67/51	.2	3.9	5.8	.5	.1													98	98	78	57
67/49	.5	3.1	4.5	1.5														90	90	105	65
67/47	.3	7.3	3.2	.5														106	106	109	74
67/45		8.8	7.7	.1														155	155	124	139
47/43	.7	3.3	3.7	.7														65	65	122	131
67/41	.1	4.3	1.3	.3														56	56	77	103
4 67/39	.1	3.7	.9	.1														44	44	54	101
67/37	.1	2.8	.6															33	33	50	67
67/35		1.5	.5															19	19	37	57
3 67/33		1.1	.1															11	11	30	36
67/31		.6																6	6	9	16
67/29		.2																2	2	4	28
67/27																				1	15
67/25																					5
TOTAL	2.3	49.4	46.7	8.2	.4														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6265361	75959	81.7	8.124	930							
Dry Bulb	2214755	44965	48.3	6.621	930		.8					93
Wet Bulb	1982584	42542	45.7	6.271	930		1.4					93
Dew Point	1758071	39937	42.9	6.808	930		6.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

03771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
OCT — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.2												2	2		
7 / 69					.3	.1												3	3		
6 / 67			.3		.3													3	3		
66/ 65			.2	.2	.1													5	5	1	
64/ 63		.3	1.1	3.4	.2	.4												54	54	5	1
2/ 61		.5	2.8	2.4	.8	.1												61	61	7	2
/ 59		.5	3.5	2.2	1.2	.2												70	70	23	6
/ 57		1.5	2.6	2.5	.6	.3												70	70	64	17
55/ 55		2.7	3.2	4.2	1.4													107	107	73	32
4/ 53		1.5	5.4	3.7	1.3	.1												111	111	80	69
2/ 51		2.8	9.4	3.2	.6													147	147	96	77
5 / 49	.2	1.2	4.5	1.5	.1													68	68	136	61
/ 47	.4	3.7	4.5	1.2														91	91	166	83
45/ 45	.1	2.8	4.5	.6	.1													76	76	113	162
44/ 43		1.2	1.5	.1														26	26	76	108
42/ 41		1.1	.5															15	15	37	117
/ 39		1.2	.3															14	14	28	92
3 / 37	.1	.2	.1															4	4	16	51
34/ 35		.1																1	1	6	22
32/ 33	.1		.1															2	2	2	19
2/ 31																				1	6
/ 29																					4
26/ 27																					1
TOTAL	1.0	20.9	44.4	24.6	7.4	1.5													930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5376829	71099	75.8	9.989	930							
Dry Bulb	2657936	49400	53.1	6.037	930			.8	.2			93
Wet Bulb	2277043	45741	49.2	5.423	930		.1					93
Dew Point	1985890	42162	45.3	6.055	930		1.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	74-83	OCT

PAGE 1 — HOURS (L. S. T.): 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 78								.1										2	2		
77 / 75						.1	.1											2	2		
67 / 73							.5											5	5		
/ 71							.1											1	1		
/ 69				.1	.1	.9												11	11		
/ 67			.2	.1	.4	.2	.1											10	10		
67 / 65			.2	.5	1.5	.3	.2											26	26	3	
47 / 63			.8	5.1	2.4	2.6	.4											104	104	7	
77 / 61		.3	2.3	2.5	2.9	1.1	1.3											99	99	20	5
/ 59			.9	1.2	2.5	.9	.2											65	65	34	6
/ 57		.9	1.5	2.9	2.8	1.4												87	87	82	13
57 / 55	.1	1.8	2.4	6.7	4.4	.3												146	147	74	38
47 / 53		1.3	3.7	4.4	4.4	.6												134	134	92	77
27 / 51		1.2	4.5	2.7	2.6	.1												103	103	100	75
37 / 49	.1	1.2	2.9	2.3	.3													63	63	172	47
/ 47	.1	.9	.8	1.2	.3													30	30	158	75
27 / 45		.1	1.4	.6														29	29	114	165
47 / 43		.2	.1															3	3	40	102
37 / 41		.5	.3															8	8	19	99
67 / 39		.1																1	1	12	100
37 / 37																				2	70
/ 35																					34
37 / 33																					14
27 / 31																					8
27 / 29																					1
TOTAL	.3	7.4	22.9	37.8	25.0	8.4	3.0	.2											930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4314119	6235	67.1	11.812	929							
Dry Bulb	2984181	52603	56.3	5.815	930			3.1	.9			93
Wet Bulb	2408073	47067	50.7	5.028	929							93
Dew Point	1932302	41978	45.2	6.183	929		.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
OCT — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 72								.1										1	1		
76/ 72							.1											1	1		
74/ 73							.1											1	1		
72/ 71						.2												2	2		
71/ 69				.7		.6	.1											10	10		
70/ 67					.7	.2	.2											7	7		
67/ 65			.3	.6	.7		.1											18	18	1	
66/ 63		.1	1.[illegible]	4.[illegible]	2.3	1.9	.2											88	88	4	
65/ 61		.2	2.[illegible]	2.3	2.3	1.1	.9											81	81	14	3
63/ 59			1.5	2.5	1.3	.6	.2											57	57	36	6
61/ 57		1.1	2.2	5.2	1.6	1.2												103	103	62	12
59/ 55		1.5	2.5	6.[illegible]	2.8	.6												125	125	65	44
57/ 53		1.3	4.9	5.7	3.5	.1												145	145	92	45
55/ 51	.2	1.7	4.3	3.7	1.9													110	110	118	78
53/ 49		.8	2.[illegible]	2.5	.9	.2												58	58	172	42
51/ 47		1.7	2.8	3.[illegible]	.2													72	72	137	109
49/ 45		.1	2.4	.8	.2													41	41	115	175
47/ 43		.2	.3															5	5	76	83
45/ 41			.2															2	2	27	104
43/ 39		.1																1	1	12	83
41/ 37		.2																2	2	1	67
39/ 35																				2	57
37/ 33																					17
35/ 31																					3
33/ 29																					4
31/ 27																					2
TOTAL	.2	9.9	26.5	36.5	18.1	6.9	1.9	.1										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 8 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4885596	637[illegible]	68.5	11.[illegible]	930							
Dry Bulb	2882526	51[illegible]	55.9	5.702	930			2.2	.3			93
Wet Bulb	2353933	46551	50.1	5.[illegible]	930							93
Dew Point	1905370	41708	44.8	6.159	930		.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7271	MILDENHALL RAF UK	74-83	OCT

PAGE 1 — HOURS (L. S. T.) 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]						.1												1	1		
[illegible]/69				.2		.1												3	3		
[illegible]/67				.1	.1													2	2		
67/65				.1	.1													2	2		
47/63			.1	2.2	.2	.5												30	30	3	
[illegible]/61		.3	2.4	1.2	.1													44	44	4	2
[illegible]/59		1.1	3.2	1.2	.2													45	45	13	5
[illegible]/57		1.3	2.8	2.3	.4	.2												65	65	51	12
5[illegible]/55		2.3	2.2	3.1	.2													72	72	46	40
47/53		1.9	6.8	3.9	.4													121	121	70	29
[illegible]/51	.3	2.2	9.1	2.3	.3													132	132	80	72
[illegible]/49		2.5	5.1	2.1														89	89	154	42
[illegible]/47		3.5	6.1	1.3	.2													104	104	136	71
4[illegible]/45		3.1	8.7	1.2														120	120	114	199
4[illegible]/43		2.1	3.5	.5														57	57	98	98
[illegible]/41		1.7	.6															22	22	81	94
[illegible]/39		.8	.4															11	11	50	104
[illegible]/37		.6	.1															7	7	16	62
[illegible]/35		.2	.1															3	3	11	56
34/33																				4	27
[illegible]/31																					9
[illegible]/29																					5
[illegible]/27																					3
TOTAL	.1	23.3	51.4	22.1	2.9	1.1													931		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5514846	71062	76.4	8.982	930							
Dry Bulb	2570169	47909	51.5	5.981	930			.6				93
Wet Bulb	2160031	44533	47.9	5.448	930							93
Dew Point	1852493	41110	44.2	6.160	930		1.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
75771	MILDENHALL RAF UK	74-83	OCT

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67					.1													2	2		
66/ 65				.1	.2													4	4		
4/ 63			.6	.2	.3	.1												18	18		
[illegible] / 61			1.5	.4	.2													20	20	3	
[illegible] / 59		1.4	2.5	.3	.1													40	40	15	4
[illegible] / 57		2.2	2.3	1.1														51	51	32	17
[illegible] / 55	.0	2.[illegible]	2.[illegible]	1.4														53	53	49	16
4/ 53		3.8	4.6	3.[illegible]														106	106	54	48
[illegible] / 51	.4	2.6	8.[illegible]	.3	.3													110	110	83	65
[illegible] / 49		3.2	5.3	1.4														92	92	116	49
[illegible] / 47		5.5	3.7	.3	.1													89	89	127	56
46/ 45	.1	7.5	9.6	.5														165	165	127	180
44/ 43	.1	2.9	4.6	.1														72	72	86	119
[illegible] / 41		[illegible].5	1.1	.1														34	34	103	83
4 / 39		[illegible].1	1.1															38	38	49	94
3 / 37		.9	1.[illegible]															17	17	39	71
[illegible] / 35		.6	.3															9	9	19	54
34/ 33		.4	.3															7	7	19	33
[illegible] / 31		.3																3	3	9	12
[illegible] / 29																					10
[illegible] / 27																					19
TOTAL	.2	39.0	48.4	17.1	1.5	.1												930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6028850	74888	80.1	8.193	930
Dry Bulb	2319168	46068	49.5	6.325	930
Wet Bulb	2053255	43347	46.6	5.948	930
Dew Point	1805238	40520	43.6	6.589	930

