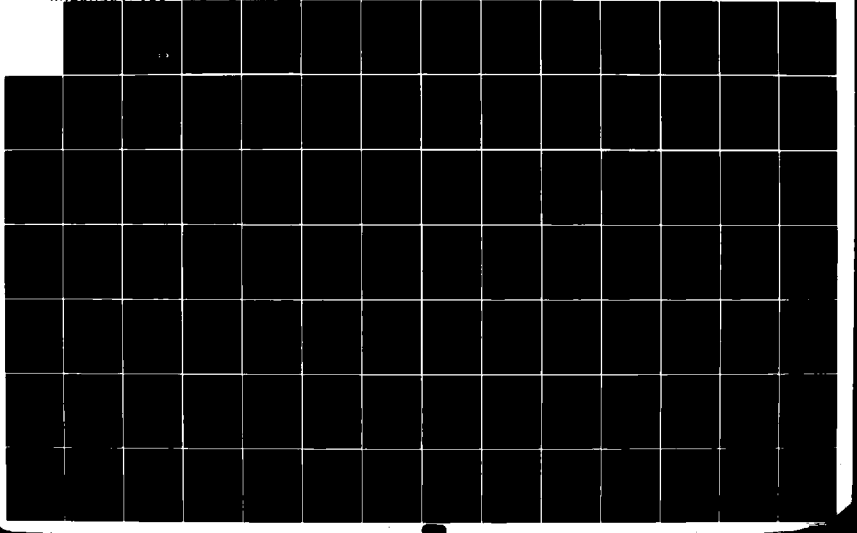
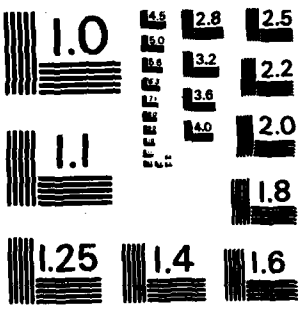
AD-A140 248 LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84 1/5

UNCLASSIFIED USAFETAC/DS-84/008 SBI-AD-E850 624 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
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UK C-821

(1)

USAFETAC/TN-84/008

AD A140248

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

LAKENHEATH UK MSC #035831
N 52 24 E 000 34 ELEV 32 FT EGUL

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

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: MAY 49 - MAY 83

TIME CONVERSION GMT TO LST: 0

01 MAR 1984

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS-84/008	2. GOVT ACCESSION NO.: AD-A140 248
3. RECIPIENT'S CATALOG NUMBER:	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Lakenheath, United Kingdom.	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG. REPORT NUMBER:
7. AUTHOR(s):	8. CONTRACT OR GRANT NUMBER(s):
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: MAR 84 13. NUMBER OF PAGES: p. 320
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office):	15. SECURITY CLASS. (of this report): UNCLASSIFIED 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE:

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

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

18. SUPPLEMENTARY NOTES

SUPERSEDES REPT NO. USAFETAC/DS-79/110, AD-A078353, JUN 78.

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

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

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

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

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Lakenheath RAF *UK035831
*Brandon *Lakenheath *Great Britain

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

REVIEW AND APPROVAL STATEMENT

This report, ETAC/DS-34/008 , is approved for public release. There is no objection to unlimited distirbution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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

Wayne E. McCollom

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

FOR THE COMMANDER

Walter S. Burgmann

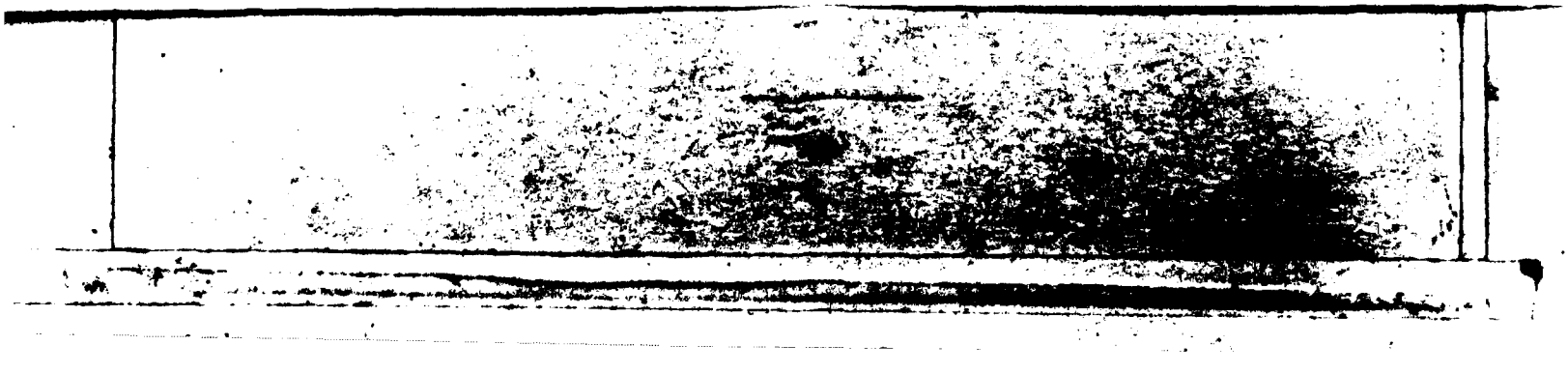
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Director, Air Weather Service
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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix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



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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PART C SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER DATA NOT AVAILABLE
PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE DATA NOT AVAILABLE

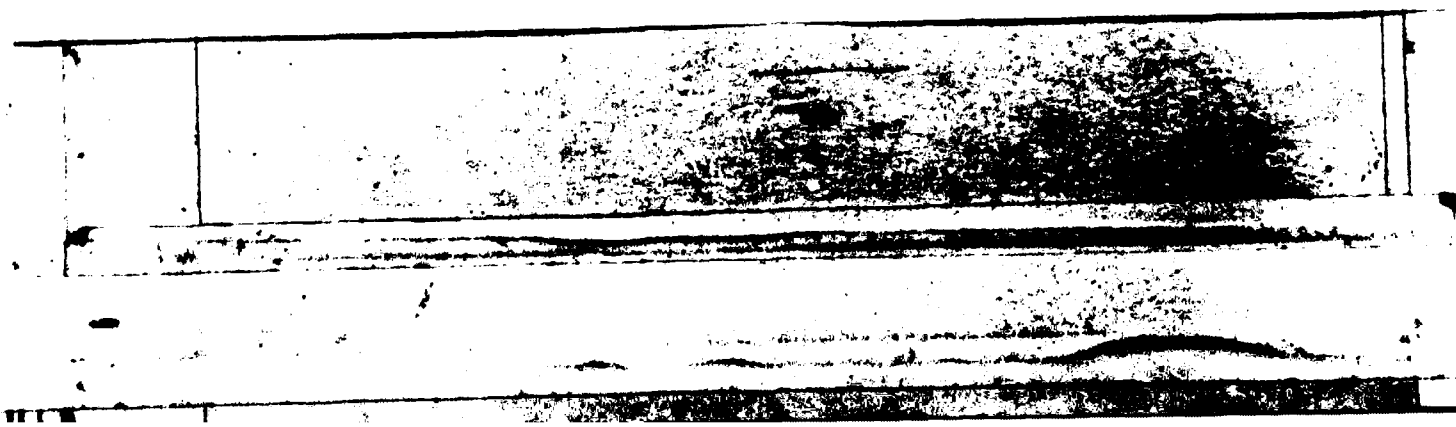
STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER



10M= 33 ft

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WBAN NUMBER
035830	LAKENHEATH RAF UK/BRANDON	N 52 24	E 000 34	32	EGUL	03583

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	Lakenheath RAF Brandon England	RAF	Dec 66	12 Nov67	N 52 25	E 000 33	42 ft	89 ft	24
2	Same	Same	13 Nov67	Feb 71	Same	Same	Same	95 ft	24
3	Same	Same	Sep 71	Nov 77	N 52 21	E 000 34	32 ft	Same	24
4	Same	Same	Nov 77	Nov 81	N 52 24	Same	Same	94 ft	24
5	Same	Same	Dec 81	Jan 84	N 52 24	E 000 34	32 Ft	94 Ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 66	1. Rnwy 24-500 ft off centerline, 1500 ft from the end.	AN/GMQ-11	Same	13 ft	
		2. Rnwy 06-500 ft off centerline, 1000 ft from the end.	Same		13 ft	
2	Apr 69	1. No change.	Same	RO-362	Same	
		2. No change.	Same		Same	
3	Nov 77	1. No change.	Same	RO-362	Same	
		2. No change.	Same		Same	
	Dec 81	1. No change	AN/GMQ-20	Same	Same	
		2. No change	AN/GMQ-20	Same	Same	
4	Jan 84	1. No change				
		2. No change				

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CONTINUED ON REVERSE SIDE

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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.

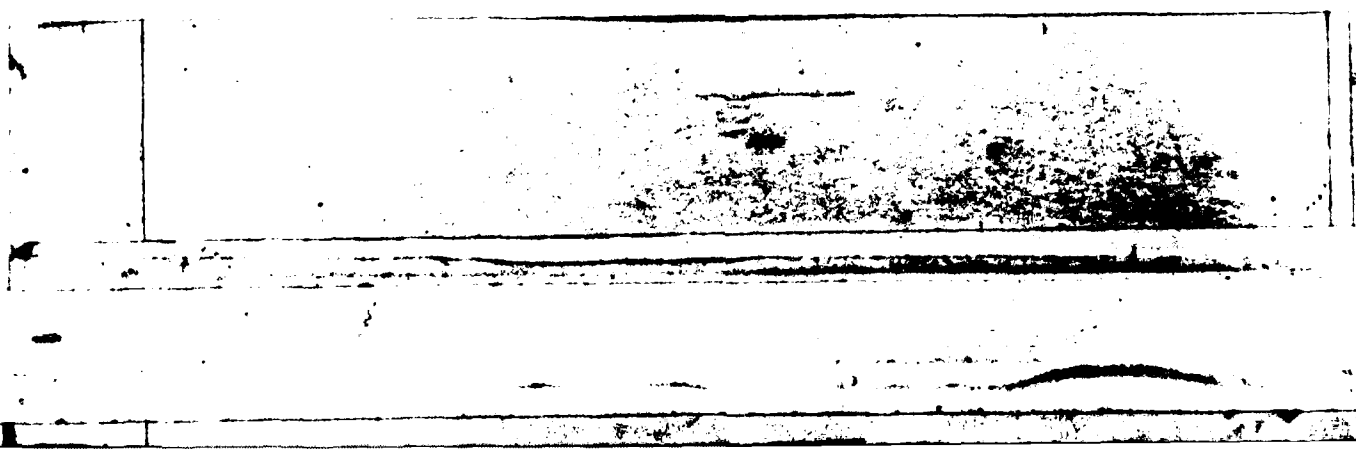
Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

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.



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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

3[illegible]31 | LAKENHEATH 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 OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		11.7		2.2		13.4	21.5	9.2			3[illegible].8	93[illegible]
	03-05	.1	11.7		2.[illegible]		13.5	21.8	7.5			29.4	93[illegible]
	06-08		12.[illegible]	.1	3.4		15.2	21.[illegible]	11.[illegible]			31.9	930
	09-11		11.3	.3	4.3		15.1	19.6	15.8			35.4	93[illegible]
	12-14		12.0		5.1		16.0	12.7	14.1			26.8	93[illegible]
	15-17		11.6	.1	3.2	.1	14.4	14.6	17.[illegible]			31.6	930
	18-20		10.1		2.9		12.2	17.4	15.8			33.2	93[illegible]
	21-23		10.1		2.3		11.7	20.8	11.[illegible]			31.7	93[illegible]
TOTALS		.[illegible]	11.[illegible]	.1	3.2	.[illegible]	13.9	18.7	12.7			31.[illegible]	7[illegible]9[illegible]

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USAFETAC
ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035831 STATION | LAKENHEATH RAF UK STATION NAME | 74-87 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		10.6		2.7		13.1	32.1	15.2			42.3	937
	03-05		11.3	.2	3.8		14.6	32.5	13.7			44.2	937
	06-08		9.9	1.0	3.1		13.5	33.0	16.8			44.8	937
	09-11		10.2	.7	4.5		15.1	25.3	22.8			44.1	937
	12-14		12.1	.1	3.2		15.1	13.3	23.5			36.6	937
	15-17		15.0	.1	3.6		18.5	10.2	25.8			36.1	937
	18-21		12.5	.1	3.7		15.8	16.2	24.5			42.7	938
	21-23		11.8	.1	3.2		14.6	21.5	19.6			41.1	937
TOTALS			11.6	.3	3.5		15.0	22.7	20.2			43.3	6700

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

75831 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		15.3		.8		15.7	14.6	11.9	.1		26.7	930
	03-05		14.9		1.6		15.8	19.2	12.4			31.6	930
	06-08		15.9		3.3		18.0	22.4	16.1			38.4	930
	09-11		17.3		3.2		19.2	14.4	18.2		.1	32.7	930
	12-14	.1	16.9		1.8	.2	18.1	4.8	18.3		.3	23.4	930
	15-17	.6	17.1		.6	.1	17.6	4.2	15.4		.2	19.8	930
	18-20	.2	18.8		.5		19.0	6.1	16.1			22.3	930
	21-23		16.9		.5		17.0	8.5	14.6			23.1	930
TOTALS		.1	16.6		1.5	.0	17.6	11.8	15.4	.0	.1	27.3	7440

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WEATHER CONDITIONS

03583 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		10.4		1.0		10.9	11.6	13.7			25.2	900
	03-05		12.4		.9		13.3	22.4	11.9			34.3	900
	06-08		13.8		.7		14.7	29.7	18.1			42.7	900
	09-11		11.9		.3	.1	12.2	9.1	16.4		.2	25.8	900
	12-14	.1	10.7		.9		11.1	3.3	11.4		.1	14.9	900
	15-17	.3	12.2		1.3		12.7	1.6	10.1		.6	12.2	900
	18-20	.2	11.2		.6		11.2	2.3	15.7			18.0	900
	21-23		9.7		1.3		9.5	5.2	15.2			20.5	899
TOTALS		.1	11.9		.9	.0	11.8	10.0	14.1		.1	24.2	7199