Mean No. of Hours with Temperature

	≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb		.3	.2				93
Wet Bulb		.9					93
Dew Point		8.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	ILDENHALL RAF UK	74-81	OCT

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 75																		3	3		
77/ 75																		3	3		
74/ 73																		8	8		
71/ 71																		4	4		
71/ 69																		27	27		
67/ 67																		25	25		
67/ 65																		60	60	5	
64/ 63																		338	338	21	1
62/ 61																		370	370	61	16
61/ 59																		336	336	149	44
61/ 57																		508	508	365	95
59/ 55																		716	717	416	220
56/ 53																		882	882	568	404
52/ 51																		897	897	726	529
51/ 49																		620	620	1070	419
47/ 47																		717	717	1024	633
45/ 45																		864	864	948	1296
44/ 43																		356	356	721	789
42/ 41																		245	245	519	777
41/ 39																		198	198	333	790
37/ 37																		115	115	212	538
35/ 35																		73	77	122	412
34/ 33																		50	50	111	216
32/ 31																		19	19	49	69
29/ 29																		5	5	14	93
27/ 27																				4	80
25/ 25																					10
23/ 23																					5
22/ 21																					2
TOTAL	1.1	31.0	39.4	18.5	7.1	2.2	.6	.1											7439		7438
																		7438		7438	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	44409745	568953	76.5	10.933	7438							
Dry Bulb	27019674	382470	51.4	6.911	7439		2.4	7.0	1.4			744
Wet Bulb	17217812	355030	47.7	6.743	7438		6.7					744
Dew Point	14728110	327398	44.0	6.529	7438		25.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 — STATION
WILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1															1	1		
60/ 59		.2	.3															5	5		
58/ 57		.4	1.2	.3														18	18	5	
56/ 55	.3	.7	2.2	.7														35	35	12	5
54/ 53	.1	2.2	4.7	1.6														77	77	22	17
52/ 51		1.3	3.8	.7	.3													52	52	58	14
50/ 49	.2	2.7	2.6	1.2														60	60	57	37
48/ 47	.3	4.9	3.1	.3														77	77	82	52
46/ 45	.7	6.	5.1	.8														113	113	81	94
44/ 43		3.6	4.7	.6														79	79	86	62
42/ 41		2.9	3.7	.2														61	61	79	68
40/ 39	.6	4.8	3.2	.2														79	79	82	85
38/ 37	1.2	4.3	2.9															75	75	90	74
36/ 35	.7	5.7	2.															75	75	75	105
34/ 33	.9	2.9	1.3															46	46	87	76
32/ 31		1.6	.1															15	15	37	59
30/ 29	.2	1.9	.7															25	25	27	55
28/ 27	.1	.1	.1															3	3	17	55
26/ 25		.1																1	1	6	22
24/ 23																				1	6
22/ 21																					4
20/ 19	.1	.2																3	3	1	5
18/ 17																				2	3
16/ 15																					2
TOTAL	5.4	46.	141.	6.	6.	.3													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5983995	72933	81.1	9.057	900							
Dry Bulb	1772989	39393	43.8	7.364	900		4.7					90
Wet Bulb	1577787	37161	41.3	6.249	900		8.4					90
Dew Point	1368809	34395	38.2	7.488	900		21.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
25771	MILDENHALL RAF UK	74-83	NOV

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59		.1	.2															3	3		
/ 57		.6	1.2	.4														20	27	1	
56 / 55	.3	1.2	1.4	.6														32	32	10	4
54 / 53	.1	1.2	3.4	1.[illegible]														52	52	24	6
52 / 51	.1	2.[illegible]	5.2	.4	.2													72	72	43	26
50 / 49		1.6	2.7	.7														44	44	65	17
[illegible] / 47	.2	4.8	2.[illegible]	.7														69	69	74	47
46 / 45	1.[illegible]	5.[illegible]	5.7	.4														109	109	89	112
44 / 43		3.3	4.2	.9														76	76	65	67
42 / 41		5.7	3.[illegible]	.7														81	81	73	65
[illegible] / [illegible]	.1	7.[illegible]	1.3	.6														87	87	81	70
38 / 37	1.7	4.1	2.8															77	77	115	87
[illegible] / 35		4.2	1.7															53	53	56	68
34 / 33	.9	4.9	1.[illegible]															61	61	98	88
[illegible] / 31	.2	1.8																18	18	50	57
[illegible] / [illegible]	.2	1.7	.8															24	24	23	68
[illegible] / 27	.6	1.1	.1															16	16	17	61
[illegible] / 25																				10	28
[illegible] / 23		.2																2	2		8
[illegible] / 21		.1																1	1	2	7
[illegible] / 19		.1																1	1	1	8
[illegible] / 17		.2																2	2	3	2
16 / 15																					1
14 / 11																					3
TOTAL	5.4	51.6	36.8	6.1	.2													900	900		900
																				900	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6021128	73163	81.3	9.075	900							
Dry Bulb	1723424	38794	43.1	7.549	900		6.4					90
Wet Bulb	1536243	36631	40.7	7.100	900		10.6					90
Dew Point	1328807	33881	37.6	7.703	900		24.3					90

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

EUROPEAN CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
61/ 65					•													1	1		
59/ 59		.1	.4	.2														7	7		
57/ 57		.6	1.1	.1														16	16	2	
55/ 55	.1	1.3	2.1	.4														35	35	10	2
53/ 53	.1	1.6	2.3	.4														40	40	30	12
51/ 51		1.9	6.9	.6	.1													85	85	43	26
49/ 49		1.1	2.3	1.1														40	40	55	19
47/ 47	.2	4.1	1.7	.4														58	58	75	47
45/ 45	.6	5.4	5.9	.8														114	114	85	110
43/ 43	.1	3.9	5.2	.6														88	88	66	62
41/ 41		6.1	3.4	.3														89	89	75	60
39/ 39	.3	6.7	2.1	.1														82	82	106	70
37/ 37	.9	4.3	2.1	.3														69	69	94	84
35/ 35	.3	4.9	1.8															63	63	74	93
33/ 33	1.	3.7	.8															49	49	78	95
31/ 31	.3	2.1	.1															23	23	55	47
29/ 29		2.2	.1															21	21	20	56
27/ 27	.3	.9	.2															13	13	17	64
25/ 25	.1	.1																2	2	9	24
23/ 23		.1																1	1	1	10
21/ 21		.1																1	1	1	7
19/ 19		.1																1	1	1	5
17/ 17		.2																2	2	1	2
15/ 15																				2	2
11/ 11																					1
9/ 9																					2
TOTAL	4.4	51.6	38.4	5.3	.2													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6021882	73168	81.3	9.[illegible]41	900							
Dry Bulb	1732037	38933	43.2	7.499	900		6.4					90
Wet Bulb	1543013	36719	40.8	7.769	900		10.7					90
Dew Point	1337116	33994	37.8	7.687	900		22.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]71	MILDENHALL RAF UK	74-83	NOV

PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 63				.2														2	2		
67/ 61			.3	.6														9	9		
67/ 59			.1	.1														11	11		
67/ 57		.2	2.1	1.1														37	37	6	
67/ 55		.7	2.9	1.1	.1													43	43	23	2
67/ 53		2.2	4.1	1.2	.2													70	70	36	20
67/ 51		1.7	5.4	1.2	.2													77	77	70	31
67/ 49		1.1	3.1	.4														42	42	61	38
67/ 47		4.4	3.6	1.2														86	86	71	56
67/ 45	.1	6.2	10.4	1.7	.3													167	167	108	103
67/ 43	.2	2.3	5.6	1.2	.1													85	85	89	71
67/ 41		4.6	4.1	.3	.3													80	80	108	91
67/ 39	.2	4.6	1.3	.2														60	61	105	79
67/ 37	.7	3.1	2.2															45	45	77	92
67/ 35	.4	2.1	1.1	.3														36	36	44	107
67/ 33	.4	2.4	.7															32	32	50	69
67/ 31		.6	.1															6	6	31	26
67/ 29		.4	.2															6	6	12	33
67/ 27																				2	55
67/ 25																				1	7
67/ 23																					8
67/ 21		.3																3	3		5
67/ 19		.1																1	1	3	1
67/ 17		.2																3	2	1	
67/ 15																				2	3
67/ 13																					1
67/ 11																					2
TOTAL	2.1	36.8	48.8	11.2	1.1														900		900
																		900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5627330	70664	78.5	9.363	900							
Dry Bulb	1937283	41271	45.9	7.554	900		1.8					90
Wet Bulb	1696429	38612	42.9	6.661	900		5.2					90
Dew Point	1447662	35476	39.4	7.404	900		14.1					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	NOV

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 67				1.	.7													12	12		
72/ 61		.1	1.2	.2	.4													21	21		
70/ 59			1.9	1.7	.7													28	28	2	
67/ 57		.6	1.7	3.3	.1													53	53	17	1
65/ 55	.1	1.1	2.1	3.1	.6													63	63	35	7
64/ 53	.1	1.6	3.4	3.9	.9													88	88	39	30
62/ 51		1.1	6.1	2.2	.2													91	91	80	44
60/ 49		.9	3.4	2.3	.2	.1												64	64	87	28
57/ 47		1.4	5.9	3.8	.6													123	123	102	57
54/ 45	.1	2.4	8.9	2.9	.9	.1												140	140	111	126
54/ 43	.1	1.6	5.4	1.6	.1													79	79	107	74
52/ 41	.4	2.8	2.2	.9	.1													56	56	108	90
50/ 39	.1	2.7	1.4	.7														44	44	94	101
47/ 37	.1	.1	.6															9	9	54	115
45/ 35	.1	.7	.8															14	14	24	84
43/ 33	.1	.7	.1															8	8	26	36
41/ 31		.1																1	1	7	23
39/ 29		.2																2	2	3	32
37/ 27		.3																3	3		37
34/ 25		.1																1	1	3	7
32/ 23																				1	1
30/ 21																					0
28/ 19																					0
TOTAL	1.2	7.4	44.8	27.3	5.2	.4													900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,77795	66927	74.4	10.593	900							
Dry Bulb	2173842	43854	48.7	6.418	900		.7					90
Wet Bulb	1851317	41459	45.0	6.213	900		1.4					90
Dew Point	1535428	36638	40.7	6.996	900		10.7					90

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]DENHALL RAF [illegible]K	74-87	NOV

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.6		.2												7	7		
[illegible]		.2	1.1	.2	.2													16	16		
[illegible]		.1	1.2	.2														17	17	2	
[illegible]		.2	2.	2.3														51	51	16	3
[illegible]	.2	2.	2.7	2.4	.2													63	63	24	12
[illegible]	.2	1.2	4.8	4.	.2													93	93	46	20
[illegible]		.1	4.3	1.1	.5													55	55	76	45
[illegible]		.7	4.5	1.4	.1													61	61	82	16
[illegible]		7.9	4.6	2.6	.2													101	101	87	59
[illegible]		3.4	.8	4.2	.6													153	153	90	111
[illegible]	.2	2.3	2.3	1.1	.1	.1												81	81	85	86
[illegible]	.1	6.1	3.	.6														79	79	128	82
[illegible]	.2	3.4	1.7	1.1	.1													59	59	109	91
[illegible]	.3	1.7	1.1	.1														29	29	61	122
[illegible]	.1	1.	.2															18	18	37	79
[illegible]		.8	.5															10	10	37	44
[illegible]		.4																3	3	1	31
[illegible]		.1																1	1	3	43
[illegible]		.3																3	3	1	36
[illegible]																				1	11
[illegible]																					2
[illegible]																					5
[illegible]																					3
TOTAL	1.3	27.7	45.7	22.7	2.3	.3													900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5261847	68225	75.8	10.06	900							
Dry Bulb	2081935	42881	47.6	6.578	900		.7					90
Wet Bulb	1792267	39773	44.2	6.205	900		2.0					90
Dew Point	1499648	36174	40.2	7.129	900		13.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	NOV

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47/ 53				.2														2	2		
47/ 51		.3	.2	.2	.2													10	10		
47/ 49		.6	.8	.1														13	13	3	
47/ 47		.5	1.8	.4	.1	.1												29	29	9	3
50/ 45	.1	1.6	2.3	1.[illegible]	.1													46	46	17	8
49/ 43	.2	.7	4.[illegible]	1.2	.1													62	62	38	18
47/ 41		1.1	5.6	.4														73	73	43	32
47/ 39		.7	3.6	.2														40	40	79	15
45/ 47		4.4	3.6	.8														79	79	93	43
46/ 45	.3	4.3	9.2	.8	.3													135	135	66	127
47/ 43		1.3	5.2	1.[illegible]														86	86	82	69
47/ 41	.1	5.1	4.3	.4														90	90	110	76
47/ 39	.4	6.1	2.7	.1														84	84	88	61
38/ 37	1.6	2.1	2.2	.1														54	54	109	1.8
37/ 35	.3	2.4	2.[illegible]	.1														44	44	53	89
35/ 33	.1	1.6	.7	.1														22	22	56	58
37/ 31		1.7	.2															17	17	33	34
37/ 29		.8	.3															10	10	12	50
37/ 27	.1	.1																2	2	9	64
37/ 25		.1																1	1	1	14
37/ 23		.1																1	1	1	4
37/ 21																				1	4
37/ 19																					4
37/ 17																					2
TOTAL	3.3	37.9	49.7	8.[illegible]	1.[illegible]	.1												900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	56815.2	71020	78.9	9.269	900							
Dry Bulb	1892922	40776	45.3	7.114	900		3.1					90
Wet Bulb	1662639	39211	42.5	6.698	900		5.7					90
Dew Point	1319039	35111	39.0	7.404	900		17.6					90

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]71 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.2	.7														8	8		
[illegible]		.4	.2	.1														12	12		
[illegible] 57		.6	[illegible]	.3														26	26	6	
[illegible] 55		1.1	.7	.7	.1													23	23	18	5
[illegible] 53	.3	.7	3.7	1.8														58	58	33	13
[illegible] 51		1.4	7.2	.3														81	81	28	35
[illegible] 49		1.8	1.8	.3														35	35	78	13
[illegible] 47	.1	4.[illegible]	3.3	.4														71	71	83	32
[illegible] 45	.4	6.1	7.3	.7	.1													132	132	67	120
[illegible] 43		3.[illegible]	[illegible]	.4														85	85	88	71
[illegible] 41		3.8	7.8	.6														54	64	89	76
[illegible] 39	.4	7.2	3.1	.2														99	99	93	78
[illegible] 37	.6	7.3	1.6															52	52	94	71
[illegible] 35	.6	2.4	3.7	.2														59	59	74	98
[illegible] 33	.3	7.3	1.4															46	46	62	77
[illegible] 31	.3	1.2	.2															16	16	52	41
[illegible]	.1	1.4	.7															20	20	18	44
[illegible] 27	.3	.6																8	8	15	78
[illegible] 25																				7	24
[illegible] 23		.3																3	3		5
[illegible] 21		.7																1	1	3	7
[illegible] 19	.1																	1	1	2	7
[illegible] 17																					3
[illegible] 15																					2
TOTAL	4.[illegible]	42.9	46.1	6.8	.2													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5803197	71826	79.8	8.887	900							
Dry Bulb	1799972	39676	44.1	7.523	900		4.9					90
Wet Bulb	1590124	37293	41.4	7.181	900		9.7					90
Dew Point	1361040	34316	38.1	7.650	900		21.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	74-83	NOV

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
65/ 65					.1													1	1		
64/ 63				.1	.1	.1												23	23		
61/ 61		.1	.4	.3	.1													65	65		
60/ 59		.2	.3	.3	.1													96	96	7	
59/ 57		.7	1.6	1.1	.1	.0												250	250	62	7
58/ 55	.2	1.2	2.1	1.3	.1													340	340	149	45
57/ 53	.1	1.4	3.8	2.1	.2													540	540	268	136
56/ 51	.1	1.3	5.7	.9	.3													586	586	438	253
55/ 49	.0	1.3	3.0	1.3	.0	.0												386	386	564	183
54/ 47	.1	4.3	3.5	1.3	.1													664	664	667	390
53/ 45	.4	4.8	7.7	1.5	.3	.0												1063	1063	697	903
52/ 43	.1	2.9	5.2	.9	.1	.0												659	659	668	562
51/ 41	.1	4.5	3.3	.4	.1													600	600	770	608
49/ 39	.3	5.4	2.1	.4	.1													594	594	748	655
47/ 37	.9	2.8	1.9	.1														410	410	694	753
45/ 35	.3	2.9	1.7	.1														362	362	437	723
34/ 33	.5	2.5	.8	.1														274	274	494	543
32/ 31	.1	1.2	.1															99	99	278	318
31/ 29	.1	1.1	.3															109	109	118	381
30/ 27	.2	.4	.1															48	48	71	450
29/ 25	.1	.1																5	5	40	137
28/ 23		.1																7	7	4	44
27/ 21		.1																6	6	7	44
26/ 19	.1	.1																7	7	8	34
25/ 17		.1																6	6	7	13
24/ 15																				4	13
23/ 13																					3
22/ 11																					4
21/ 9																					4
TOTAL	3.5	39.4	44.0	11.7	1.3	.1													7200		7200
																		7200		7200	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	45478369	567923	78.9	9.731	7200							
Dry Bulb	15114458	325548	45.2	7.805	7200		28.7					720
Wet Bulb	13249814	304856	42.3	6.891	7200		53.7					720
Dew Point	11293615	279985	38.9	7.509	7200		143.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	73-80	DEC