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WEATHER CONDITIONS

03583 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-8? (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.1	11.?		.1		11.1	13.2	8.7			?1.9	847
	03-05		9.5				9.5	29.8	14.1			43.8	867
	6-08	.2	9.9		.?		10.0	20.3	?1.2			41.6	919
	?9-11	.4	8.8			.2	9.?	5.6	14.6			?0.2	918
	12-14	1.3	12.4			.1	12.5	1.1	8.5			9.6	918
	15-17	2.2	13.4		.1		13.4	1.2	7.5			8.7	918
	18-2?	.9	8.7				8.7	2.8	10.8			13.6	918
	21-23	.4	9.1				9.1	6.2	11.4			17.6	893
TOTALS		.7	10.4		.1	.0	10.4	10.0	12.1			22.1	7191

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SUBPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[redacted] LAKENHEATH RAF UK 73-82 JUN
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
JUN	00-03	.0%	7.7%	.	.	.	7.7%	15.9%	10.7%	.	.	26.6%	900
	03-06	.2	9.1	.	.	.	9.1	29.3	17.9	.	.	46.8	900
	06-09	.3	9.9	.	.	.	9.9	19.2	21.6	.	.	37.8	900
	09-12	.0	7.9	.	.1	.	7.6	9.9	11.7	.	.	16.1	900
	12-15	2.2	6.9	.	.	.	6.9	.6	7.0	.	.	7.6	900
	15-18	2.0	9.2	.	.	.	9.2	.9	5.1	.	.	5.6	900
	18-21	1.1	8.9	.	.	.	8.9	1.8	9.9	.	.	11.2	900
	21-24	.2	8.2	.	.	.	8.2	9.3	11.6	.	.	18.9	900
TOTALS			8.9		.1		8.8	9.3	12.3			21.3	7200

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

03583I (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (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	5.8				5.8	10.4	11.1			21.5	930
	03-05	.1	7.8				7.8	22.7	18.2			40.9	930
	06-08	.2	10.2				10.2	10.9	21.2			32.1	929
	09-11	.1	8.1				8.1	2.6	9.6			13.2	930
	12-14	.4	8.7				8.7	.9	5.7			6.6	929
	15-17	1.0	8.4				8.4	.5	5.1			5.6	930
	18-20	1.0	7.7				7.7	1.4	8.5			9.9	930
	21-23	.2	6.6				6.6	4.4	10.6			15.1	930
TOTALS		.4	7.9				7.9	6.7	11.3			18.0	7438

USAFETAC FORM JULY 64 0-10-3(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03SR31 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.1	7.3				7.3	20.8	14.1			34.8	930
	03-05	.2	7.5				7.5	36.0	10.5			46.6	930
	06-08		8.5				8.5	28.2	21.8			50.1	930
	09-11	.3	8.2				8.2	5.2	18.1			23.2	930
	12-14	.4	8.9				8.9	2.2	10.9			13.3	930
	15-17	1.7	9.5				9.5	1.2	10.0			11.2	930
	18-20	1.4	8.3				8.3	3.0	15.6			18.6	930
	21-23	.4	6.0				6.0	7.6	18.3			25.9	930
TOTALS		.6	8.0				8.0	13.0	14.9			27.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035831	LAKENHEATH RAF UK	73-87	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	.6	10.8				10.8	20.4	12.0			32.4	899
	03-05	.1	9.7				9.7	33.6	10.1			40.7	900
	06-08	.1	10.5				10.5	29.1	18.1			47.3	899
	09-11		10.3				10.3	7.6	18.3			25.9	900
	12-14	.3	7.1				7.1	1.2	11.7			12.9	899
	15-17	.8	7.1				7.1	1.1	14.6			15.7	900
	18-20	.3	8.8				8.8	3.3	19.4			22.8	900
	21-23	.2	9.3				9.3	10.7	17.4			28.1	900
TOTALS		.3	9.2				9.2	13.0	15.2			28.2	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		12.5				12.5	28.9	11.3			[illegible].2	930
	03-05		12.6				12.6	36.5	10.5			47.0	930
	06-08		11.7				11.7	39.1	14.3			53.4	930
	09-11	.1	13.4				13.4	20.5	18.6			39.1	930
	12-14	.3	13.7				13.0	8.0	14.7			22.7	930
	15-17	.2	15.1				15.1	6.7	16.3			23.0	930
	18-20		15.8				15.8	13.2	17.5			32.8	930
	21-23		14.7				14.0	20.9	12.7			33.5	930
TOTALS		.1	13.5				13.5	21.7	14.5			36.2	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

033831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (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		7.8		.2		8.0	17.1	15.7			32.8	888
	03-05		12.6		1.0		13.5	16.6	14.2			30.7	888
	06-08		14.8		.8		15.4	19.3	13.1			32.3	888
	09-11		16.1		.8		16.7	15.2	15.1			30.3	888
	12-14		14.9		.2		15.2	9.2	14.8			24.3	891
	15-17		14.5		.7		15.0	9.4	16.8			26.3	891
	18-21		10.1	.1	.4		10.7	10.7	17.3			27.9	891
	21-23		9.6		.1		9.7	15.2	15.7			30.9	890
TOTALS			12.6	.0	.5		13.0	14.1	15.3			29.4	7115

USAFETAC FORM JULY 64 0-10-3(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03583 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (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
DEC	00-02		12.9		1.8		11.7	26.3	8.0			34.3	930
	03-05	.1	12.9		2.3		14.3	24.2	10.1			34.3	930
	06-08		13.3		1.5		13.5	24.5	10.5			35.1	930
	09-11		12.7		2.7		13.5	22.5	16.6			39.0	930
	12-14		11.3		1.9		12.9	18.1	17.7			35.1	930
	15-17		12.5		2.4		14.5	19.7	19.5			38.5	930
	18-20		12.3		2.0		13.4	21.7	12.5			34.2	930
	21-23		12.5		1.8		14.3	23.9	8.2			32.0	930
TOTALS		.0	12.0		2.0		13.5	22.5	12.8			35.3	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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-8? (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	11.3	.1	3.2	.0	13.9	18.7	12.7			31.4	7442
FEB			11.6	.3	3.5		15.0	22.7	20.2			43.0	6700
MAR		.1	16.6		1.5	.3	17.6	11.8	15.4	.0	.1	27.3	7440
APR		.1	11.5		.9	.0	11.8	10.0	14.1		.1	24.2	7199
MAY		.7	10.4		.1	.0	10.4	10.0	12.1			22.1	7191
JUN		.9	8.5		.0		8.6	9.2	12.1			21.3	7200
JUL		.4	7.9				7.9	6.7	11.3			18.0	7438
AUG		.6	8.0				8.0	13.0	14.9			27.9	7440
SEP		.3	9.2				9.2	13.0	15.2			28.2	7197
OCT		.1	13.5				13.5	21.7	14.5			36.2	7440
NOV			12.6	.0	.5		13.0	14.1	15.3			29.4	7115
DEC		.0	12.0		2.0		13.5	22.5	12.8			35.3	7440
TOTALS		.3	11.1	.0	1.0	.0	11.9	14.5	14.2	.0	.0	28.7	87240

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

039831	LAKENHEATH RAF UK	48-87	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.4	57.1	1.0	18.8	.3	64.1	53.0	77.7	.4		85.5	1037
FEB		.7	53.9	1.1	22.4	.6	64.6	54.0	81.8	.4		87.7	946
MAR		2.1	57.7		12.9	1.9	61.8	45.8	78.6	.2	.1	82.6	1025
APR		3.0	59.9		6.2	2.4	60.7	39.8	74.1			78.1	978
MAY		8.5	58.0		1.2	1.4	58.0	38.6	73.1			77.6	1036
JUN		10.6	51.0		.1	1.0	51.3	38.2	72.6			75.7	976
JUL		9.0	55.2			.4	55.2	38.0	73.8			77.3	1008
AUG		9.0	54.6			.4	54.6	52.1	78.2			81.7	1019
SEP		5.1	53.5			.2	53.5	53.4	77.4			81.5	992
OCT		1.5	54.4		.1	.4	54.4	59.8	80.3			86.2	1046
NOV		1.0	64.4	.1	4.8	.4	65.4	51.3	77.5			83.9	1000
DEC		.3	61.1	.2	12.6	.3	65.1	56.6	74.7	.3		86.0	1030
TOTALS		4.3	56.7	.2	6.6	.8	59.0	48.4	76.6	.1	.0	82.0	12093

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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)

075831 LAKENHEATH RAF UK 49-83
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	34.4	22.0	6.2	15.2	9.5	9.0	3.2	1.2	.3						43.6	979	1.52	3.77	TRACE
FEB	34.2	26.[illegible]	5.[illegible]	14.4	7.5	8.7	3.6	.5	.1						39.8	881	1.12	2.82	.[illegible]
MAR	37.3	22.0	5.8	13.2	8.3	9.1	3.6	.4	.1	.1					40.6	967	1.47	4.63	.00
APR	37.5	21.3	6.1	12.6	6.6	11.4	3.4	.6	.6						41.2	906	1.52	3.61	.00
MAY	41.[illegible]	21.1	4.8	13.7	7.[illegible]	7.6	3.3	1.4	.1						37.9	961	1.49	4.35	.00
JUN	47.7	19.0	4.9	7.7	5.3	7.4	5.4	2.2	.5						33.4	923	1.85	4.47	.00
JUL	44.4	19.7	4.8	9.9	6.4	7.8	4.4	2.2	.5						36.[illegible]	965	1.79	4.65	.00
AUG	44.4	18.7	3.8	10.0	5.9	8.9	5.9	2.1	.3						36.9	952	1.97	6.54	.00
SEP	45.5	22.3	4.2	8.1	5.1	7.1	5.4	2.0	.2						32.1	955	1.72	3.83	.00
OCT	43.4	19.8	5.1	11.6	5.7	8.0	4.5	1.7	.2						36.8	978	1.66	4.33	.00
NOV	31.1	22.5	5.8	14.4	7.5	10.9	5.7	1.7	.3						46.4	880	1.88	4.76	.00
DEC	34.[illegible]	24.3	5.[illegible]	14.6	7.1	8.8	4.3	1.7	.1						41.7	938	1.61	3.69	.00
ANNUAL	39.6	21.6	5.1	12.1	6.7	8.7	4.4	1.5	.3	.0					38.9	11285	19.60		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

725831 (STATION) LAKENHEATH RAF UK (STATION NAME) 49-87 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					*TRACE*	.00*	.00*	.00*	.00*	.00*	.00*	.00	
50	*TRACE*	.00*	.00*	.00*	.00	.00	1.39	.54	.73	.25	1.26	.45	1.39
51	.56	.35	1.10	.00	.39	.40	.25	.75*	1.21	.24	.33	.23	* 1.21
52	.20	.40	3.44	1.12	.35	.17	.37	.88	.35	.33	.63	.00	3.44
53	.21	.16	.09	1.04	.23	.63	.51	.47	.29	1.02	.36	.18	1.04
54	.21	.33	.41	.15	.00	.99	.73	1.56	.35	.40	.49	.57	1.56
55	.28	.41	.49	.09	.48	.51	.04	.34	.68	.81	.24	.35	.81
56	.58	.21	.15	.31	.45	.45*	.81	.66	.55	.42			
57	*TRACE												
58	*	.08*	.08				*	.71	.41	.54	.63	.66*	.61	
59	.69	.15	.43	.37	.31	.18	2.32	.73*	.00				
60	* .91	.61	.88	.29	.28	1.70	.84	.37	.61	.61	1.17	.73	1.33
61	1.02	.49	.08	.52	.45	1.07	.78	.35	.95	.60	.61	.76	1.07
62	.63	.51	.33	.34	.82	.08	.62	.38	.55	.46	.16	.34	.82
63	.48	.50	.47	2.28	.56	.48	.73	.55	.50	.34	.45	.18	2.28
64	.22	.29	.48	.70	.27	.83	.43	.44	.15	.24	.45	.60	.83
65	.71	.15	.42	.42	.33	.72	.62		.53	.26	*	.50	
66	.13	.35	.16	.26	.19	.73	.39	.99*	.23	.61	.34	.48	.99
67	.11	.28	.21*	.58	.78	.65	.36	.30	.29*	.41	.34*	.33	.78
68	.23	.28	.23	.38	.27	1.15	1.42	.50	.95	.72	.26	.42	1.42
69	.26	.30	.51	.30	1.67	.46	1.05	.66	TRACE	.04	.60	.53	1.67
70	.98	.26	.34	.41	.25	.63	.45	.49	.64	.27	.76	.49	.98
71	1.37	.16*	.35					*TRACE	.19	.81	.54	.26	
72	.58	.30	.30	.35	.18	.43	.40	.83	.27	.06	.75	.27	.83
73	.13	.34	.23	.40	.41	.70*	1.33	.23	.71	.30	.36	.36	* 1.33
74	.44	.25	.18	.27	.17	.74	.46	.69*	.76	.39	.67	.34	* .76
75	.40	.19	.48	.35*	.37	.41	.27	.12	1.37	.10	.36	.18	1.37
76	.41	.14	.11	.16	.27	.22	.53	.83	.31	.90	1.08	.47	1.08
77	.40	.55	.33	.22	.32	.50	.23	.62	.30	.09	.22	1.91	1.91
78	.21	.26	.35	.32	.97	.43	.57	.56	.44	.13	.27	.67	.97
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-9 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 45-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	.64	.54	.23	.12	.35	1.02	.33	.55	.18	.51	.30	.56	1.02
80	.61	.31	.55	.21	.26	.49	.68	.75	.37	.81	.33	.38	.81
81	.15	.09	.53	.49	.65	.22	.89	1.14	.48	.43	.18	.3[illegible]	1.14
82	1.01	.10	.23	.37	.98	1.02	.64	.26	.80	1.31*	.62	.66	1.31
83	.24*	1.55	.18	1.[illegible]9	1.[illegible]1								
MEAN	.968	.309	.461	.873	.498	.614	.638	.598	.503	.470	.498	.477	1.316
S.D.	.316	.142	.605	.447	.340	.311	.456	.296	.290	.308	.279	.332	.678
TOTAL OBS	979	881	967	906	961	923	965	952	955	978	880	938	11285

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 68 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

C35831 STATION — LAKENHEATH RAF UK STATION NAME — 49-83 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					*TRACE*	.00*	.00*	.00*	.00*	.00*	.00*	.00	
50	*TRACE*	.00*	.00*	.00*	.00	2.03	4.65	2.17	1.68	.63	2.89	1.05	*15.10
51	1.98	1.79	3.68	2.90	1.58	1.23	.71	2.26*	1.97	.59	1.87	.98	*21.54
52	.84	.64	4.63	2.26	.84	.61	.75	2.85	1.97	1.43	2.70	.74	22.26
53	.38	.78	.17	2.14	1.23	2.98	2.49	1.69	.87	1.94	.77	.34	15.78
54	.64	1.64	1.37	.20	2.41	2.32	2.58	6.54	1.51	1.80	3.32	1.71	26.06
55	1.57	1.88	1.39	.52	1.53	1.05	.04	1.28	1.65	2.71	.76	1.27	15.58
56	2.56	1.30	.43	.79	.64	2.07*	2.31	3.79	1.62	1.88			
57	*TRACE												
58	*	.08*	.08			*	2.49	2.06	2.85	2.16	1.21*	2.83	
59	2.29	.19	1.91	1.79	.64	.91	3.65	1.50*	.00				
60	* 2.86	1.20	1.53	1.36	.46	3.68	3.18	1.25	3.10	3.91	4.14	3.44	*30.11
61	3.77	2.16	.27	2.25	.90	2.17	2.21	2.07	3.33	3.15	1.96	3.33	27.57
62	2.39	1.38	1.27	2.00	2.21	.18	2.00	1.53	2.44	.80	.96	1.24	18.39
63	1.19	1.27	1.85	3.47	1.61	1.61	2.05	2.45	1.45	1.03	1.98	.39	20.34
64	.68	.62	1.63	1.66	1.01	4.47	.81	1.20	.39	1.07	1.56	1.65	16.75
65	1.87	.65	2.11	1.42	1.15	2.26	2.41		2.03	.49	*	2.63	
66	.75	1.62	.33	1.90	.79	2.36	2.28	1.75*	.36	2.32	1.61	1.87	*17.94
67	.56	.95	.51*	1.40	2.69	.81	1.02	1.15	.82*	1.68	1.39*	.83	*13.81
68	.89	.77	.47	.98	.96	3.43	2.90	2.83	3.33	1.57	1.03	1.55	20.71
69	1.07	1.10	1.99	1.21	3.92	1.35	1.84	1.60	TRACE	.09	2.45	2.03	18.65
70	2.37	1.23	1.59	1.97	.54	1.15	1.84	1.21	1.39	1.22	4.76	2.36	21.83
71	3.65	.50*	.76					*TRACE	.48	3.41	2.86	.71	
72	1.93	1.03	1.28	1.36	.67	1.35	1.59	1.44	1.11	.14	2.27	1.27	15.44
73	.46	.76	.63	1.70	1.69	1.61*	3.12	.79	3.83	1.45	.97	1.23	*18.24
74	1.81	1.89	.98	.61	.63	2.21	1.86	2.45*	2.58	2.38	2.90	1.08	*20.88
75	1.41	.68	2.84	2.10*	1.40	.99	.78	.27	2.73	.33	1.18	.68	*15.43
76	1.13	.40	.39	.29	1.22	.24	.60	1.65	1.62	3.10	2.32	1.84	14.80
77	1.85	2.07	1.52	.91	1.20	1.53	.42	2.36	.49	.33	1.17	3.69	17.54
78	.91	1.21	1.76	1.20	1.34	2.50	2.01	2.00	1.16	.38	.79	2.99	18.15
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION
FROM DAILY OBSERVATIONS

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 49-83 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	2.03	1.82	1.69	.82	2.22	1.42	.72	2.13	.53	1.48	1.31	2.3	18.47
80	1.36	1.40	1.71	.48	.31	2.34	2.60	2.31	.77	1.87	1.49	1.19	17.53
81	.73	.41	2.56	1.94	2.07	.62	1.19	1.41	2.13	1.75	.60	1.71	16.62
82	1.84	.36	1.03	.20	2.41	4.14	.92	1.14	2.61	4.33*	2.25	1.49	*22.72
83	1.16*	2.82	.71	3.61	4.35								
MEAN	1.523	1.123	1.474	1.520	1.490	1.854	1.789	1.971	1.718	1.658	1.881	1.615	18.915
S.D	.869	.557	1.010	.899	.982	1.089	1.072	1.111	1.017	1.136	1.091	.902	3.988
TOTAL OBS.	979	881	967	930	961	923	965	952	955	978	880	938	11285

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-3 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

03531 (STATION) LAKENHEATH RAF UK (STATION NAME) 49-83 (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	.01-.04	.05-.14	.15-.24	.25-.34	.35-.44	.45-.64	.65-1.04	1.05-1.54	1.55-2.54	2.55-5.04	OVER 5.04					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	81.2	11.2	2.8	3.6	.8	.2	.1	.1						7.6	995	2.2	11.9	.0
FEB	77.[illegible]	15.5	2.5	3.0	.9	.6	.3	.2						7.5	9[illegible]8	2.5	11.4	.[illegible]
MAR	87.2	8.9	1.7	1.6	.3	.1	.[illegible]							3.9	1010	1.0	7.0	.0
APR	93.4	5.5	.6	.3	.1									1.1	930	.2	1.9	.0
MAY	99.[illegible]	1.0													1035	TRACE	TRACE	.0
JUN	99.9		.1											.1	976	TRACE	.3	.0
JUL	100.0														1014	.0	.0	.0
AUG	100.0														1019	.0	.0	.0
SEP	100.0														987	.0	.0	.0
OCT	99.9	.1													1046	TRACE	TRACE	.0
NOV	95.3	3.2	.4	.7		.3		.1						1.5	998	.7	6.1	.0
DEC	87.0	8.5	1.5	1.9	.4	.5		.1						4.5	979	1.6	11.0	.0
ANNUAL	93.3	4.5	.8	.9	.2	.1	.0	.0						2.2	11897	8.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

035831 LAKENHEATH RAF, UK 49-83
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
49					.0	.0	.0	.0	.0	.0	.0*	.0	
50	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3
51	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0*	.0	.0	.0	TRACE	1.0
52	.6	.3	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.0	.5	4.0
53	2.0	1.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0
54	2.5	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
55	1.3	4.1	1.1	.0*	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.1
56	2.2	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0*	.0*	.2	2.2
57	* .1	*	.0	*	.0*	.0*	.0*	.0	*	.0*	.0		
58		*TRACE*	1.0	*	.1*	.0*	.0	.0	.0	.0	.0*	.5	
59	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
60	* 2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 2.0
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.1
62	2.0	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	5.0
63	2.4	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
64	1.8	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	1.8
65	.2	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	1.3	TRACE	1.3
66	1.2	1.7	TRACE	1.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
67	1.1	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.7	1.7
68	.8	TRACE	.1	1.3	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
69	TRACE	2.9	.1	TRACE	.0	.0	.0	.0	.0	.0	6.0	3.0	6.0
70	.9	3.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
71	.2	TRACE*	1.1				*	.0	.0	.0	2.5	.4	
72	1.0	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
73	TRACE	.1	TRACE	TRACE	.0	.0*	.0	.0	.0	.0	.9	.0	.9
74	.0	TRACE	.5	.0	.0	.0	.0	.0*	.0	TRACE	.0	.1	.5
75	TRACE	.0	.8	.3*	.1	.3	.0	.0	.0	.0	.0	TRACE	.8
76	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
77	1.1	.3	2.0	.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
78	1.1	1.1	4.0	TRACE	.0	.0	.0	.0	.0	.0	2.5	1.0	4.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

C75831 (STATION) LAKENHEATH RAF UK (STATION NAME) 49-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	6.2	5.3	.8	.5	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	6.2
80	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.5	.5	2.5
81	.5	.6	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.0	3.0
82	.7	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	TRACE	.7
83	TRACE*	1.2	TRACE	.2	.7								
MEAN	1.2	1.1	.67	.15	TRACE	.01	.00	.00	.00	TRACE	.59	.90	3.25
S.D.	1.342	1.632	1.111	.379	.000	.058	.000	.000	.000	.000	1.281	1.428	1.623
TOTAL OBS.	995	908	1010	930	1035	974	1019	1019	987	1066	998	979	11897

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

03631 LAKENHEATH RAF UK 48-87
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					.1	.0	.0	.0	.0	.0	.0*	.0	
50	*TRACE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.1	* 2.1
51	1.0	TRACE	TRACE	TRACE	.1	.1	.0	.0*	.0	.0	.0	TRACE	* 1.0
52	.8	.3	7.0	TRACE	.1	.0	.2	.2	.2	.0	1.0	.9	12.0
53	3.1	3.1	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.1	6.1
54	4.1	2.7	2.4	.0	.1	.0	.2	.0	.1	.0	.0	TRACE	9.2
55	3.3	11.3	1.7	.0*	TRACE	.2	.2	.0	.0	.0	.0	TRACE	* 16.3
56	4.4	11.4	TRACE	TRACE	.1	.0	.2	.0	.2	.0*	.2*	.2	* 16.2
57	* .1	*	.0	*	.1*	.0*	.0*	.0	*	.0*	.0		
58		*TRACE*	1.0	*	.1*	.0*	.0	.2	.2	.0	.0*	.5	
59	2.9	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0		
60	* 3.1	TRACE	TRACE	.0	.1	.0	.1	.0	.0	.0	.0	TRACE	* 3.0
61	TRACE	TRACE	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	9.2	9.2
62	3.1	9.6	2.0	.0	.0	.0	.0	.1	.0	.0	TRACE	5.5	20.1
63	9.4	9.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	18.8
64	2.5	TRACE	.6	.0	.0	.1	.1	.1	.1	.0	TRACE	1.1	4.8
65	.4	2.2	2.1	.1	.0	.0	.0	.0	.1	.0	1.5	TRACE	6.3
66	2.1	2.2	TRACE	1.9	.1	.1	.1	.1	.0	.0	TRACE	TRACE	6.1
67	1.9	.0	TRACE	TRACE	TRACE	.1	.1	.0	.1	.0	.0	2.5	4.3
68	2.0	TRACE	.1	1.7	.0	.1	.1	.1	.0	.0	.0	3.6	7.4
69	TRACE	7.4	.1	TRACE	.0	.0	.1	.0	.0	.0	6.1	4.4	18.0
70	1.1	4.2	3.6	TRACE	.1	.1	.1	.0	.0	.0	.0	3.2	12.1
71	.2	TRACE*	2.8				*	.0	.0	.0	3.4	.4	
72	1.3	TRACE	.2	.0	.1	.0	.0	.1	.0	.0	TRACE	.0	1.5
73	TRACE	.1	TRACE	TRACE	.1	.0*	.0	.0	.0	.0	1.5	.0	* 1.6
74	.1	TRACE	.7	.1	.1	.0	.0	.0*	.0	TRACE	.0	.2	* .9
75	TRACE	.0	1.7	.3*	.1	.3	.0	.0	.0	.0	.0	TRACE	* 2.3
76	4.3	TRACE	TRACE	.0	.0	.0	.0	.2	.0	.0	.0	.6	4.8
77	1.4	.3	2.1	.8	.1	.0	.0	.0	.2	.0	TRACE	TRACE	4.6
78	2.7	2.4	4.0	TRACE	.1	.0	.0	.0	.0	.0	3.0	1.2	13.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AS 60 0-80-5 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL
FROM DAILY OBSERVATIONS

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 45-87 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	11.9	11.0	1.1	.5	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	24.5
80	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.8	.5	4.3
81	1.0	.6	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	11.0	12.8
82	.8	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	TRACE	.8
83	TRACE*	2.0	TRACE	.2	.0								
MEAN	2.18	2.52	.95	.18	TRACE	.01	.00	.00	.00	TRACE	.65	1.60	9.88
S.D.	2.705	3.946	1.594	.467	.000	.054	.000	.000	.000	.000	1.965	2.798	6.307
TOTAL OBS	995	908	1010	930	1035	976	1014	1019	987	1006	998	979	11857

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 86 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03831 LAKENHEATH RAF UK 52-83
STATION STATION NAME YEARS

		AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	85.6	6.4	4.7	1.7	1.1	1.2								7.9	947			
FEB	88.5	7.4	2.8	2.5	1.7	.9	.1							8.3	846			
MAR	97.5	1.8	.3	.2		.1								.6	932			
APR	99.8	.2													888			
MAY	100.0														891			
JUN	100.0														856			
JUL	100.0														921			
AUG	100.0														926			
SEP	100.0														919			
OCT	100.0														953			
NOV	98.4	.7	.4	.2	.1	.2								1.0	910			
DEC	92.9	3.1	2.1	1.4	.5									4.1	938			
ANNUAL	96.6	1.6	.8	.5	.3	.2	.0							1.8	17927			

USAFETAC FORM 0-15-5 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 52-83 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52											TRACE	TRACE	
53		1	1	1	0	0	0	1	0	0	0	0	1
54		1	1	1	0	0	0	0	0	0	0	0	1
55		2	6	TRACE	0	0	0	1	0	0	0	0	6
56		2	3	1	0	0	1	0	0	0	0*	0*	2
57	*	2	0*	0*	0*	1*	1*	0*	0*	0*	0*	0*	0 * 1
58	*TRACE*		2*	1*	0	*	0*	0	0	0	0	0	TRACE
59	TRACE		0	0	0	1	0	0	0	0	0	0*	0 TRACE
60	*	4	TRACE	0	*	1	0	0	0	0	0	0	0 * 4
61		1	0	0	0	1	0	0	0	0	0	0	1
62		5	2	0	0	0	0	1	0	0	0	0	2
63		4	4	TRACE	0	1	0	0	0	0	0	TRACE	0 4
64		1	0	0	0	0	0	0	0	0	0	0	1
65		1	0	0	0	1	0	0	0	0	0	0	1
66		1	1	0	0	0	0	0	0	0	0	0	1
67		1	0	1	0	1	0	1	0	0	0	0	1
68		1	0	0	0	0	0	0	0	0	0	0*	0 * 1
69		1*	2	0	0	0	0	0	0	0	0	5	5
70		1	3	2	0	0	0	0	0	0	0	1	3
71		1	0*	0				*	0	0	0	1	1
72		1	TRACE	1	0	0	0	0	0	0	0	0	0 1
73		0	0	0	0	0	0*	0	0	0	0	1	TRACE 1
74		1	0	TRACE	0	0	0	0	0*	0	0	0	0 TRACE
75		1	0	TRACE	TRACE*	1	0	1	0	0	0	0	0 TRACE
76		4	1	0	0	0	0	0	0	0	0	0	1 4
77		TRACE	0	0	TRACE	0	0	0	0	1	0	0	0 TRACE
78		1	2	4	0	0	0	0	0	0	0	3	1 4
79		5	1	TRACE	0	1	0	0	0	0	0	0	0 1
80		TRACE	0	0	0	0	0	0	0	0	0	2	1 2
81		TRACE	TRACE	0	0	0	0	0	0	0	0	0	3 3
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