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/61			.1															1	1		
60/59			.1															1	1		
58/57				.1														1	1	2	
56/55		.1	1.0	.2														12	12		
54/53		.2	1.8	.2	.1													22	22	2	2
52/51		.8	3.7	.2														43	43	15	3
50/49		.2	2.6	.8	.2													53	53	34	10
48/47	.3	3.3	3.1	.6														69	69	66	32
46/45	.5	4.0	3.5	.8														83	83	72	71
44/43	.6	3.0	3.4	.4														70	70	68	54
42/41	.1	3.3	3.8	.1														68	68	65	56
40/39	1.3	6.0	4.1	.1														107	107	89	68
38/37	1.6	4.4	3.0	.1														91	91	108	69
36/35	1.1	6.7	5.7	.2														127	127	99	118
34/33	.1	3.8	1.7	.1														53	53	111	71
32/31	.2	2.4	.2															26	26	72	76
30/29	.1	2.7	.6															32	32	34	61
28/27	.2	3.5	.4															39	39	30	87
26/25		1.6																15	15	31	33
24/23		1.0																9	9	17	35
22/21	.1	.3																4	4	8	12
20/19		.1																1	1	3	24
18/17		.1																1	1	1	13
16/15		.1																1	1	2	9
14/13		.1																1	1	1	2
12/11																					3
10/9																					1
8/7																					
TOTAL	6.5	40.7	39.6	4.0	.3														930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6387754	74768	80.4	9.088	930							
Dry Bulb	1548301	37303	40.1	7.485	930		12.9					93
Wet Bulb	1374408	35132	37.8	7.132	930		19.9					93
Dew Point	1162185	32029	34.4	7.977	930		37.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 — STATION
MILDENHALL RAF UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 57			.2	.1														3	3		
56/ 55			.5	.5														10	10		
[illegible]/ 53		.3	1.3	.5														20	20	2	
52/ 51		.6	4.3	.2														48	48	15	1
[illegible]/ 49		1.0	2.0	.3	.3													34	34	32	8
[illegible]/ 47	.1	3.4	2.7	.1														59	59	66	19
46/ 45	.2	5.2	4.4	.6	.1													98	98	68	75
44/ 43	.6	2.7	3.3	.2														64	64	57	56
[illegible]/ 41	.1	4.[illegible]	4.4															79	79	75	69
[illegible]/ 39	.4	7.1	3.6	.1														104	104	71	60
37/ 37	3.3	2.3	3.7	.1														87	87	130	73
36/ 35	.2	7.[illegible]	4.6															110	110	70	105
34/ 33	.2	5.3	1.4															64	64	118	67
32/ 31		2.4	.1															23	23	85	47
[illegible]/ 29	.3	3.3	.2															36	37	36	101
26/ 27	.1	4.1	.9															47	47	33	113
[illegible]/ 25		2.2																20	20	28	28
24/ 23		.9																8	8	24	33
22/ 21	.1	.8																8	8	8	8
[illegible]/ 19	.1	.3																4	4	8	29
[illegible]/ 17																				3	11
16/ 15																					13
[illegible]/ 13		.1																1	1	1	3
12/ 11																		1	1	1	7
[illegible]/ 9		.1																1	1	1	
[illegible]/ 7																					2
[illegible]/ 3																					1
TOTAL	5.9	53.1	37.7	2.9	.4														930		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6091857	74765	80.5	8.981	929							
Dry Bulb	1510263	36780	39.5	7.741	930		15.0					93
Wet Bulb	1340855	34633	37.3	7.321	929		22.5					93
Dew Point	1130466	31516	33.9	8.127	929		39.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible]71	MILDENHALL RAF UK	73-8[illegible]	DEC

PAGE 1 — HOURS (L. S. T.): 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59			.1															1	1		
[illegible] / 57				.1														1	1		
5[illegible] / 55			.5															5	5	1	
[illegible]4 / 53		.3	1.7	.4														23	23		
[illegible] / 51		.5	4.6	.5														53	53	13	1
[illegible] / 49		1.3	1.2	.1	.3													27	27	35	5
[illegible] / 47	.1	[illegible]	2.7	.4														58	58	66	21
4[illegible] / 45	.4	7.8	4.1	.2														117	117	71	67
[illegible]4 / 43	.3	2.2	2.8	.6														55	55	81	72
[illegible] / 41	.1	3.4	3.4															65	65	55	77
[illegible] / 39	.4	7.[illegible]	4.7	.1														114	114	63	58
3[illegible] / 37	.3	4.4	4.4															103	103	110	64
[illegible] / 35	.1	7.5	3.3															106	106	99	89
34 / 33	.1	3.[illegible]	1.7															45	45	129	72
[illegible] / 31	.2	3.2	.1															33	33	61	58
[illegible] / 29	.2	3.8	.3															40	40	44	108
[illegible] / 27	.[illegible]	3.4	.2															36	36	31	101
[illegible] / 25	.1	2.3																22	22	25	33
[illegible] / 23		.5	.1															6	6	21	30
[illegible] / 21	.3	.9																11	11	7	18
[illegible] / 19		.6																6	6	9	18
[illegible] / 17		.2																2	2	6	13
1[illegible] / 15																				2	10
[illegible] / 13		.1																1	1	1	3
1[illegible] / 11																					4
[illegible] / 9																					7
[illegible] / 7																					1
TOTAL	4.9	55.6	36.6	2.6	.3														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6116283	74989	80.6	8.648	930							
Dry Bulb	1509776	36782	39.6	7.696	930		15.7					93
Wet Bulb	1343988	34690	37.3	7.337	930		20.7					93
Dew Point	1134404	31598	34.0	8.097	930		40.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]				.3														3	3		
[illegible] / 59				.1														1	1		
[illegible] / 57				.3														3	3		
5[illegible] / 55		.2	.8	.3														12	12	3	
[illegible] / 53		.2	2.3	.5														28	28	3	1
[illegible] / [illegible]	.1	1.2	4.2	.4														55	55	23	5
[illegible] / 49		.9	1.8	.5	.3													33	33	36	11
[illegible] / 47		3.2	2.9	.7	.2													67	67	57	21
[illegible] / 45	.6	3.	4.4	.6														127	127	87	77
[illegible] / 43		2.8	3.6	1.[illegible]														68	68	89	73
[illegible] / 41	.1	4.5	4.6															86	87	67	79
[illegible] / 39	.4	7.5	4.															111	111	81	71
[illegible] / 37	1.8	4.5	4.2															98	98	28	68
[illegible] / 35	.1	4.3	3.[illegible]															76	76	88	98
3[illegible] / 33	.1	2.8	2.8															53	53	99	84
[illegible] / 31		2.3	.4															30	30	65	58
[illegible] / 29	.1	2.2	.4															25	25	35	88
[illegible] / 27	.4	2.[illegible]	.2															25	25	24	86
[illegible] / 25		1.3	.2															14	14	15	44
[illegible] / 23		.1	.1															2	2	15	19
[illegible] / 21	.1	.6																7	7	2	9
[illegible] / [illegible]		.3																3	3	7	10
[illegible] / 17		.1																1	1	3	9
1[illegible] / 15																				1	11
[illegible] / 13																					2
1[illegible] / 11																					4
[illegible] / 9																					2
[illegible] / 7																					1
TOTAL	4.	42.7	40.7	5.1	.5													928	929	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5955846	73886	79.6	8.859	928							
Dry Bulb	1611538	38088	41.3	7.362	929		10.7					93
Wet Bulb	1423029	35757	38.5	6.988	928		16.7					93
Dew Point	1196809	32531	35.1	7.775	928		38.8					93

USAFETAC FORM 0-26-5 (OL A) 3E 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7577.	MILDENHALL RAF UK	73-80	DEC

PAGE 1 — HOURS (L. S. T.): 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
59/ 59				.7	.1													3	3		
57/ 57		.6	.3															9	9		
55/ 55		.5	1.5	.2	.4													25	25	6	2
54/ 53		.2	3.7	1.9														54	54	12	5
52/ 51	.3	.5	4.2	1.3	.7													61	61	21	8
50/ 49		.8	3.1	.6	.7													44	44	66	13
48/ 47		2.9	4.7	1.3	.5													81	81	59	21
46/ 45	.4	5.8	5.4	1.8	.1													126	126	97	99
44/ 43	.2	2.4	7.8	2.3														117	118	92	66
42/ 41	.1	4.7	6.2	1.0														112	112	78	79
40/ 39	.9	4.5	3.9	.1														87	87	135	78
38/ 37	1.4	3.2	3.7	.1														78	78	123	95
36/ 35		1.7	3.6	.2														51	51	73	108
34/ 33		1.3	2.3	.1														34	34	71	88
32/ 31		1.1	.8															17	17	46	53
30/ 29		.5	.6															11	11	15	71
28/ 27	.1	1.4	.3															17	17	17	73
26/ 25		.2																2	2	16	31
24/ 23																				2	8
22/ 21																					19
20/ 19																					6
18/ 17																					4
16/ 15																					2
TOTAL	7.4	32.5	51.2	11.2	1.6													929	937	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5598982	71568	77.1	9.601	929							
Dry Bulb	1788276	40316	43.4	6.591	930		4.7					93
Wet Bulb	1549278	37490	40.4	6.259	929		9.6					93
Dew Point	1282959	33881	36.5	7.140	929		26.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	73-82	DEC

PAGE 1 — HOURS (L. S. T.) 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6 / 59		.3																3	3		
5 / 57			.5	.2	.1													8	8	3	
5 / 55		.6	.6															12	12		3
5 / 53	.3	.1	3.2	.6	.1													39	39	14	4
5 / 51		1.2	4.3	.5	.2													58	58	14	7
5 / 49		.5	3.4	.6	.2													45	45	41	8
5 / 47	.2	2.9	3.7	1.6	.2													74	74	75	28
4 / 45	.5	5.3	6.8	.9														125	125	80	93
4 / 43	.6	3.4	5.6	1.7														106	106	95	53
4 / 41	.3	3.3	7.2	.6														107	107	92	60
4 / 39	.3	6.1	4.3	.3														103	103	100	73
3 / 37	1.7	3.1	4.4	.2														88	88	135	74
3 / 35	.2	2.9	3.	.1														58	58	75	124
3 / 33		1.0	3.1															47	47	86	86
2 / 31		1.7	.5															17	17	58	64
2 / 29		1.3	.9															20	20	25	76
2 / 27		1.4	.1															14	14	13	82
2 / 25		.5																5	5	17	27
2 / 23																				6	17
2 / 21		.1																1	1		9
1 / 19																				1	13
1 / 17																					4
1 / 15																					5
TOTAL	4.3	36.5	5.9	7.5	.9														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5772107	72737	78.2	9.859	930							
Dry Bulb	1714927	39863	42.8	6.593	930		5.7					93
Wet Bulb	1499698	36983	39.7	6.327	930		12.0					93
Dew Point	1252724	33862	36.0	7.243	930		29.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
15771	MILDENHALL RAF UK	73-82	DEC

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/59		.3																3	3		
[illegible]/57			.1															1	1	3	
5[illegible]/55		.5	1.1	.2														17	17		3
54/53	.3	.3	1.0	.2														26	26	9	3
[illegible]/51		.9	3.7	.1	.1													44	44	13	6
5[illegible]/49		.9	1.7	.9	.4													36	36	37	10
[illegible]/47	.1	3.9	2.2	.8														64	64	51	18
46/45	1.2	6.7	6.2	1.3														143	143	96	78
44/43	.5	2.6	4.7	1.5														89	89	75	84
[illegible]/41		1.9	5.3	.2														74	74	88	46
4[illegible]/39	.3	6.[illegible]	4.3															99	99	74	73
3[illegible]/37	1.9	4.4	3.5	.1														93	93	128	72
36/35	.8	4.[illegible]	3.[illegible]	.2														74	74	89	107
34/33	.1	4.5	2.9															70	70	96	84
32/31		2.4	.5															27	27	71	57
[illegible]/29		2.6	1.[illegible]															33	33	36	104
2[illegible]/27	.[illegible]	2.2	.5															27	27	28	74
26/25	.1	.5																6	6	25	40
24/23																				7	25
22/21		.1																1	1		18
[illegible]/15		.1																1	1	1	7
[illegible]/13		.2																3	2	1	13
[illegible]/11																				2	5
[illegible]/																					3
TOTAL	.6	44.9	43.4	5.5	.5													930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5942589	73845	79.4	9.225	930							
Dry Bulb	1618732	38250	41.1	7.702	930		9.7		0			93
Wet Bulb	1429448	35918	38.6	6.743	930		17.1					93
Dew Point	1200856	32656	35.1	7.626	930		34.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5271 — STATION
WILDENHALL RAF UK — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59		.3																3	3		
/ 57			.1															1	1	3	
/ 55		.4	.8	.1														12	12		3
/ 53		1.0	1.8															26	26	9	
/ 51		1.[illegible]	3.2	.1														40	40	13	9
/ 49		.9	2.7	.5	.2													40	40	35	7
/ 47		3.[illegible]	2.8	1.2														63	63	54	21
/ 45	1.0	6.2	4.5	1.6														122	122	85	81
47/ 43	.6	2.9	4.4	.9														82	82	66	69
/ 41		3.2	4.9	.2														78	78	82	52
/ 39	.3	5.2	3.[illegible]															79	79	79	62
3/ 37	1.2	6.7	4.7															117	117	102	62
/ 35	1.1	6.1	2.7	.3														85	85	106	108
3/ 33	.3	2.9	3.1	.1														59	59	112	94
/ 31		2.3	.4															25	25	52	55
/ 29	.1	3.7	.9															43	43	40	102
/ 27	.3	3.5	.3															39	39	47	81
/ 25		.9																9	8	28	38
/ 23		.1																1	1	9	32
2/ 21		.3																3	3	1	23
/ 19																				3	11
/ 17		.1																1	1	1	10
/ 15		.3																3	3	3	7
15/ 13																					2
1 / 11																					1
/ 9																					3
TOTAL	4.0	49.7	47.3	4.8	.2														930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6.28528	74832	80.3	9.057	930							
Dry Bulb	1574530	37662	40.5	7.288	930		12.3					93
Wet Bulb	1393890	35418	38.1	6.986	930		18.4					93
Dew Point	1176127	32265	34.7	7.825	930		36.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
5771	MILDENHALL RAF UK	73-80	DEC

PAGE 1

HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																		4	4		
[illegible]		.1	[illegible]	[illegible]	[illegible]													15	15		
[illegible]		[illegible]	[illegible]	.2	.1	[illegible]												27	27	11	
5 [illegible]		.3	.3	.2	.1													105	105	10	11
4 [illegible]	.1	.3	2.2	.6	[illegible]													238	238	51	15
[illegible]	.1	.8	4.[illegible]	.4	.1													402	402	127	40
[illegible]		1.[illegible]	2.3	.6	[illegible]													312	312	316	72
[illegible]	.1	3.2	2.[illegible]	.9	.1													535	535	494	181
6 [illegible]	.6	6.1	4.9	1.[illegible]	[illegible]													941	941	656	641
4 [illegible]	.5	2.7	4.5	1.1														651	652	623	524
[illegible]	.1	3.6	5.1	.3														669	670	602	538
[illegible]	.6	6.2	4.[illegible]	.1														804	804	692	543
[illegible]	1.9	4.1	4.[illegible]	.1														755	755	964	577
[illegible]	.4	4.9	3.8	.1														687	687	699	857
[illegible]	.1	3.2	2.4	[illegible]														425	425	822	646
[illegible]	.1	2.2	.4															198	198	510	468
[illegible]	.1	2.5	.6															240	241	265	731
[illegible]	.2	2.7	.4															244	244	220	697
[illegible]	[illegible]	1.2	[illegible]															92	92	185	274
[illegible]		.3	[illegible]															26	26	101	199
[illegible]	.1	.4																35	35	26	113
[illegible]	[illegible]	.2																15	15	32	118
[illegible]		.1																7	7	15	77
[illegible]		.1																4	4	10	62
[illegible]		[illegible]																2	2	2	10
[illegible]		[illegible]																2	2	2	18
[illegible]		[illegible]																1	1	1	18
[illegible]																					5
[illegible]																					1
TOTAL	4.9	46.4	42.5	5.4	.6														7439		7436
																		7436		7436	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	47593246	592960	79.5	9.190	7436							
Dry Bulb	12876147	304640	41.0	7.339	7439		86.7					744
Wet Bulb	11354591	285914	38.4	6.970	7436		137.0					744
Dew Point	2536130	259938	35.0	7.776	7436		279.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 (STATION) MILDENHALL RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

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

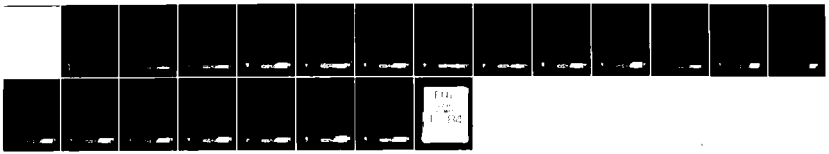
Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]														.0				3	3		
94/ 93													.0		.0	.0		12	12		
[illegible]/ 91											.0	.0	.0	.0		.0		21	21		
[illegible]/ 89											.0	.0	.0	.0				23	23		
[illegible]/ 87									.0	.0	.0	.0	.0					37	37		
[illegible]/ 85									.0	.0	.0	.0	.0					41	41		
84/ 83								.0	.0	.0	.0	.7	.0	.0				85	85		
[illegible]/ 81						.0	.0	.1	.1	.0	.0	.0	.0	.0				199	199		
[illegible]/ 79						.0	.0	.1	.1	.0	.0	.0	.0					242	242		
78/ 77				.0	.0	.0	.1	.1	.1	.0	.0	.0						357	357		
[illegible]/ 75				.0	.1	.1	.2	.0	.1	.0	.0							550	550		
74/ 73			.0	.1	.1	.2	.3	.2	.1	.0								766	766	1	
[illegible]/ 71			.0	.1	.0	.3	.3	.0	.1	.0								1006	1006	15	
[illegible]/ 69			.1	.2	.3	.6	.4	.2	.1	.0								1518	1518	128	
[illegible]/ 67	.0	.0	.1	.1	.4	.3	.2	.1	.0									1066	1066	353	10
66/ 65	.0	.1	.3	.5	.6	.4	.4	.1	.0									2108	2108	694	21
64/ 63	.0	.4	.7	2.3	1.1	1.3	.3	.1	.0									5400	5400	1192	465
[illegible]/ 61	.0	.4	1.3	1.2	1.1	.3	.2	.0	.0									4065	4065	2351	702
[illegible]/ 59	.0	.5	1.3	.9	.7	.3	.1	.0	.0									3441	3441	3029	987
[illegible]/ 57	.1	1.3	1.5	1.6	.6	.3	.0	.0										4831	4831	5111	1932
56/ 55	.1	1.4	1.7	1.8	.5	.1	.0	.0										4997	4999	5019	3378
54/ 53	.1	1.2	2.2	1.6	.6	.1	.1	.0										5698	5698	5933	4599
[illegible]/ 51	.1	1.1	3.9	.9	.4	.1	.0											5807	5807	5564	5258
[illegible]/ 49	.1	1.0	2.3	.0	.2	.1	.0											3959	3959	7126	3576
[illegible]/ 47	.1	2.7	2.5	1.0	.3	.0	.0											5782	5782	6871	5548
46/ 45	.3	3.6	4.6	1.1	.3	.1												8772	8773	6868	10720
44/ 43	.1	2.0	3.0	.8	.1	.0												5215	5216	6280	6454
[illegible]/ 41	.1	2.4	2.1	.4	.0	.0												4380	4381	6036	6367
[illegible]/ 39	.2	3.0	1.7	.4	.0	.0												4503	4503	5354	6565
[illegible]/ 37	.5	1.7	1.8	.1	.0													3687	3687	5365	5541
[illegible]/ 35	.2	1.8	1.5	.2	.0													3230	3230	3709	5743
34/ 33	.1	1.5	1.0	.1														2407	2416	4480	
[illegible]/ 31	.0	.9	.2	.0														1034	1034	2600	2651
[illegible]/ 29	.0	.9	.3	.0														1076	1076	1343	3763