03831 STATION — LAKENHEATH RAF UK STATION NAME — 82-83 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN MONTHS
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	TRACE*	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	1.7	1.1	.3	TRACE	.1	.0	.1	.1	.1	.0	.4	.6	2.5
S D	1.598	1.904	.849	.000	.000	.000	.000	.000	.000	.000	1.136	1.013	2.263
TOTAL OBS	947	846	932	888	891	856	921	926	918	953	910	938	10927

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

03683 (STATION) LAKENHEATH RAF UK (STATION NAME) 60-87 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60	WNW*35SW	32*NW	31SW	34E	22S	29WSW	30SE	23NW	38NW	24SW	*28*SW	42	WSW 42
61	W 37WSW	46NNW	*35SW	28W	*32NNW	23W	31WSW	40SSW	*30WNW	35SW	40SW	*41	WSW 46
62	SSW*45W	*41SE	*32SW	*34SSW	*33WSW	*35WSW	30SSW	32S	*6WNW	33N	34W	54	W 54
63	ENE*35ESE	*33SW	*40SE	32W	*37W	37SW	27SW	*35W	*27SSE	*28SW	47SW	*26	SW 47
64	W *29W	*27E	*28NNE	31S*	*5NE	21WSW	32SSW	28WSW	44SSW	33SW	37W	45	W 45
65	S* 43W	32ENE	35WNW	40WSW	43WSW	39WSW	35W	32W	40SW	32WSW	44WSW	47	WSW 47
66	WSW 38SSW	39W	53SSW	*30SW	51W	34W	35WSW	34WSW	34SW	34W	42WSW	48	W 53
67	NNW 31W	54SW	44NNW	41SSE	47SW	36WNW	28W	33SSW	50WSW	51W	42SW	37	W 54
68	SW 48S	34N	54SW	38WSW	*37S	*38*34/	5027/	2922/	4323/	3333/	3317/	36	N 54
69	16/ 4236/	4025/	3827/	4820/	3435/	2837/	2436/	2625/	3629/	2822/	42 6/	36	27/ 48
70	11/ 3329/	4629/	3636/	3529/	3428/	2872/	3522/	3821/	3729/	3425/	4210/	32	29/ 46
71	23/ 31 3/	32 5* 29					24*	4027/	3224/	3731/	3719/	40	
72	28/ 4715/	3125/	3926/	3823/	4026/	34 7/	3319/	3718/	3127/	3330/	4220/	38	28/ 47
73	19/ 3523/	4132/	3927/	54 9/	4729/	2727/	2724/	39 9/	3127/	3825/	3631/	40	27/ 54
74	27/ 5618/	4521/	38 6/	3812/	2925/	3626/	38 4/	3021/	5036/	3420/	4026/	41	27/ 56
75	24/ 5219/	28 2/	3826/	30 2*	3821/	3226/	3523/	2927/	4727/	3917/	3626/	37	24/ 57
76	25/ 7136/	4423/	3929/	3426/	4223/	27 7/	27 6/	2826/	3415/	4018/	4118/	36	25/ 77
77	21/ 4625/	4123/	4226/	45 4/	3920/	3025/	2830/	3022/	3427/	3924/	5323/	64	23/ 64
78	31/ 5315/	3823/	4234/	3135/	2924/	3226/	2724/	2527/	3828/	3419/	39 6/	45	31/ 53
79	33/ 43 4/	3922/	4224/	3920/	3523/	2716/	2719*	22	12*	2624/	3724/	40	
80	13/ 4520/	24 6/	3332/	38 4/	3123/	2934/	3223/	3525/	4522/	4525/	4123/	37	13/ 45
81	29/ 4123/	4123/	38 2/	3618/	3121/	3127/	2825/	2721/	4322/	4727*	4812*	50	12* 50
82	9/ 3212/	2628/	4224/	3831/	38 8/	3324/	2825/	3729/	3714/	3221*	3722/	41	28/ 42
83	24/ 4425/	4224/	5435/	3423/	28								
MEAN	43.1	37.9	40.4	36.9	35.6	31.9	31.1	31.6	39.1	35.6	40.2	41.8	53.1
S.D	9.723	7.519	7.073	6.382	6.801	4.392	5.537	4.914	5.982	6.234	4.568	7.324	7.943
TOTAL OBS	718	654	727	675	694	644	677	653	648	681	668	692	8111

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

SURFACE WINDS

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

GFEB31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (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	1.2	.5	.2	.1		.2	.1					2.2	7.7
NNE	.1	.2	.6	.2								1.2	7.5
NE	.2	.5	.9	.1								1.6	6.8
ENE	.4	.6	.2	.5	.2							2.2	9.4
E	.3	.6	.6	.3	.3							2.3	8.8
ESE		1.4	1.2	.2	.2							3.2	8.2
SE	.6	1.2	1.4	.5	.2							3.9	8.2
SSE	.9	1.9	1.7	1.6	.5							6.7	9.7
S	2.3	1.9	3.2	5.1								12.5	8.6
SSW	1.3	2.4	4.4	4.2	.9	.4		.1				13.7	10.2
SW	.9	1.4	3.9	4.7	.4	.3						11.6	10.3
WSW	.6	1.2	3.4	3.9	.3	.1						9.6	10.0
W	.4	1.8	2.5	2.5	.5	.2		.1				8.1	11.5
WNW	.3	1.6	1.1	.9	.2	.2						4.3	8.9
NW	.1	.8	.9	1.0								2.7	9.8
NNW	.2	.5	.3	.2								1.3	6.7
VARBL			.9	.5	.4							1.7	13.3
CALM												11.5	
	9.8	18.5	27.3	26.6	4.5	1.5	.1	.2				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 70-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.4	.5		.1	.?						2.2	7.7
NNE	.8	1.1	.4									2.3	5.?
NE	.?	.4	.5									1.?	5.3
ENE		.1	.5	.?	.?							1.5	11.4
E	.?	.9	.8	.8								2.7	8.4
ESE	.4	1.1	.6									2.2	5.4
SE	.?	1.2	1.?	1.0	.1							4.3	8.5
SSE	.8	1.?	2.0	1.9	.5	.1						7.1	9.1
S	1.?	2.4	3.1	3.3	1.1	.?						11.8	9.5
SSW	.9	2.2	4.2	5.1	.8	.1						13.1	10.0
SW	.8	2.3	4.3	3.8	.4	.9						12.4	10.1
WSW	.6	.9	3.3	4.0	.1	.?						9.1	10.4
W	.9	1.8	1.6	3.1	.6							8.1	9.9
WNW	.3	1.0	1.3	.4	.1							3.1	8.0
NW		1.2	.9	.8								2.8	8.4
NNW	.5	.9	.2	.1								1.7	5.1
VARBL			.6	1.0	.3							1.9	13.0
CALM												12.3	
	9.7	19.4	26.9	25.7	4.4	1.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7R837 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.4	.1	.2							1.5	7.4
NNE	1.3	.5	.6									2.5	4.4
NE	.3	.3	.5	.2								1.2	7.2
ENE	.4	.1	.3	.5								1.4	8.4
E	.8	.4	.6	1.1								2.9	8.4
ESE	.4	1.1	.6									2.4	5.6
SE	.5	1.9	1.4	.5	.3		.1					4.7	7.9
SSE	.8	1.5	2.4	2.4	.6							7.6	9.4
S	1.7	2.7	2.9	3.4	1.0	.3						11.9	9.2
SSW	.6	2.2	3.0	4.6	.6	.3						11.4	10.6
SW	.6	2.9	4.4	5.1	.8	.9	.1					14.6	10.7
WSW	.9	1.2	4.0	3.0	.3	.1	.1					9.6	9.7
W	.6	1.2	2.4	2.4	.5							7.1	9.9
WNW	.8	.6	.6	.9	.2							3.1	8.3
NW	.2	1.0	1.3	.9	.2							3.5	9.0
NNW	.5	.5	.3	.3								1.7	6.3
VARBL			.1	1.0	.1							1.2	13.5
CALM												11.3	
	11.8	18.8	26.2	26.3	6.8	1.4	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.6	.?	.1							2.2	7.0
NNE	.5	.5	.3									1.4	4.6
NE	.?	.5	.3									1.1	4.9
ENE	.1	.1	.8	.6	.?							1.8	11.2
E	.?	.3	1.1	.8	.3	.1						2.9	10.7
ESE	.4	1.6	1.0	.2								3.2	6.3
SE	.6	1.4	1.1	1.?	.1	.1						4.3	7.9
SSE	.4	1.6	2.5	1.4	.5	.1						6.6	9.2
S	1.?	?.9	4.4	3.?	1.0	.1						13.?	9.6
SSW	.1	1.9	4.1	3.4	1.3	.3						11.2	11.2
SW	.6	2.0	4.2	4.6	1.1	1.?	.1					13.7	11.4
WSW	.9	1.3	2.9	5.4	.4	.2						11.?	10.7
W	.9	1.6	1.9	2.7	.6	.5						8.3	10.7
WNW	.?	.5	1.2	.8	.2							3.6	8.5
NW	.8	1.7	1.2	1.0	.2							4.1	8.5
NNW	.?	.4	.6	.3								1.7	7.9
VARBL			.9	1.1	.6							2.5	13.6
CALM												7.5	
	8.4	18.5	29.0	27.2	6.8	2.5	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.8	.6	.2							2.5	9.1
NNE	.1	.5	.5	.1								1.3	7.0
NE	.2	.3	.6	.4	.1							1.7	8.6
ENE	.2	.1	.5	.9	.1							1.8	10.6
E	.1	.1	1.4	1.2	.3	.1						3.2	11.7
ESE	.1	.9	.6	.3	.2							2.2	8.8
SE	.9	1.0	1.6	1.6	.3							5.4	9.0
SSE	1.0	1.0	1.4	1.8	.3	.2						5.7	9.4
S	.4	1.2	3.5	5.4	1.2							11.7	11.1
SSW	.3	1.3	4.0	3.1	1.4	.2						10.3	11.2
SW	.3	1.6	3.3	3.8	1.6	.3		.1				11.1	11.9
WSW	.2	1.3	3.2	5.2	1.3	.6						11.8	12.1
W	.4	1.2	2.8	4.1	2.6	1.0	.2					12.3	13.3
WNW	.5	1.3	1.7	1.5	.4	.1						5.6	9.9
NW	.5	1.3	1.3	1.0								4.1	7.8
NNW	.2	1.2	1.1	.6	.2	.1						3.4	9.1
VARBL	.2		.4	.5	.9	.2	.1					2.4	15.4
CALM												3.5	
	6.2	14.6	28.9	32.2	11.2	2.9	.3	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	1.2	.5	.3		.1					3.1	9.4
NNE	.1	.8	.5									1.4	5.8
NE	.1	.5	.4	.3								1.4	7.8
ENE	.3	.2	.6	.9	.3							2.4	10.8
E	.4	.8	.8	.8	.2							2.9	8.8
ESE	.4	.6	1.0	.2	.1	.0						2.6	8.6
SE	.8	.8	1.9	.4								3.9	7.0
SSE	.6	1.6	2.0	1.6	.1	.2						6.2	8.9
S	.8	2.0	4.5	3.9	.5	.4						12.2	10.0
SSW	1.4	1.6	2.4	3.2	1.0							9.6	9.8
SW	.4	1.8	4.9	4.3	.6	.2						12.4	10.2
WSW	.5	1.8	3.9	3.0	1.4	.4						11.1	11.2
W	.9	1.4	1.7	3.5	1.2	.1						8.8	11.1
WNW	.9	.9	1.3	1.8	.7							5.2	9.7
NW	1.6	.5	1.4	1.0								4.5	6.7
NNW	.3	1.4	1.1	.6	.3	.1						3.9	8.7
VARBL			1.0	.6	.4	.4						2.5	14.3
CALM												6.1	
	10.2	17.1	30.6	26.8	6.9	2.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2300 HOURS (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.3	.6	.1	.2	.1					2.6	10.5
NNE	.4	.4	.2									1.1	4.6
NE	.1	.5	1.0	.8								2.4	8.9
ENE	.2	.2		.6	.4							1.5	11.9
E	.4	.4	.9	.5	.3							2.6	9.5
ESE	.4	.6	1.1	.2	.1	.1						2.5	7.7
SE	.5	1.8	1.2	.4	.1							4.1	6.7
SSE	1.3	1.7	2.4	2.5	.2							8.1	8.2
S	.9	1.7	4.0	2.7	.4	.2						9.8	9.5
SSW	1.4	1.8	4.4	4.0	.6	.1	.2					12.6	10.0
SW	.6	2.9	5.3	3.7	.6	.9						14.0	10.0
WSW	.5	2.0	3.4	2.7	.8	.3						9.8	9.8
W	.6	1.2	2.7	3.0	.8	.1						8.4	10.5
WNW	.8	.5	1.1	1.4	.1	.1						4.0	9.4
NW	.4	.2	1.1	.9								2.6	8.6
NNW	.2	.4	1.4	.2	.1							2.4	8.5
VARBL			.3	.9	.1	.1		.1				1.5	14.8
CALM												10.2	
	9.1	17.6	37.6	25.1	4.8	2.0	.3	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-9-5 (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)