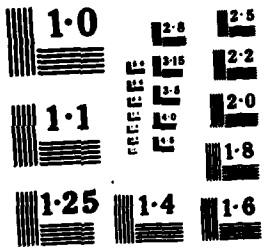
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 5/5

UNCLASSIFIED USAFETAC/DS 84/016 SBI-AD-E850 742 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]771	[illegible]ILDENHALL RAF UK	73-83	ALL

PAGE [illegible] — HOURS (L. S. T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]	.1	.7	.1	.[illegible]														836	836	1038	4409
[illegible] / [illegible]	.	.2	.1															233	233	654	1724
[illegible] / [illegible]	.	.1	.[illegible]															78	78	237	986
12/ 21	.	.1																87	87	103	699
[illegible] / [illegible]	.[illegible]	.[illegible]																56	56	75	463
[illegible] / [illegible]	.	.[illegible]																33	33	54	292
[illegible] / 15		.																25	25	37	174
[illegible] / 13		.[illegible]																3	2	11	6[illegible]
1 / 11		.																6	6	6	47
/		.																1	1	1	62
/ 7																					14
/ [illegible]																					3
/ [illegible]																					1
TOTAL	.32	.135	.216	.1	7.6	4.6	[illegible].7	1.[illegible]	.6	.[illegible]	.1	.1	.0	.0	.0	.[illegible]			87641		87634
																		87634		87634	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	492379479	6462[illegible]43	73.7	13.459	87634							
Dry Bulb	232827[illegible]78	4412[illegible]84	50.3	11.[illegible]54	87640		346.0	592.6	233.6	51.1	1.5	8760
Wet Bulb	193972153	4042681	46.1	9.237	87634		619.8	49.7	.1			8760
Dew Point	160584198	3659288	41.8	9.425	87634		1526.8	1.0				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035771 MILDENHALL 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	39.5	38.4	40.9	42.9	47.6	53.5	57.4	57.1	54.3	49.1	43.8	40.1	47.1
	S.D.	7.594	6.463	5.428	5.457	5.400	5.055	4.996	5.184	5.491	6.540	7.364	7.485	9.141
	TOTAL OBS	931	846	930	900	930	899	930	930	900	930	900	930	10955
03-05	MEAN	38.9	37.7	40.0	41.7	46.4	52.0	55.8	55.4	52.7	48.0	43.1	39.5	46.0
	S.D.	7.693	6.534	5.451	5.491	5.205	4.820	4.901	5.274	5.618	6.735	7.549	7.741	8.902
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
06-08	MEAN	38.8	37.5	40.5	43.7	50.5	55.9	59.7	58.4	54.3	48.3	43.2	39.6	47.6
	S.D.	7.698	6.455	5.364	5.445	5.560	5.240	5.085	5.086	5.610	6.621	7.490	7.696	9.897
	TOTAL OBS	931	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	40.2	40.2	44.8	49.2	56.2	61.6	65.8	65.2	60.7	53.1	45.9	41.0	52.1
	S.D.	7.388	6.149	5.306	5.821	6.584	6.611	6.281	5.498	5.089	6.037	7.054	7.362	11.272
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	929	10953
12-14	MEAN	42.6	43.1	47.8	52.2	59.0	64.6	69.3	69.0	64.3	56.3	48.7	43.4	55.1
	S.D.	6.921	6.304	5.712	6.682	7.253	7.543	7.248	6.487	5.408	5.815	6.414	6.591	11.705
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
15-17	MEAN	42.1	42.8	47.6	52.1	58.8	64.9	69.8	69.2	64.2	55.4	47.6	42.4	54.8
	S.D.	6.807	6.311	5.812	6.930	7.371	7.771	7.324	6.597	5.740	5.702	6.578	6.593	12.036
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
18-20	MEAN	40.6	40.3	44.2	48.3	55.1	61.6	66.4	64.9	59.4	51.5	45.3	41.1	51.6
	S.D.	7.050	6.174	5.335	6.086	6.642	6.983	6.305	5.872	5.194	5.881	7.114	7.002	11.229
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
21-23	MEAN	39.8	39.0	42.0	44.5	50.0	56.3	60.6	59.4	55.9	49.5	44.1	40.5	48.5
	S.D.	7.304	6.285	5.363	5.500	5.563	5.452	5.060	4.848	5.215	6.325	7.523	7.288	9.695
	TOTAL OBS	931	846	930	900	930	900	930	930	899	930	900	930	10955
ALL HOURS	MEAN	40.3	39.9	43.4	46.8	52.9	58.8	63.1	62.3	58.2	51.4	45.2	41.0	50.3
	S.D.	7.428	6.651	6.201	7.124	7.791	7.834	7.818	7.582	6.919	6.911	7.405	7.339	11.054
	TOTAL OBS	7439	6768	7438	7200	7440	7199	7440	7440	7198	7439	7200	7439	87640

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

15771 MILDENHALL RAF UK 73-83

STATION — STATION NAME — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	37.[illegible]	36.0	38.4	39.9	44.8	50.5	54.0	54.0	50.9	46.3	41.3	37.8	44.3
	S.D	7.134	6.199	5.379	5.013	4.999	4.572	4.458	4.641	5.046	6.217	6.949	7.132	8.640
	TOTAL OBS	93[illegible]	846	930	900	930	899	930	930	900	930	900	930	10955
3-05	MEAN	36.5	35.4	37.6	39.0	43.9	49.4	52.9	52.8	49.8	45.4	40.7	37.3	43.4
	S.D	7.253	6.229	5.435	5.083	4.993	4.510	4.540	4.853	5.173	6.382	7.100	7.321	8.546
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	929	10953
6-08	MEAN	36.4	35.2	38.1	40.7	46.9	52.1	55.6	55.0	51.1	45.7	40.8	37.3	44.6
	S.D	7.255	6.169	5.355	4.936	4.768	4.362	4.246	4.444	5.141	6.271	7.069	7.337	9.161
	TOTAL OBS	93[illegible]	846	930	900	930	900	930	930	900	930	900	930	10956
9-11	MEAN	37.6	37.4	41.3	44.1	49.8	54.8	58.5	58.4	54.9	49.2	42.9	38.5	47.3
	S.D	6.898	5.825	4.984	4.717	5.078	4.997	4.539	3.987	4.278	5.423	6.661	6.988	9.417
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	928	10952
12-14	MEAN	39.3	39.4	43.0	45.4	50.9	56.1	59.7	59.4	56.2	50.7	45.0	40.4	48.8
	S.D	6.396	5.867	4.992	5.093	5.288	5.129	4.634	4.179	4.323	5.028	6.013	6.259	9.110
	TOTAL OBS	93[illegible]	846	930	900	930	900	930	930	899	929	900	929	10953
15-17	MEAN	39.0	39.2	42.6	45.2	50.7	56.1	59.7	59.3	55.9	50.1	44.2	39.7	48.5
	S.D	6.359	5.953	5.011	5.181	5.227	5.064	4.528	4.161	4.499	5.011	6.205	6.327	9.251
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
18-20	MEAN	37.8	37.5	40.6	43.2	49.0	54.8	58.5	57.7	53.7	47.9	42.5	38.6	46.9
	S.D.	6.642	5.997	5.092	5.006	5.146	4.900	4.389	4.108	4.503	5.448	6.698	6.743	9.289
	TOTAL OBS	93[illegible]	846	929	900	930	900	930	930	900	930	900	930	10955
21-23	MEAN	37.2	36.5	39.1	40.9	46.2	52.1	55.8	55.2	51.8	46.6	41.4	38.1	45.1
	S.D.	6.842	6.066	5.320	4.941	4.959	4.634	4.372	4.222	4.822	5.948	7.081	6.986	8.866
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
ALL HOURS	MEAN	37.6	37.1	40.1	42.3	47.8	53.2	56.9	56.5	53.0	47.7	42.3	38.4	46.1
	S.D.	6.926	6.216	5.549	5.507	5.661	5.349	5.092	4.936	5.270	6.043	6.891	6.970	9.237
	TOTAL OBS	7439	6768	7437	7199	7440	7199	7440	7440	7198	7438	7200	7436	87634

USAF ETAC FORM OCT 75 0-89-S (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

C75771 MILDENHALL RAF UK 73-83

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	33.2	32.4	34.9	36.2	41.6	47.7	51.3	51.5	47.9	43.4	38.2	34.4	41.1
	S D	7.852	7.036	6.477	5.562	5.632	5.168	4.777	4.851	5.486	6.788	7.484	7.977	9.323
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
3-05	MEAN	32.7	31.8	34.3	35.6	41.0	47.1	50.5	50.7	47.1	42.6	37.6	33.9	40.9
	S D	8.028	7.092	6.529	5.629	5.659	5.004	4.842	5.091	5.553	6.923	7.703	8.127	9.337
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	929	10953
6-08	MEAN	32.7	31.6	34.6	36.8	43.0	48.9	52.4	52.4	48.2	42.9	37.8	34.0	41.3
	S D	7.978	7.058	6.462	5.485	5.373	4.763	4.542	4.723	5.572	6.808	7.687	8.091	9.727
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
9-11	MEAN	33.7	33.3	36.7	38.1	43.4	49.2	53.1	53.2	50.0	45.3	39.4	35.1	42.6
	S D	7.556	6.790	6.190	5.548	6.237	5.700	5.228	4.927	5.268	6.055	7.404	7.775	9.527
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	928	10952
12-14	MEAN	34.8	34.1	37.0	37.6	43.0	49.1	52.6	52.1	49.4	45.2	40.7	36.5	42.7
	S D	7.180	7.168	6.488	6.224	6.652	5.999	5.437	5.403	5.868	6.183	6.996	7.140	9.175
	TOTAL OBS	930	846	930	900	930	900	930	930	899	929	900	929	10953
15-17	MEAN	34.6	34.0	36.4	37.1	42.8	49.0	52.3	51.7	49.0	44.8	40.2	36.0	42.4
	S D	7.236	7.336	6.560	6.309	6.541	5.888	5.511	5.483	5.927	6.159	7.129	7.243	9.221
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
18-20	MEAN	33.8	33.3	35.8	36.9	42.7	49.1	52.5	52.1	48.7	44.2	39.0	35.1	42.0
	S D	7.479	7.176	6.418	5.994	6.214	5.552	5.439	5.026	5.482	6.160	7.404	7.626	9.421
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
21-23	MEAN	33.3	32.6	35.2	36.4	42.3	48.4	52.0	51.8	48.2	43.6	38.1	34.7	41.4
	S D	7.600	7.062	6.523	5.616	5.765	5.245	5.063	4.669	5.468	6.544	7.650	7.825	9.427
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
ALL HOURS	MEAN	33.6	32.9	35.6	36.8	42.5	48.5	52.1	51.9	48.6	44.0	38.9	35.0	41.8
	S D	7.650	7.144	6.525	5.848	6.068	5.475	5.171	5.071	5.645	6.529	7.509	7.776	9.425
	TOTAL OBS	7439	6768	7437	7199	7440	7199	7440	7440	7198	7438	7200	7436	87634

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
035771	MILDENHALL RAF UK	74-83	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.2	96.9	81.0	43.7	9.8	78.6	930
	03-05	100.0	100.0	100.0	100.0	99.6	96.7	81.6	45.2	11.1	78.8	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.6	82.7	42.8	9.6	79.0	930
	09-11	100.0	100.0	100.0	100.0	100.0	97.1	77.2	38.1	9.1	77.8	929
	12-14	100.0	100.0	100.0	100.0	99.2	91.0	65.3	26.7	6.1	74.3	930
	15-17	100.0	100.0	100.0	100.0	99.7	92.3	68.3	30.9	5.8	75.1	930
	18-20	100.0	100.0	100.0	100.0	99.7	95.3	76.1	35.4	6.1	76.9	930
	21-23	100.0	100.0	100.0	100.0	99.6	95.6	79.6	38.0	8.1	77.8	930
TOTALS		100.0	100.0	100.0	100.0	99.6	95.3	76.5	37.6	8.2	77.3	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
75771	MILDENHALL RAF UK	74-83	FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	96.9	78.0	49.1	13.7	79.5	846
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	79.1	48.1	16.0	79.6	846
	06-08	100.0	100.0	100.0	100.0	99.8	97.2	79.3	49.2	12.9	79.5	846
	09-11	100.0	100.0	100.0	100.0	98.9	94.3	68.4	40.1	11.3	77.0	846
	12-14	100.0	100.0	99.9	99.4	96.0	82.6	51.3	24.2	6.9	71.5	846
	15-17	100.0	100.0	100.0	99.3	96.6	80.9	53.1	25.9	6.0	71.7	846
	18-20	100.0	100.0	100.0	100.0	98.9	93.5	68.1	38.3	9.2	76.4	846
	21-23	100.0	100.0	100.0	100.0	99.9	94.3	73.6	44.3	12.3	78.0	846
TOTALS		100.0	100.0	100.0	99.8	98.8	92.2	68.9	39.9	11.0	76.7	6768

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
35771	MILDENHALL RAF UK	74-83	MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	95.2	79.1	49.4	14.0	79.6	930
	03-05	100.0	100.0	100.0	100.0	99.7	95.9	81.1	54.6	15.4	80.4	930
	06-08	100.0	100.0	100.0	100.0	100.0	95.5	79.9	52.2	12.9	80.0	930
	09-11	100.0	100.0	100.0	99.8	97.1	86.3	62.4	31.0	7.9	74.2	929
	12-14	100.0	100.0	100.0	97.4	88.8	69.6	43.0	17.8	2.8	67.5	930
	15-17	100.0	100.0	99.5	96.2	86.5	66.2	42.2	16.1	3.1	66.5	929
	18-20	100.0	100.0	100.0	99.8	96.2	85.0	60.3	27.4	5.2	73.2	929
	21-23	100.0	100.0	100.0	100.0	99.7	92.7	72.8	40.1	9.7	77.4	930
TOTALS		100.0	100.0	99.9	99.2	96.0	85.8	65.1	36.1	8.9	74.9	7437

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
15771	MILDENHALL RAF UK	74-83	APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.9	96.9	77.1	37.1	7.7	77.5	900
	03-05	100.0	100.0	100.0	100.0	99.9	97.1	82.3	39.7	10.8	79.1	899
	06-08	100.0	100.0	100.0	100.0	99.4	93.9	75.7	34.7	8.6	77.1	900
	09-11	100.0	100.0	99.9	98.6	89.3	68.3	37.7	12.3	2.9	66.5	900
	12-14	100.0	100.0	98.9	91.8	71.9	42.4	19.0	6.2	1.9	58.9	900
	15-17	100.0	100.0	98.1	88.9	70.1	41.8	18.1	6.2	1.8	58.4	900
	18-20	100.0	100.0	99.8	97.0	87.6	67.3	36.7	12.7	2.4	66.0	900
	21-23	100.0	100.0	100.0	99.9	98.3	89.7	64.2	24.3	6.0	73.9	900
TOTALS		100.0	100.0	99.6	97.0	89.6	74.7	51.4	21.7	5.3	69.7	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
275771	MILDENHALL RAF UK	74-83	MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.9	98.0	83.5	48.0	16.1	80.1	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	87.6	53.8	18.8	81.9	930
	06-08	100.0	100.0	100.0	100.0	98.8	90.0	73.9	33.7	9.6	76.2	930
	09-11	100.0	100.0	99.9	94.8	82.3	56.2	34.7	11.8	1.7	63.5	930
	12-14	100.0	100.0	98.3	86.9	64.1	39.2	21.5	6.2	1.1	57.3	930
	15-17	100.0	100.0	98.5	84.5	64.6	39.4	22.0	6.5	1.8	57.2	930
	18-20	100.0	100.0	99.7	96.1	83.7	59.1	36.5	13.8	2.6	64.5	930
	21-23	100.0	100.0	100.0	99.8	98.8	91.2	71.8	31.5	9.5	75.5	930
TOTALS		100.0	100.0	99.6	95.3	86.5	71.6	53.9	25.7	7.7	69.5	7440

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
75771	MILDENHALL RAF UK	74-83	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.8	99.2	97.3	89.5	50.4	15.0	80.8	899
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	96.0	62.9	23.2	83.7	900
	06-08	100.0	100.0	100.0	99.9	99.1	94.0	79.7	37.2	11.7	77.7	900
	09-11	100.0	100.0	99.9	97.6	90.9	59.9	33.8	10.4	2.6	64.9	900
	12-14	100.0	99.7	98.4	92.2	74.5	40.1	21.3	7.2	1.2	58.9	900
	15-17	100.0	99.9	97.6	88.9	75.8	41.4	21.6	7.3	1.0	58.2	900
	18-20	100.0	100.0	99.4	96.1	85.9	62.3	36.7	11.2	3.4	64.9	900
	21-23	100.0	100.0	100.0	99.8	98.3	92.0	73.2	29.8	7.1	75.5	900
TOTALS		100.0	100.0	99.4	96.8	89.9	73.3	56.5	27.1	8.2	70.6	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
15771	MILDENHALL RAF UK	74-83	JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	98.0	87.8	45.5	14.0	80.3	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.2	53.9	18.6	82.6	930
	06-08	100.0	100.0	100.0	100.0	99.8	94.7	77.5	34.5	10.4	77.4	930
	09-11	100.0	100.0	99.8	98.6	88.1	61.4	32.6	9.7	2.6	64.8	930
	12-14	100.0	99.6	98.3	90.5	67.0	36.7	17.7	5.1	1.1	57.0	930
	15-17	100.0	99.4	97.0	88.2	62.5	31.9	17.1	5.4	1.2	55.7	930
	18-20	100.0	99.9	98.8	95.5	82.4	51.2	27.8	10.0	1.8	62.4	930
	21-23	100.0	100.0	100.0	99.2	98.0	89.4	67.2	26.5	6.7	74.2	930
TOTALS		100.0	99.9	99.2	96.5	87.2	70.4	52.9	23.8	7.1	69.3	7440