C7SR71 (STATION) LAKENHEATH RAF UK (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	.9	.6	.5	.3	.1	.2						2.3	8.3
NNE	.2	.2	.3									.9	4.9
NE		.3	.9	.6								1.8	9.6
ENE	.1		.6	.8	.1							1.6	11.6
E	.3	.8	.9	.3	.3							2.6	8.3
ESE	.2	1.1	1.1	.4	.1							2.9	8.1
SE	.8	1.4	1.9	.3	.2							4.6	7.1
SSE	.9	1.9	2.3	1.9	.1	.1						7.2	8.6
S	1.7	2.4	3.5	3.2	.2	.2						11.3	8.4
SSW	1.4	2.2	4.3	4.2	.3	.4	.1					12.9	9.6
SW	1.3	2.6	4.1	5.4	.9	1.3						14.3	10.9
WSW	.5	1.7	2.5	3.3	.4	.1		.1				8.7	10.1
W	1.4	1.3	2.3	2.7	.3	.2	.1		.1			8.4	10.2
WNW	.4	1.1	1.6	1.1								4.2	8.1
NW		.6	.8	.8	.1							2.3	9.8
NNW		.2	1.2	.1								1.5	8.5
VARBL			.2	1.1								1.3	12.4
CALM												10.3	
	9.8	18.4	28.9	26.6	3.2	2.4	.2	.1	.1			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03583 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (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	.6	.6	.6	.3	.1	.1	.0					2.4	8.5
NNE	.4	.5	.5	.0								1.5	5.7
NE	.2	.4	.6	.3	.0							1.5	7.6
ENE	.2	.2	.5	.7	.2							1.3	10.5
E	.4	.5	.9	.7	.2	.0						2.8	9.4
ESE	.3	1.0	.9	.2	.1	.0						2.6	7.3
SE	.5	1.3	1.5	.7	.2	.0	.0					4.4	7.8
SSE	.8	1.6	2.1	1.9	.4	.1						6.2	8.9
S	1.3	2.1	3.7	3.8	.7	.2						11.8	9.5
SSW	.9	1.9	3.8	4.0	.9	.2	.0	.0				11.8	10.3
SW	.7	2.2	4.3	4.4	.8	.7	.0	.0				13.1	10.7
WSW	.6	1.4	3.3	3.8	.6	.3	.0	.0				10.1	10.5
W	.8	1.4	2.2	3.0	.9	.3	.0	.0	.0			8.7	11.9
WNW	.6	.9	1.2	1.1	.2	.1						4.1	9.0
NW	.5	.8	1.1	.9	.1							3.3	8.4
NNW	.3	.7	.8	.3	.1	.0						2.2	7.9
VARBL	.0		.5	.8	.4	.1	.0	.0				1.9	13.9
CALM												9.1	
	9.2	17.9	28.6	27.0	5.8	2.1	.2	.1	.0			100.3	8.8

TOTAL NUMBER OF OBSERVATIONS 7439

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)

03P31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.[illegible]	1.2	.5								5.1	5.8
NNE	1.3	1.9	1.3	.5								5.[illegible]	6.3
NE	1.[illegible]	2.6	2.7	.6	.1							8.0	6.5
ENE	.[illegible]	1.8	2.6	1.2								6.3	7.8
E	.5	1.[illegible]	1.[illegible]	1.4	.1							5.5	8.0
ESE	1.[illegible]	2.2	1.6	.4	.4							5.7	6.7
SE	.2	2.[illegible]	2.2	.[illegible]	.1							6.[illegible]	7.1
SSE	1.6	1.2	1.9	1.[illegible]								5.[illegible]	6.8
S	1.[illegible]	1.2	2.[illegible]	3.0	.5							7.4	8.5
SSW	.3	1.6	2.5	1.6	1.2							7.6	9.6
SW	.7	.8	2.9	1.3	.2	.2						6.2	9.4
WSW	.1	1.2	2.9	1.2	.4	.1	.2					6.1	10.4
W	.7	.5	1.1	.7								3.[illegible]	7.7
WNW	.8	.2	.[illegible]			.1						1.4	5.8
NW	.1	.2	.5	.5								1.3	8.9
NNW	1.1	.7	.[illegible]	.2								2.3	9.7
VARBL			.8	.8	.1							1.8	11.9
CALM												15.3	
	15.2	22.6	28.3	14.8	3.1	.5	.2					[illegible]0.[illegible]	6.6

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	.8	.5								5.3	5.4
NNE	1.6	1.9	1.4	.4	.1	.1						5.3	6.2
NE	1.1	2.6	2.2	.7		.1						6.7	6.9
ENE	.9	1.7	2.3	1.2	.1							6.2	7.9
E	1.2	1.4	2.6	1.0								6.2	8.2
ESE	1.2	2.5	1.6	.6								5.6	6.4
SE	1.2	1.9	1.4	1.3								5.5	7.4
SSE	1.2	1.7	2.2	.7	.2							6.2	7.2
S	1.5	1.8	1.4	1.8	.2	.2						7.2	8.3
SSW	.9	1.2	1.2	1.8	.6							6.2	9.3
SW	.4	1.7	2.2	1.1	.1	.2	.1					6.3	9.1
WSW	.6	.8	3.2	1.2	.6							6.5	9.6
W	.4	.4	1.1	.6								2.4	8.2
WNW	.6	.8	.7	.4								2.4	6.4
NW	.4	.5	.5	.4								1.8	7.5
NNW	.4	.2	.1									.7	3.8
VARBL			.5	.7	.2							1.4	12.7
CALM												17.3	
	14.1	23.8	26.4	15.2	2.3	.7	.1					100.2	6.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03721 | LAKENHEATH RAF UK | 74-83 | FEB
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.2	.7	.4		.1						4.2	5.8
NNE	1.8	1.6	1.7	.2	.1	.1						4.5	5.8
NE	2.9	1.7	2.7	.8	.1							6.7	6.5
ENE	.5	1.1	1.9	1.9	.1							5.5	9.0
E	1.3	1.9	2.5	2.3	.1							8.1	9.1
ESE	.5	3.3	1.6	.4								5.7	6.1
SE	1.2	2.4	1.2	.4								5.1	5.6
SSE	.6	2.2	2.5	1.1	.5							6.8	8.4
S	1.2	1.2	1.9	2.5	.2	.2						7.5	9.2
SSW	1.2	1.1	3.7	.8	.5							7.2	8.4
SW	.2	1.7	1.7	1.1								5.3	7.5
WSW	.3	1.1	1.4	1.4	.4	.2						5.4	9.2
W	.7	.5	1.4	.7								3.3	7.9
WNW	.6	.4	.4	.8								2.2	7.8
NW		.1	.4	.4								.9	1.3
NNW	.4	.5	.5	.2								1.6	6.8
VARBL			.6	.8	.2							1.7	12.5
CALM												19.2	
	15.4	21.9	25.3	16.2	2.3	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7223? (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (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	1.?	1.4	1.1	.?		.?						4.4	7.2
NNE	.6	1.8	1.?	1.?	.4	.1						4.?	8.5
NE	1.?	1.4	1.6	1.?	.1							5.7	6.7
ENE	.6	1.6	3.?	2.4	.?							7.8	9.?
E	.4	1.8	2.?	3.7								7.?	9.7
ESE	.4	1.3	1.6	1.4	.1							4.3	8.6
SE	.3	1.1	2.2	1.3								4.4	7.8
SSE	.5	1.6	1.8	1.8								5.6	8.4
S	1.2	1.6	2.4	3.1	.8	.?						9.?	1.?.?
SSW	.?	1.3	1.8	?.?	.5							5.9	9.7
SW	1.?	1.3	2.7	2.5	.6							8.1	9.3
WSW	1.?	.9	1.7	1.1	.4	.1	.1					5.1	9.4
W	.5	.6	1.2	.7	.?							3.2	8.8
WNW	.5	1.1	.1	1.?								2.6	7.6
NW	.7	1.3	.4									2.4	4.9
NNW		.1	.7	.1								1.?	4.3
VARBL			?.?	1.2	.1	.?						4.5	11.1
CALM												?1.?	
	1?.9	2?.5	28.1	25.?	3.5	1.2	.1					???.?	7.8

TOTAL NUMBER OF OBSERVATIONS 837

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)

03331 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 12.2-1422 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.3	.7	.5	.2						3.3	10.6
NNE	.5	.8	1.6	1.3	.5	.2						4.9	10.3
NE		1.9	1.9	1.8	.1							5.7	8.9
ENE	.4	1.7	2.6	3.8	.2	.1						8.8	9.9
E	.4	1.9	2.2	3.0	.5							7.9	10.1
ESE	.5	.5	1.4	2.4	.2							5.1	10.2
SE	.5	1.7	1.3	1.4	.1							5.0	8.1
SSE	.3	1.1	1.6	2.4	.1							6.0	9.1
S	1.0	1.6	2.2	3.1	.5	.2						8.5	10.2
SSW	.2	1.1	2.5	3.3	.2							7.4	10.0
SW	.2	1.4	1.6	1.8	.7	.1						5.5	9.9
WSW	.4	1.1	1.2	1.1	.4	.2		.1				4.4	11.1
W	1.1	1.0	1.3	2.2	.7							7.2	9.1
WNW	.2	1.7	.6	.5	.1							3.1	7.2
NW	.2	1.4	.6	.6								2.9	7.2
NNW	.4	.5	1.4	.4		.2						2.9	8.4
VARBL			2.4	2.2	.4	.2	.1					5.3	12.2
CALM												4.7	
	7.5	21.3	27.6	31.9	5.3	1.6	.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

D75931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.3	.7	.4							4.3	8.2
NNE	1.[illegible]	.3	2.[illegible]	.6	.4							4.8	8.3
NE	.5	.8	3.7	1.5	.2							6.8	9.2
ENE	.4	1.7	3.1	3.1	.4							8.6	9.4
E	1.[illegible]	2.7	2.3	2.6	.4							8.9	8.5
ESE	1.0	1.2	1.9	2.4	.1							6.5	8.6
SE	.6	.8	2.6	1.0	.1							5.1	8.7
SSE	1.[illegible]	1.1	3.1	1.4								6.5	8.2
S	1.2	1.7	3.1	1.9	.5	.1						8.5	8.8
SSW	.6	1.4	1.7	2.0	.4	.1						6.2	9.[illegible]
SW	.[illegible]	.6	1.4	1.7	.4	.1						5.[illegible]	9.9
WSW	.3	.7	1.2	1.[illegible]	.5							4.2	9.3
W	1.4	1.3	2.3	1.2	.7							6.7	8.7
WNW	.6	1.[illegible]	1.[illegible]	.6								3.1	7.2
NW	.6	1.[illegible]	.5	.5								2.5	6.5
NNW	.4	.8	1.8									3.[illegible]	6.4
VARBL		.1	1.[illegible]	1.7	.5	.1						3.3	12.9
CALM												7.[illegible]	
	12.1	19.2	32.6	23.8	9.8	.5						1[illegible]0.[illegible]	8.2

TOTAL NUMBER OF OBSERVATIONS 69[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03631 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1900-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.4	.7	.2							4.9	7.2
NNE	1.2	2.5	1.2	.5								5.4	5.8
NE	1.8	2.1	1.9	.7	.2							6.3	6.6
ENE	1.4	2.0	3.6	1.9								8.9	7.6
E	1.2	2.9	1.7	1.8	.4							7.9	7.5
ESE	1.7	2.3	1.8	1.4								7.2	6.7
SE	.7	1.5	2.9	1.6								6.7	8.3
SSE	1.2	1.9	1.7	1.6	.1							6.1	7.9
S	1.2	1.3	3.0	2.5	.2	.5						8.7	9.6
SSW	.6	.8	1.3	1.1	.2	.2						4.3	9.9
SW	.4	1.1	1.7	2.1	.6							5.8	.1
WSW	.4	.5	1.2	1.2	.1							3.3	.7
W	.3	1.1	1.1	1.3	.1							4.4	7.9
WNW	.5	.8	.6	.1	.1							2.1	6.9
NW	.7	.7	.6	.1								2.1	5.2
NNW	.4	.4	.1	.2								1.1	5.4
VARBL			.4	.6	.1							1.1	12.8
CALM												13.1	
	15.2	23.6	25.7	19.5	2.4	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 338

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03983 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.6	.7	.7								6.2	5.4
NNE	1.1	2.2	1.8	.4	.1							5.4	6.4
NE	1.9	1.9	1.3	.4								5.5	5.5
ENE	.8	1.6	2.6	1.7	.1							6.8	8.1
E	2.0	1.9	2.0	1.9	.4							8.2	7.5
ESE	1.2	3.0	2.0	.8								7.0	6.5
SE	.4	2.4	1.8	1.6								6.1	7.6
SSE	1.0	1.6	1.3	1.0								5.7	7.8
S	1.3	1.3	2.6	3.6								8.8	9.2
SSW	.8	1.0	2.6	2.9	1.0							8.2	10.2
SW	.4	.7	.6	.8	.2							2.7	8.9
WSW		.4	2.0	1.6	.4	.1						4.9	11.1
W	1.6	1.4	1.8	.6								5.4	6.4
WNW	.8	.4	.5	.1								1.8	5.5
NW	.5	.2	.2	.4	.1							1.4	7.5
NNW	.1		.2	.1								.5	9.0
VARBL		.1	.5	.4	.4							1.3	12.1
CALM												14.3	
	15.9	22.6	24.7	19.7	2.6	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 837

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]P31	LAKENHEATH RAF UK	74-83	FEB

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	1.2	1.7	1.1	.6	.1	.1						4.3	6.7
NNE	1.1	1.7	1.4	.6	.2	.1						5.[illegible]	7.1
NE	1.4	1.9	2.[illegible]	.9	.1	.[illegible]						6.4	7.1
ENE	.7	1.6	2.[illegible]	[illegible].2	.1	.[illegible]						7.4	8.6
E	1.[illegible]	2.[illegible]	2.1	2.3	.2							7.7	8.5
ESE	.9	2.1	1.7	1.2	.1							6.[illegible]	7.4
SE	.7	1.8	1.9	1.1	.[illegible]							5.6	7.6
SSE	1.[illegible]	1.5	2.[illegible]	1.5	.1							6.1	8.0
S	1.[illegible]	1.5	2.3	2.6	.4	.[illegible]						8.2	9.3
SSW	.6	1.2	2.2	1.9	.6	.[illegible]						6.6	9.7
SW	.7	1.2	1.9	1.6	.4	.1	.[illegible]					5.7	9.2
WSW	.5	.8	1.9	1.2	.4	.1	.[illegible]	.[illegible]				4.9	10.0
W	.9	1.[illegible]	1.4	1.[illegible]	.2							4.4	8.1
WNW	.6	.8	.5	.4	.[illegible]	.[illegible]						2.4	6.9
NW	.4	.7	.4	.3	.[illegible]							1.9	6.7
NNW	.4	.4	.6	.2		.[illegible]						1.6	6.6
VARBL		.[illegible]	1.1	1.[illegible]	.3	.1	.[illegible]					2.6	12.0
CALM												12.7	
	13.3	21.9	27.3	2[illegible].8	3.3	.7	.1	.[illegible]				100.[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 6700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831	LAKENHEATH RAF UK	74-83	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2000-2200
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	1.6	1.7	2.4	.4								6.1	5.9
NNE	.9	.4	2.0	.9		.1						4.3	8.3
NE	.2	.4	.5	1.2	.2	.1						2.7	11.6
ENE	.3	.4	1.1	.4								2.3	7.5
E	.6	1.1	1.4	1.0								4.1	7.5
ESE	.3	1.3	1.2	.2								3.0	6.6
SE	.3	3.2	1.3	.3	.1							5.3	6.5
SSE	1.1	1.5	1.3	.6	.1							4.6	6.5
S	1.5	2.4	2.0	1.7	.2	.4						9.1	8.4
SSW	1.0	.9	4.5	2.4	.9	.2						9.8	10.0
SW	.6	2.3	3.3	4.3	1.0	.1						11.6	10.1
WSW	.9	2.7	2.4	1.6	.5	.2						8.3	8.7
W	.4	1.7	1.2	1.2	.5							5.1	9.4
WNW	.2	1.1	1.0	.2	.1							2.6	7.8
NW	.8	1.0	.5	.3	.3							2.9	7.8
NNW	.3	1.1	.6	.1								2.2	6.1
VARBL			.8	.2	.2	.1						1.3	12.0
CALM												14.8	
	11.1	23.1	28.4	17.1	4.2	1.3						100.2	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	1.2	.8								4.3	6.5
NNE	.4	.9	2.4	.8	.1	.2						4.7	8.8
NE	.5	1.2	.8	1.1	.3	.1						4.0	8.7
ENE	1.2	.8	.8	.2								2.7	5.5
E	.9	.6	1.8	.3								3.5	6.9
ESE	.3	1.5	1.4	.2								3.4	6.7
SE	.8	1.8	.6	.3								3.5	5.8
SSE	1.6	1.9	2.5	.5								6.6	6.1
S	1.4	1.1	3.2	2.8	.3							8.6	9.2
SSW	1.4	2.6	3.9	2.8	.2		.1					10.9	8.2
SW	1.2	1.9	3.4	2.4	.5							9.4	9.3
WSW	1.0	2.0	2.4	3.2	1.3	.1						10.0	10.2
W	.6	1.7	1.3	.6	.1							4.4	7.2
WNW	.6	.5	1.1	.4	.1							2.8	7.7
NW	.4	1.5	1.3	.8								4.0	7.6
NNW	1.2	.5	1.1	.1								2.7	5.9
VARBL			.9	.4								1.3	9.9
CALM												13.2	
	13.7	22.4	29.5	17.7	3.0	.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03233 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0630-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	1.9	.9								6.1	6.3
NNE	.9	1.2	1.5	1.1	.1							4.4	8.3
NE		1.1	1.1	1.6								3.8	9.1
ENE	.5	1.0	1.2	.6	.2							3.7	7.9
E	.1	.8	1.8	.9								3.5	8.6
ESE	.3	1.0	1.7	.5								4.5	7.2
SE	.9	2.0	1.6	.7								5.5	6.1
SSE	1.5	1.5	2.5	.9								6.3	6.7
S	.6	1.9	3.4	3.3	.6							8.9	9.2
SSW	1.3	1.0	3.5	3.5	.3							9.7	9.5
SW	1.3	2.6	2.4	3.1	.8							10.1	9.2
WSW	.9	1.0	2.9	2.6	1.0	.3						8.6	11.5
W	.4	1.0	1.7	.6								3.8	7.5
WNW	.4	1.9	1.0	.8	.1							4.2	7.3
NW	.3	1.3	1.2	1.2								4.0	8.2
NNW	.6	.5	.5	.2								1.9	6.0
VARBL			1.0	.5	.3							1.8	12.8
CALM												9.2	
	11.7	22.8	30.9	21.6	3.4	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03331	LAKENHEATH RAF UK	74-83	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.6	.5	.1							5.1	7.6
NNE	.1	.3	1.3	1.5	.?							3.4	1?.7
NE		.3	.8	?.3	.6							4.?	12.9
ENE	.1	.6	1.7	.9	.4							3.8	1?.0
E	.?	.4	.9	1.3	.5							3.6	1?.8
ESE		.3	.9	.3	.?							1.7	10.?
SE	.1	.8	3.1	2.0		.1						6.1	9.8
SSE	.5	1.?	2.3	1.0								4.?	8.?
S	.8	1.7	3.?	4.3	.4							?.2	1?.1
SSW	.9	1.2	2.8	2.9	.9	.?						3.8	10.7
SW	.5	.8	2.5	?.3	1.5	.5						8.1	12.9
WSW	.6	.5	.9	3.9	1.?	.4						7.3	12.8
W	.4	1.4	2.8	3.4	1.1	.?						9.4	11.2
WNW	.?	.6	1.6	1.3		.1						3.9	9.6
NW	.4	1.3	1.7	2.?	.2							5.7	9.4
NNW	.6	1.8	.5	1.?								4.?	7.8
VARBL			2.3	2.8	1.?	.1						6.?	12.5
CALM												4.?	
	6.1	14.6	31.5	33.8	8.2	1.7						1??.?	1?.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75273 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	2.7	1.8	.1							6.2	8.9
NNE	.1	.9	1.2	2.0	.2	.1						4.7	11.3
NE		.1	.6	2.6	.1	.2						3.7	13.3
ENE	.1	.5	.5	1.9								3.1	10.5
E	.2	.4	1.0	1.7	.3							3.7	10.7
ESE	.1	.9	.4	.5	.3	.2						2.5	12.8
SE	.2	.6	1.1	1.3	.4							3.7	10.6
SSE	.2	1.1	2.2	1.1	.2							4.7	9.2
S	.5	1.4	3.4	3.2	1.3							9.9	10.8
SSW	.4	.3	1.5	4.6	1.3	.5						8.7	13.2
SW	.5	.5	1.3	1.7	1.4	.6	.1					6.4	13.1
WSW	.5	.9	1.5	4.0	1.4	.6						8.9	13.0
W	.9	1.1	2.4	4.0	1.1	.9	.2					12.4	12.3
WNW	.3	1.0	1.3	2.2	.4	.2						5.4	11.0
NW	.3	.5	1.0	1.1	.2							4.1	9.8
NNW	.4	1.8	1.9	1.0	.2							5.4	8.2
VARBL		.2	2.6	3.3	1.3	.2						7.6	12.6
CALM												.9	
	5.6	13.3	27.6	38.1	10.3	1.9	.3					100.2	11.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-82 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	3.7	2.5	.2							8.3	9.3
NNE		.3	1.6	2.7	.7	.1						5.5	11.4
NE		.7	.6	2.2	.3							3.4	12.1
ENE		.5	.9	1.3	.1							2.8	10.5
E	.7	1.3	2.3	1.4								5.2	8.7
ESE	.6	.5	.6	.5	.4							2.6	9.2
SE	.2	.4	1.6	1.2								3.4	9.6
SSE	.5	1.1	2.5	1.5	.1							5.2	8.4
S	.4	1.1	2.2	3.1	.6	.1						7.5	10.8
SSW	.3	1.2	2.3	4.3	.9	.2						9.2	11.4
SW	.4	.9	2.3	3.5	1.3	.4						8.8	12.5
WSW	.3	.8	1.3	3.5	1.1	.2						7.2	12.5
W	1.1	1.1	2.8	4.6	1.9	.1						11.6	11.7
WNW	.9	.8	.9	.9	.1							3.3	7.9
NW	.6	1.5	.8	1.1	.2							4.2	8.2
NNW	.2	.5	1.9	.6								4.2	7.2
VARBL		.1	2.2	2.8	.8							5.8	12.1
CALM												1.9	
	7.1	14.2	30.1	37.2	8.3	1.2						100.2	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 LAKENHEATH RAF UK 74-83 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1030-2300
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	2.6	2.5	1.2	.1							7.4	7.3
NNE	.7	1.7	2.4	1.0	.1	.2						4.9	9.5
NE	.5	1.1	2.2	1.4	.1							5.3	8.7
ENE	.6	1.7	1.3	.5	.2							3.7	7.6
E	1.7	1.9	1.9	1.5	.1							5.9	7.2
ESE	.5	1.6	1.6	.4								4.2	6.4
SE	1.1	1.7	1.5	.4	.1							4.3	6.3
SSE	1.1	1.4	1.6	.9	.2							5.2	7.8
S	.5	1.7	3.5	2.5	.6	.1						8.1	9.5
SSW	.4	1.2	2.2	2.9	.8							7.4	1.3
SW	.5	.9	3.1	3.8	.4							8.7	12.4
WSW	.5	2.1	2.0	2.7	.3	.1						7.7	9.4
W	.6	1.1	2.2	1.9	.5							6.3	9.6
WNW	.2	.5	.5	.2	.1							1.8	8.1
NW	.1	1.1	.2	.1	.1		.1					1.7	7.9
NNW	.8	1.3	.9	.9								3.7	7.1
VARBL			.4	.4	.1							1.2	11.8
CALM												1.2	
	10.1	22.0	29.9	22.3	4.2	.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] LAKENHEATH RAF UK 74-[illegible] MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-2300
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	.3	2.7	3.5	.6								6.5	5.7
NNE	.3	1.3	1.6	.4	.3	.1						3.4	7.7
NE	.5	.9	1.3	1.0								3.4	7.3
ENE	.5	1.1	.3	.4	.1							2.1	7.2
E	.3	1.[illegible]	1.3	1.3								4.1	6.4
ESE	.3	1.8	1.6									3.7	6.4
SE	.4	2.6	1.1	.2								4.3	5.9
SSE	1.3	2.3	2.3	1.1	.3							7.4	6.9
S	1.2	1.1	3.7	2.3	.4							8.2	9.1
SSW	.7	1.[illegible]	3.5	2.4	.6	.1						8.7	10.3
SW	.3	1.5	2.9	4.4	1.2	.3						11.1	11.2
WSW	.6	1.5	2.3	2.4	.6							7.3	9.6
W	1.1	1.8	1.5	1.7								6.1	7.5
WNW	.4	.8	.1	.1								1.4	4.8
NW	.3	1.1	.9	.1	.1	.3						2.5	8.5
NNW	1.1	1.4	.6	.2								3.3	5.4
VARBL			.3	.3								.5	11.6
CALM												13.9	
	11.2	23.4	28.8	19.6	3.7	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]370

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03671 LAKENHEATH RAF UK 74-81 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	2.4	1.1	.1							6.3	7.4
NNE	.4	.9	1.7	1.7	.2	.1						4.6	9.5
NE	.7	.7	1.1	1.7	.2	.1						3.2	10.2
ENE	.4	.8	1.0	.9	.1							3.1	8.4
E	.4	1.0	1.6	1.1	.1							4.2	8.5
ESE	.3	1.2	1.2	.3	.1	.0						3.2	7.5
SE	.5	1.7	1.5	.8	.1	.0						4.6	7.5
SSE	1.0	1.5	2.1	.9	.1							5.6	7.4
S	.9	1.0	3.1	2.8	.6	.1						8.9	9.6
SSW	.3	1.2	3.0	3.2	.7	.2						9.2	10.4
SW	.7	1.4	2.6	3.2	1.0	.3	.0					9.3	12.9
WSW	.7	1.4	1.9	3.0	.9	.3						8.2	10.8
W	.7	1.4	2.0	2.3	.7	.1	.0					7.1	11.2
WNW	.4	.9	.9	.8	.1	.0						3.2	8.5
NW	.4	1.2	1.1	.8	.1	.0	.0					3.6	8.5
NNW	.7	1.1	1.0	.5	.0							3.4	6.8
VARBL		.0	1.7	1.4	.5	.1						3.2	12.2
CALM												5.6	
	9.6	19.5	29.6	25.8	5.6	1.3	.1					100.1	8.5

TOTAL NUMBER OF OBSERVATIONS 7438

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] LAKENHEATH RAF UK 74-82 APR

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / CLASS

0000-2300 / 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	2.4	4.5	3.7	.4								11.3	5.8
NNE	1.8	2.3	1.9	1.2	.6							7.7	7.4
NE	1.4	.7	1.4	.7								4.2	6.2
ENE	.7	.4	.2	.3								1.3	6.3
E	.7	1.3	1.2	.2	.1							2.9	7.2
ESE	.7	1.9	1.2	.3								4.1	6.1
SE	1.1	2.1	.7									3.3	5.2
SSE	2.2	1.6	.2									4.1	3.7
S	1.4	2.2	1.3	.6								5.3	6.1
SSW	.4	1.1	2.2	1.2	.2							4.8	8.5
SW	.7	1.9	2.2	.9	.2							5.7	7.8
WSW	1.1	.9	1.3	1.1	.4							4.9	8.5
W	1.7	1.4	2.2	.7								5.1	6.7
WNW	.7	1.6	1.6	.4								4.2	6.8
NW	.9	1.2	2.2	.4	.1							4.7	6.9
NNW	.8	1.6	1.1	.1								3.6	5.7
VARBL			.2									.2	7.5
CALM												12.2	
	17.2	26.6	23.9	8.9	1.7							100.3	5.1