USAFETAC FORM AW 04 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]71	MILDENHALL RAF UK	74-83	AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.2	92.7	50.8	17.1	81.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.3	61.9	25.3	84.3	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.7	87.5	47.2	15.5	80.6	930
	09-11	100.0	100.0	99.9	98.7	89.7	65.8	38.0	13.4	2.5	66.2	930
	12-14	100.0	100.0	98.6	88.6	62.0	32.9	18.6	6.3	.8	56.6	930
	15-17	100.0	100.0	98.3	85.7	56.0	31.4	19.4	6.5	1.7	55.6	930
	18-20	100.0	100.0	99.9	97.3	84.1	58.6	34.8	13.4	2.6	64.7	930
	21-23	100.0	100.0	100.0	100.0	99.9	94.4	75.8	32.2	6.9	76.5	930
TOTALS		100.0	100.0	99.6	96.3	86.5	72.5	57.9	29.0	9.1	70.8	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
03771	MILDENHALL RAF UK	74-83	SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.8	89.1	39.9	9.2	79.1	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	91.9	51.4	14.9	81.4	900
	06-08	100.0	100.0	100.0	100.0	100.0	97.4	89.1	44.4	11.8	80.0	900
	09-11	100.0	100.0	100.0	99.6	95.4	72.0	46.0	13.4	2.8	68.5	900
	12-14	100.0	100.0	100.0	95.8	74.5	39.4	22.6	8.0	1.6	59.6	899
	15-17	100.0	100.0	100.0	94.6	72.6	41.1	20.8	5.7	1.3	59.0	900
	18-20	100.0	100.0	100.0	99.6	95.3	75.4	45.6	12.6	3.7	68.6	900
	21-23	100.0	100.0	100.0	100.0	100.0	94.4	77.9	28.8	5.7	75.9	899
TOTALS		100.0	100.0	100.0	98.7	92.2	77.2	60.4	25.5	6.4	71.5	7198

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
75771	MILDENHALL RAF UK	74-83	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.5	91.4	52.6	11.9	81.0	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	93.8	55.3	15.0	81.8	929
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	92.5	58.0	14.3	81.7	930
	09-11	100.0	100.0	100.0	100.0	99.6	91.8	74.2	29.1	5.7	75.4	930
	12-14	100.0	100.0	100.0	99.9	93.5	67.3	41.0	13.2	2.6	67.1	929
	15-17	100.0	100.0	100.0	99.8	94.2	74.7	47.2	14.8	2.2	68.5	930
	18-20	100.0	100.0	100.0	100.0	99.8	95.3	79.1	30.5	5.9	76.4	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	90.3	47.1	10.8	80.1	930
TOTALS		100.0	100.0	100.0	100.0	98.4	90.8	76.2	37.6	8.6	76.5	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]71	MILDENHALL RAF UK	74-83	NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	98.9	85.2	51.8	17.0	81.0	900
	03-05	100.0	100.0	100.0	100.0	99.9	98.6	86.0	54.7	16.4	81.3	900
	06-08	100.0	100.0	100.0	100.0	100.0	98.4	85.9	53.7	17.1	81.3	900
	09-11	100.0	100.0	100.0	100.0	99.6	96.2	82.1	40.6	10.9	78.5	900
	12-14	100.0	100.0	100.0	99.7	99.0	91.0	67.2	26.0	8.6	74.4	900
	15-17	100.0	100.0	100.0	99.9	99.6	92.9	73.3	30.9	7.2	75.8	900
	18-20	100.0	100.0	100.0	100.0	99.7	96.8	83.3	41.6	11.9	78.9	900
	21-23	100.0	100.0	100.0	100.0	99.9	97.9	86.0	45.4	12.6	79.8	900
TOTALS		100.0	100.0	100.0	100.0	99.7	96.3	81.1	43.1	12.7	78.9	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
015771	MILDENHALL RAF UK	73-82	DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	98.2	84.6	48.8	14.3	80.4	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.6	84.7	49.3	15.0	80.5	929
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	85.3	50.4	14.4	80.6	930
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	82.4	46.6	12.8	79.6	928
	12-14	100.0	100.0	100.0	100.0	100.0	94.7	73.3	35.7	9.4	77.0	929
	15-17	100.0	100.0	100.0	100.0	99.9	96.8	78.0	38.7	10.3	78.2	930
	18-20	100.0	100.0	100.0	100.0	99.9	98.3	80.6	43.1	12.2	79.4	930
	21-23	100.0	100.0	100.0	100.0	100.0	97.5	83.3	46.6	12.3	80.0	930
TOTALS		100.0	100.0	100.0	100.0	100.0	97.7	81.5	44.9	12.6	79.5	7436

USAFETAC FORM JUN 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
15771	MILDENHALL RAF UK	73-83	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.6	95.3	76.5	37.6	8.2	77.3	7439
FEB		100.0	100.0	100.0	99.8	98.8	92.2	68.9	39.9	11.0	76.7	6768
MAR		100.0	100.0	99.9	99.2	96.0	85.8	65.1	36.1	8.9	74.9	7437
APR		100.0	100.0	99.6	97.0	89.6	74.7	51.4	21.7	5.3	69.7	7199
MAY		100.0	100.0	99.6	95.3	86.5	71.6	53.9	25.7	7.7	69.5	7440
JUN		100.0	100.0	99.4	96.8	89.9	73.3	56.5	27.1	8.2	70.6	7199
JUL		100.0	99.9	99.2	96.5	87.2	70.4	52.9	23.8	7.1	69.3	7440
AUG		100.0	100.0	99.6	96.3	86.5	72.5	57.9	29.0	9.1	70.8	7440
SEP		100.0	100.0	100.0	98.7	92.2	77.2	60.4	25.5	6.4	71.5	7198
OCT		100.0	100.0	100.0	100.0	98.4	90.8	76.2	37.6	8.6	76.5	7438
NOV		100.0	100.0	100.0	100.0	99.7	96.3	81.1	43.1	12.7	78.9	7200
DEC		100.0	100.0	100.0	100.0	100.0	97.7	81.5	44.9	12.6	79.5	7436
TOTALS		100.0	100.0	99.8	98.3	93.7	83.2	65.2	32.7	8.8	73.8	87634

USAFETAC FORM JUN 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

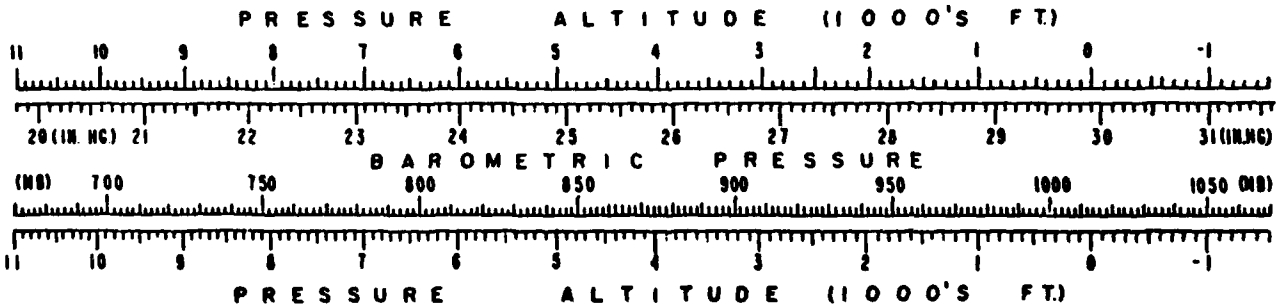
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
75771	MILDENHALL RAF UK	73-83

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	29.914	29.925	29.833	29.974	29.919	29.978	29.980	29.986	29.925	29.868	29.929	29.826	29.921
	S.D.	.386	.401	.342	.286	.251	.220	.184	.198	.283	.323	.346	.453	.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.905	29.915	29.820	29.961	29.907	29.968	29.968	29.975	29.915	29.857	29.918	29.820	29.910
	S.D.	.389	.400	.341	.285	.252	.222	.187	.200	.285	.320	.348	.448	.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.893	29.913	29.818	29.964	29.914	29.973	29.971	29.979	29.915	29.856	29.913	29.813	29.910
	S.D.	.394	.403	.342	.286	.254	.226	.190	.204	.288	.320	.347	.445	.322
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.907	29.931	29.830	29.977	29.922	29.981	29.978	29.990	29.929	29.874	29.931	29.829	29.923
	S.D.	.399	.406	.346	.286	.255	.228	.192	.206	.294	.321	.348	.441	.323
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.903	29.930	29.828	29.971	29.915	29.974	29.971	29.982	29.921	29.870	29.921	29.829	29.917
	S.D.	.401	.405	.341	.283	.254	.225	.189	.203	.291	.318	.352	.438	.321
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
15	MEAN	29.887	29.908	29.810	29.955	29.904	29.961	29.960	29.968	29.905	29.854	29.904	29.816	29.902
	S.D.	.400	.402	.337	.280	.252	.221	.184	.197	.285	.316	.355	.435	.319
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.899	29.918	29.818	29.957	29.903	29.957	29.954	29.963	29.908	29.867	29.919	29.826	29.907
	S.D.	.400	.402	.337	.281	.249	.219	.180	.193	.280	.317	.352	.438	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
21	MEAN	29.910	29.926	29.831	29.978	29.925	29.976	29.973	29.986	29.926	29.875	29.930	29.827	29.921
	S.D.	.393	.401	.339	.283	.249	.221	.180	.195	.281	.321	.351	.448	.319
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.902	29.921	29.823	29.967	29.914	29.971	29.969	29.979	29.918	29.865	29.921	29.823	29.914
	S.D.	.395	.402	.340	.284	.252	.223	.186	.199	.286	.319	.350	.443	.320
	TOTAL OBS	2480	2255	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29215

USAF ETAC FORM OCT 75 0-89-5 (OL A)

END

DATE
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