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] LAKENHEATH RAF UK 74-83 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0700-0500
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	2.1	4.6	3.7	.2								10.6	5.6
NNE	1.2	2.2	2.8	.9	.4							7.1	7.8
NE	.7	.2	1.3	.7								3.5	7.1
ENE	.7	.3		.1								1.1	3.8
E	.8	1.2	1.1	.3								3.2	6.0
ESE	.9	1.4	1.6	.1								4.2	5.9
SE	1.1	1.6	1.3	.1								4.1	5.4
SSE	1.2	1.2	.2									2.1	3.8
S	.8	1.9	1.6	.3								4.6	6.1
SSW	.7	.9	2.0	1.1	.1							4.8	8.2
SW	.7	2.4	1.2	1.2	.6	.1						6.2	8.3
WSW	.4	2.1	.9	.9	.2							4.6	7.7
W	.4	1.4	1.1	1.1								4.1	7.4
WNW	.9	1.8	1.8	.3								4.3	6.1
NW	1.1	2.6	2.2	1.2								6.7	6.8
NNW	.9	2.4	.9	.2								4.4	5.5
VARBL			.3	.2								.6	9.6
CALM												22.6	
	14.8	28.6	23.8	8.9	1.3	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.8	5.1	1.4								12.1	7.2
NNE	.7	1.9	2.7	2.1	.1							7.4	8.7
NE	.6	1.2	1.1	1.6								4.4	8.2
ENE	.7	.7	1.1	.4	.1							2.7	8.2
E	.2	1.0	.9	.2								2.2	6.8
ESE	.4	1.2	1.6	.7								3.6	6.8
SE	1.0	1.1	1.3									3.4	5.6
SSE	1.1	1.1	.9	.3								3.4	5.6
S	.8	2.0	2.0	.7								5.4	7.0
SSW	1.0	1.3	1.6	1.6	.1							5.6	8.2
SW	1.4	1.3	1.7	1.3	.2	.1						6.1	7.6
WSW	.8	1.0	1.7	1.0	.3	.1						4.9	8.7
W	1.1	1.0	1.8	1.1	.1							5.1	7.5
WNW	.7	.9	1.8	1.2								4.6	8.0
NW	1.3	1.4	3.1	1.2								7.1	7.2
NNW	1.2	1.0	1.4	.6	.1							5.2	6.6
VARBL			.0	.7	.2							1.8	11.1
CALM												14.9	
	13.3	23.0	30.6	15.8	1.3	.2						100.3	6.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.2	6.4	4.8	.7							15.8	9.4
NNE	.2	1.0	2.6	3.3	.1							7.2	10.6
NE	.3	1.1	1.8	1.7	.4							5.3	10.0
ENE	.2	.4	.7	1.2	.2							2.3	11.6
E		.6	1.3	1.0								2.9	9.5
ESE	.1	1.0	.8	.4								2.3	7.2
SE	.2	.6	1.2	1.1	.1							3.2	9.3
SSE	.2	1.7	1.2	.3								3.4	6.6
S	.6	1.3	.9	1.0	.3							4.1	8.8
SSW	.8	1.2	1.3	2.2	.9							6.4	10.3
SW	1.3	1.3	.8	1.8	.3	.2						5.8	9.2
WSW	.6	1.4	1.7	.9	.2							4.9	8.5
W	1.1	.8	2.7	2.4	.8							7.8	9.7
WNW	.7	.7	1.0	1.4	.1							3.9	8.9
NW	.7	1.3	1.7	2.0	.2							5.9	9.1
NNW	.3	1.2	2.4	2.4		.4						7.3	9.5
VARBL		.1	3.8	2.3	.9		.1					7.2	11.3
CALM												3.9	
	8.4	19.0	32.2	30.4	5.3	.7	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-82 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	7.0	8.1	.6							17.6	10.8
NNE	.?	1.?	2.6	3.?	.7							7.7	11.1
NE	.3	.2	1.8	1.8	.3							4.4	10.7
ENE		.?	.?	1.?	.8							?.?	13.?
E	.3	.?	.?	.?								2.4	9.3
ESE	.1	.6	.9	.?								1.9	8.5
SE	.3	.2	.9	1.4	.1							?.?	10.5
SSE	.?	1.?	1.?	1.1								3.6	8.6
S	.7	.8	1.3	1.?	.1							3.9	8.2
SSW	.4	.4	.7	1.6	.2	.1						3.4	11.?
SW	.7	.9	1.6	1.4	.7	.3						5.6	10.6
WSW	.4	.7	1.8	2.4	.4							5.8	10.9
W	.6	1.1	3.1	1.8	.6							7.1	9.5
WNW	.7	1.1	.9	1.4	.1							4.2	8.6
NW	.9	1.3	1.2	1.4								4.8	8.1
NNW	.1	2.3	1.2	2.8	.?	.1						6.9	9.5
VARBL		.1	4.9	5.7	1.3							12.0	12.0
CALM												2.9	
	6.4	14.4	32.1	37.4	6.1	.6						100.0	10.?

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7R31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	9.7	7.4	1.0	.1						20.9	10.4
NNE	.9	.9	3.6	4.6	.7							10.4	10.8
NE	.1	.6	1.6	1.8	1.1							5.1	12.3
ENE	.3		1.6	1.6	.3							3.7	11.8
E	.3	.4	.2	.6	.1							1.7	8.7
ESE	.1	.3	1.7	.9		.1						3.1	9.7
SE	.1	.9	1.6	1.0								3.6	8.6
SSE	.3	.9	1.3	1.3								3.9	8.7
S	.3	.7	1.1	1.1	.1							3.3	9.2
SSW	.8	.6	1.1	1.3	.3							4.1	9.3
SW	.7	.6	1.6	1.4	.3	.1						4.7	9.7
WSW	.3	.4	1.7	1.6	.3	.3						4.7	11.2
W	.6	.9	3.3	2.6	.3	.2						7.9	10.2
WNW	.8	1.2	1.7	1.0	.1							4.1	7.8
NW	.9	1.1	2.1	.4	.2							4.8	7.4
NNW	.7	1.4	2.3	.6	.2	.1						5.3	8.1
VARBL			3.1	2.9	.6	.3						6.9	11.9
CALM												1.9	
	8.1	12.4	38.4	32.0	5.8	1.3						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) LAKENHEATH RAF UK (STATION NAME) 74-[illegible] (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.2	3.3	4.4	.4	.1						14.3	8.5
NNE	1.0	2.[illegible]	6.1	[illegible].0	.[illegible]							[illegible].[illegible]	8.6
NE	.4	1.3	1.[illegible]	[illegible].1	.1							[illegible].[illegible]	9.2
ENE	.[illegible]	.6	1.4	.[illegible]								[illegible].[illegible]	7.[illegible]
E	1.4	[illegible].[illegible]	1.[illegible]	.6								[illegible].4	6.[illegible]
ESE	1.4	1.[illegible]	[illegible].4	.[illegible]								4.[illegible]	5.8
SE	1.3	1.8	.9	.[illegible]								4.3	5.3
SSE	.9	1.4	1.[illegible]	.[illegible]								3.9	6.[illegible]
S	.6	.8	1.[illegible]	.4								2.8	7.[illegible]
SSW	.[illegible]	1.[illegible]	1.8	.6	.1	.1						4.4	8.[illegible]
SW	.4	.[illegible]	1.[illegible]	1.[illegible]	.6							3.8	9.9
WSW	.6	1.[illegible]	[illegible].[illegible]	.9	.1							4.9	8.1
W	.[illegible]	1.6	2.8	1.1		.1						5.9	8.6
WNW	.4	1.3	1.[illegible]	.[illegible]								3.4	7.4
NW	.9	.6	1.[illegible]	.[illegible]								[illegible].8	6.[illegible]
NNW	1.[illegible]	.9	.[illegible]	.[illegible]	.1							[illegible].[illegible]	6.[illegible]
VARBL			.[illegible]	.[illegible]	.1							.[illegible]	11.[illegible]
CALM												[illegible].4	
	13.4	24.[illegible]	34.[illegible]	16.8	1.8	.[illegible]						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7221 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1000-2300 (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	2.6	4.2	4.9	1.6	.2	.2						13.7	7.1
NNE	1.2	4.4	5.1	.8	.1	.1						11.6	6.9
NE	1.2	1.1	1.3	.2								4.1	6.9
ENE	.6	.2	.8	.2								2.2	6.7
E	.9	1.2	1.6	.7								4.3	7.2
ESE	1.1	1.6	.7	.2								3.6	5.4
SE	1.2	2.2	1.3									4.6	5.2
SSE	1.1	2.6	.9	.3								4.9	5.6
S	1.2	2.2	2.2	.3								5.6	6.2
SSW	.8	1.1	1.3	.7								3.9	7.5
SW	.4	2.2	.9	1.2	.2							4.8	7.9
WSW	.3	1.3	1.3	.7	.1							3.7	7.7
W	1.6	2.2	3.2	.6								7.6	6.5
WNW	1.1	1.2	.8	.1	.1	.1						3.2	6.2
NW	.7	.7	.4	.2								2.2	5.8
NNW	.8	1.6	.9	.2								3.4	5.4
VARBL			.3									.3	8.0
CALM												16.6	
	16.1	32.0	27.8	8.2	.9	.3						100.2	5.5

TOTAL NUMBER OF OBSERVATIONS 899

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)

72931	LAKENHEATH RAF UK	73-83	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.6	6.1	3.6	.4	.0						15.2	8.5
NNE	.8	2.0	3.4	2.4	.4	.0						9.0	8.9
NE	.6	.9	1.5	1.4	.7							4.8	8.9
ENE	.4	.4	.8	.7	.0							2.5	9.2
E	.5	1.1	1.0	.5	.0							3.1	7.2
ESE	.8	1.1	1.2	.4		.0						3.3	6.7
SE	.8	1.3	1.2	.5	.0							3.8	6.7
SSE	1.0	1.5	.9	.5								3.8	6.1
S	.8	1.5	1.4	.7	.1							4.4	7.2
SSW	.6	1.0	1.5	1.3	.3	.0						4.7	8.9
SW	.8	1.4	1.3	1.3	.4	.1						5.3	8.8
WSW	.6	1.1	1.5	1.2	.3	.1						4.8	9.0
W	.8	1.3	2.5	1.4	.2	.0						6.3	8.4
WNW	.7	1.2	1.2	.8	.1	.0						4.1	7.5
NW	.9	1.2	1.7	.9	.1							4.8	7.4
NNW	.8	1.7	1.4	.9	.1	.1						4.9	7.5
VARBL		.0	1.2	1.5	.4	.2	.0					3.7	11.6
CALM												11.8	
	12.2	22.4	30.4	19.8	3.2	.4	.0					100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 6 3 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-2300 (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	3.3	2.3	2.7	.4								5.8	5.3
NNE	1.7	.9	1.3	.5								4.5	6.1
NE	1.2	.8	.8	1.0								3.8	6.7
ENE	.6	.4	.8	.7								2.5	7.4
E	1.1	2.0	2.3	.9								5.3	6.4
ESE	.7	2.1	.7	.1								3.7	5.3
SE	2.0	1.5	1.1	.3								4.9	4.9
SSE	3.6	2.6	1.9	.2								8.4	5.0
S	1.1	2.9	1.8	1.2								6.7	6.5
SSW	.8	1.2	2.4	1.1								5.5	7.5
SW	.6	1.8	3.1	.7		.1						6.3	7.6
WSW	.5	1.7	1.7	.5								3.9	6.6
W	.8	2.1	1.7	.4	.1							4.4	6.2
WNW	.8	.7	.5									2.0	4.6
NW	.5	1.2	1.7									2.6	5.3
NNW	1.1	.6	1.2	.1								3.1	5.6
VARBL			.6	.2								.8	9.3
CALM												23.3	
	18.7	25.8	24.2	7.7	.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03221 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1500 (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	3.1	3.0	1.8	.7								8.7	5.1
NNE	1.7	1.5	1.7	.9								5.4	6.7
NE	1.1	.3	.9	1.3								3.5	7.8
ENE	.5	.7	1.2	.1								1.5	8.2
E	1.2	1.8	2.3	.5								5.1	6.3
ESE	.6	2.2	1.4	.1								4.2	5.8
SE	1.3	2.2	.7									4.2	4.4
SSE	2.5	1.3	2.1									5.3	4.9
S	1.5	2.9	1.7	.7								6.6	5.6
SSW	.6	1.7	2.8	.7								5.8	7.1
SW	1.4	1.7	2.1	.7								5.9	6.3
WSW	.3	1.3	1.2	.8								4.1	6.5
W	.9	1.3	1.8	.1								4.2	6.1
WNW	.2	1.4	.1									1.7	4.9
NW	.5	1.6	1.5									3.5	6.3
NNW	1.3	1.5	1.0									3.8	5.1
VARBL			.5	.1								.6	8.6
CALM												24.3	
	18.5	26.5	24.7	6.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03691 LAKENHEATH RAF UK 74-83 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0900

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	3.3	4.2	1.7								10.3	7.1
NNE	.9	1.7	2.4	2.2	.5							7.5	9.2
NE	.1	.5	1.2	1.0	.4							3.4	8.6
ENE	.7	1.1	1.1	.8								3.2	7.2
E	.4	1.0	2.6	1.4								5.3	8.2
ESE	.3	1.0	2.7	.7								5.7	6.5
SE	1.2	1.2	.9	.4								3.7	5.2
SSE	.7	1.1	1.6	.7								4.1	6.7
S	1.1	1.5	2.7	1.4								6.7	7.5
SSW	1.7	1.7	2.7	1.7								7.8	7.6
SW	1.3	1.6	2.9	2.0								7.8	7.7
WSW	.5	1.6	1.7	.8	.2							4.8	7.7
W	1.2	1.5	1.5	.9								5.1	6.6
WNW	1.2	.9	1.8	.7								4.6	6.4
NW	.7	1.4	.9	.7								3.8	6.1
NNW	.4	1.6	1.5	.7								4.2	6.8
VARBL			1.7	1.2	.2							3.2	10.4
CALM												10.7	
	17.3	24.2	34.3	16.2	1.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 919

USAFETAC FORM AA 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)

03320 | LAKENHEATH RAF UK | 74-97 | MAY
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

0300-0900
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	5.2	2.8	.3							10.6	6.2
NNE	.2	.8	1.5	2.7	.5	.2						5.6	11.3
NE	.2	1.2	1.3	1.4	1.1	.2						5.2	11.6
ENE	.2	.3	.2	.4								3.5	6.6
E	.3	.4	1.7	2.3	.5							5.2	11.2
ESE	.2	.3	1.6	1.4								3.5	9.5
SE	.3	.3	.9	.4	.1							2.2	7.7
SSE	.2	1.2	1.2	1.1								4.5	7.4
S	.2	1.2	2.2	2.1	.5							6.2	9.4
SSW	.3	2.2	2.3	2.2	.4							7.5	9.6
SW	.2	.9	1.6	1.5	.1							4.2	8.8
WSW	.4	.9	2.3	1.6	.2							5.4	9.4
W	.8	1.2	2.2	.9	.1							4.2	7.7
WNW	.9	.7	1.3	.2								3.2	6.2
NW	.2	1.1	1.2	.7								3.2	7.8
NNW	.3	.9	3.4	.4								4.9	8.1
VARBL	.1	.2	7.1	5.9	.9	.2						12.4	11.2
CALM												4.7	
	8.2	16.2	37.3	29.2	4.9	.2						100.2	9.2

TOTAL NUMBER OF OBSERVATIONS 258

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03331 LAKENHEATH RAF UK 74-83 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1800
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	.2	1.7	4.5	3.2	.7							10.3	10.5
NNE	.4	1.2	1.5	2.0	.9	.1						6.1	11.6
NE	.1	.5	.9	1.3	.5	.1						3.4	12.8
ENE	.2	.5	.7	.5	.2							1.9	9.7
E	.5	.4	1.2	2.5	.7							5.3	11.2
ESE	.2	.2	1.9	2.1	.2							4.1	11.1
SE	.2	1.2	1.3	1.1	.2							4.1	9.5
SSE	.2	.2	.5	.2								1.1	7.1
S	.3	1.2	2.5	2.8	.3	.1						8.4	9.7
SSW	.2	1.1	2.3	2.2	.2	.1						6.2	10.5
SW	.5	.2	1.9	2.8	.1	.1						5.3	10.1
WSW	.4	1.2	2.6	1.9	.3							6.5	9.4
W	.3	2.2	1.6	.9								5.1	7.1
WNW	.2	.2	.5	.1	.1							2.3	5.9
NW	.4	.2	1.6	.2	.1							2.2	8.1
NNW	.2	1.2	2.9	.7								4.9	8.2
VARBL		.5	7.5	6.4	1.9							16.4	11.5
CALM												.1	
	5.5	15.8	35.8	32.1	6.9	.3						100.1	9.9

TOTAL NUMBER OF OBSERVATIONS 918

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] LAKENHEATH RAF UK — 74-83 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

1500-1700 — HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	5.1	5.6	.1							13.3	10.2
NNE	.2	.7	1.4	2.6	.9							5.5	11.7
NE		.2	1.2	1.6	.7	.4						4.5	12.9
ENE	.1	.2	.2	1.1	.3							2.0	1.9
E	.4	.7	1.7	2.1	.8							5.7	10.8
ESE	.2	1.3	1.6	2.1	.1							5.3	9.4
SE	.4	.9	1.1	1.2	.1							3.7	8.6
SSE		1.5	1.2	.4	.1							3.4	7.6
S	.2	1.4	2.7	2.4	.2	.1						7.5	9.6
SSW	.4	1.3	2.9	2.1	.4	.2						7.1	10.3
SW	.7	1.1	2.2	2.4	.3							6.6	9.5
WSW	.4	1.2	2.6	1.9	.2	.1						6.9	8.9
W	.5	1.2	2.4	1.3								5.4	8.4
WNW	.4	.2	.4	.2	.2							2.3	7.6
NW	.2	1.5	.3	.2	.1							2.4	7.2
NNW	1.2	1.2	1.2	.7								4.3	6.9
VARBL		.1	4.0	3.5	1.5	.4						10.5	12.2
CALM	-	-	-									2.2	
	7.2	17.8	34.3	31.5	6.2	1.2						100.2	9.6

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER (CLASS)

0000-2300 (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	1.9	3.6	6.7	2.6	.1							14.2	7.6
NNE	.4	1.0	3.6	3.3	.1	.1						8.5	9.9
NE	.5	1.9	1.7	1.2	.3	.7						5.3	9.4
ENE	.4	1.5	1.6	1.7								5.3	8.5
E	.7	2.2	3.5	2.6								8.9	8.5
ESE	1.3	1.5	1.0	.7								4.3	6.3
SE	.7	2.2	1.3	.2								4.4	5.7
SSE	.4	2.1	1.0	.1								3.4	5.9
S	1.2	2.4	3.6	1.4								8.6	7.3
SSW	.7	2.1	2.1	.9	.4							5.3	8.4
SW	.7	2.2	1.2	1.9	.7	.1						6.6	9.1
WSW	.3	.9	1.5	.7								2.9	7.7
W	1.7	.7	1.7	.5								4.2	6.5
WNW	.7	.5	.8	.7	.1							2.1	7.6
NW	.8	1.2	.7									2.1	4.1
NNW	.8	.9	.3	.1								2.1	4.9
VARBL			.2	.7	.3							1.2	12.4
CALM												7.3	
	12.2	26.3	33.9	19.5	2.1	.4						100.7	7.3

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7P31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2300-2300 (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	2.6	4.2	2.1	.2								11.1	5.5
NNE	1.2	2.6	2.1	1.7								7.6	7.2
NE	1.7	1.5	.9	.7		.2						4.6	6.2
ENE	1.2	.9	.9	.6								3.5	6.3
E	1.6	2.2	3.4	.4								7.4	6.4
ESE	1.3	2.9	1.1	.1								5.4	4.8
SE	1.6	3.2	1.2	.1								6.2	5.2
SSE	2.6	3.4	1.3									7.3	4.7
S	1.3	2.7	2.9	.4								7.4	6.1
SSW	.1	1.7	2.6	1.1	.1	.1						5.7	8.6
SW	.4	1.9	1.5	1.2	.3							5.2	8.2
WSW	.2	.4	1.2									1.8	6.4
W	.4	1.2	1.2	.1								2.8	6.1
WNW	.3	.4	.1	.1								1.1	4.8
NW	.9	1.1	.1									2.1	4.1
NNW	1.1	2.2	.1									3.2	4.4
VARBL			.6									.6	9.4
CALM												17.9	
	15.9	31.8	24.2	6.4	.4	.3						100.1	5.2

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03731	LAKENHEATH RAF UK	74-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	4.1	2.2	.2							11.1	7.7
NNE	.8	1.2	2.1	1.1	.4	.1						5.5	9.3
NE	.5	.8	1.1	1.1	.4	.1						4.2	9.8
ENE	.4	.7	.9	.7	.1							2.9	9.2
E	.9	1.4	2.1	1.6	.3							6.3	8.5
ESE	.7	1.6	1.6	.9	.1							4.8	7.3
SE	.9	1.6	1.1	.5	.1							4.2	6.2
SSE	1.2	1.9	1.5	.3	.1							4.9	5.8
S	1.1	2.1	2.5	1.5	.1	.1						7.4	7.8
SSW	.6	1.6	2.5	1.6	.3	.1						6.5	8.8
SW	.8	1.5	2.1	1.6	.3	.1						6.2	8.4
WSW	.5	1.2	1.8	1.1	.1	.1						4.6	8.2
W	.8	1.4	1.6	.6	.1							4.5	7.1
WNW	.6	.9	.7	.2	.1							2.3	6.1
NW	.5	1.2	.8	.2	.1							2.7	6.2
NNW	.8	1.2	1.5	.3								3.8	6.5
VARBL	.1	.1	3.1	2.3	.6	.1						6.1	11.4
CALM												11.2	
	12.8	23.1	31.2	18.6	2.8	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (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	2.6	2.?	2.1	.8								7.?	5.8
NNE	1.1	1.7	1.2	.1								4.1	5.2
NE	.9	.7	.?									?.2	4.7
ENE	.6	.?	.3									1.6	4.9
E	1.?	1.5	1.4	.?								4.9	5.4
ESE	1.?	1.6	.7									3.6	4.5
SE	1.4	1.3	.3									?.1	4.1
SSE	2.8	1.7	.?	.?								4.3	3.4
S	2.?	2.3	1.4	.?								7.1	5.4
SSW	2.?	2.?	3.4	1.?	.?							8.9	7.?
SW	1.8	2.6	5.8	.?								12.6	6.6
WSW	1.1	1.?	?.?	.?								4.6	6.1
W	.9	1.4	1.3	.7								4.3	6.4
WNW	.8	.?	.7	.2								?.3	5.5
NW	1.2	1.3	.7									3.2	4.6
NNW	1.1	1.6	.9									3.6	4.9
VARBL			.?	.?								.3	9.3
CALM												23.0	
	24.1	24.4	23.3	4.9	.?							100.?	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0707-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.9	2.5	.7								8.5	5.6
NNE	1.3	1.4	1.2									4.3	5.2
NE	.7	.4	.4									1.5	4.2
ENE	1.1	.6	.3	.1								2.1	4.2
E	.8	1.0	1.0	.2								3.0	6.0
ESE	.3	1.2	.6									2.1	4.7
SE	.6	1.7	.4									2.7	5.1
SSE	2.6	1.6	.2									4.3	3.3
S	2.4	1.6	1.8	.6								6.3	5.4
SSW	1.8	3.2	3.6	1.3								9.9	6.8
SW	2.9	3.2	4.0	.7								10.8	5.2
WSW	1.1	1.2	1.9	.2								4.4	6.4
W	1.1	2.0	1.9	.2								5.2	5.7
WNW	1.4	.9	.2	.1								2.7	3.7
NW	.9	1.6	1.1									3.6	5.3
NNW	1.2	1.7	.7									3.1	4.8
VARBL				.1								.1	13.0
CALM												25.7	
	23.1	26.1	20.9	4.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 970

USAFETAC FORM 0-8-5 (OL A) JUL 66 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) LAKENHEATH RAF UK (STATION NAME) 73-82 (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	4.2	2.6	4.3	1.6	.1							12.8	6.3
NNE	.7	2.0	1.6	1.0								5.2	7.2
NE	.7	.1	1.0									1.8	5.6
ENE	.2	.3	.1									.7	5.3
E	.6	1.1	1.6	.2								3.6	6.5
ESE	.2	.9	.8	.1								2.1	5.3
SE	.6	.9	.4	.1								2.0	5.2
SSE	1.6	.9	.6									3.0	4.2
S	1.2	2.8	1.7	1.2								6.7	6.7
SSW	1.2	1.7	2.4	2.2								7.7	8.2
SW	1.4	2.7	4.2	2.8	.3							11.2	8.2
WSW	1.1	2.9	3.2	1.6	.1							8.7	7.5
W	1.7	2.2	3.6	1.1	.2							8.6	7.2
WNW	1.4	1.2	1.6	.3								4.6	5.8
NW	1.3	2.1	1.6	.2								5.2	5.6
NNW	1.0	2.1	1.2	.1								4.4	5.3
VARBL		.1	1.8	.4	.1							2.4	9.4
CALM												0.1	
	19.4	26.3	31.1	13.1	.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75831 (STATION) LAKENHEATH RAF UK (STATION NAME) 77-82 (YEARS) Jul (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	5.4	3.0								11.6	8.5
NNE	.3	1.6	1.8	.6	.1							4.5	7.4
NE	.6	1.3	1.1	.6								3.2	7.3
ENE	.3	.6	.4	.1								1.4	5.7
E	1.2	.9	.9									3.0	4.7
ESE	.3	.4	.7	.2								1.6	7.1
SE	.7	1.3	.4	.1								2.2	5.4
SSE	.4	.8	1.1	.1								2.4	6.5
S	.6	1.3	1.7	1.2								4.4	6.1
SSW	.7	1.8	3.0	2.1								7.6	8.6
SW	.7	2.7	2.7	2.7	.6							8.8	9.1
WSW	.7	2.3	2.7	3.1	.4							8.9	9.4
W	1.3	2.9	3.7	3.3	.1							10.9	8.5
WNW	1.3	2.1	1.6	.8	.1							5.6	6.8
NW	.9	1.7	1.9	.7								5.1	7.1
NNW	.7	1.6	1.7	.3								4.2	6.4
VARBL		.2	9.7	2.4	.4							12.9	9.3
CALM												1.8	
	11.6	23.7	39.9	21.3	1.8							100.2	7.9

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03683 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	4.1	3.6								10.3	9.1
NNE	.7	1.2	1.2	.9								3.7	8.2
NE	.7	.8	.4	.7	.?							2.3	8.2
ENE	.3	.6	1.1	.?								2.2	7.1
E	.2	.7	1.1	.4	.1							2.5	7.5
ESE	.2	.7	.9									1.8	6.6
SE	.2	.7	.4	.?								1.7	6.9
SSE	.1	.7	.4	.4								1.7	7.7
S		1.9	1.8	1.2	.1							5.3	8.4
SSW	.4	1.1	1.8	2.1	1.?							6.4	10.8
SW	.4	1.4	2.2	2.9	.8							7.8	10.5
WSW	.7	1.?	2.4	4.0	.2							8.?	10.3
W	1.0	3.1	2.7	3.6								10.3	8.3
WNW	.7	1.9	1.4	1.?	.1							5.1	7.3
NW	.6	1.1	1.6	.6								3.8	6.9
NNW	.6	1.8	2.?	.6								4.9	6.8
VARBL		.9	14.4	4.8	.9							21.0	9.9
CALM												.8	
	6.7	21.8	40.1	27.2	3.4							100.?	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03231 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-52 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1530-1700 (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	.7	2.9	5.7	4.1	.1							13.5	8.9
NNE	.6	1.1	2.2	1.0	.1							5.0	8.2
NE	.2	.9	.9	1.0	.1							3.1	8.7
ENE	.2	.8	.7	.4	.1							2.2	7.8
E	.3	1.1	1.7	1.0								4.3	7.9
ESE	.2	1.1	.8									2.1	5.2
SE	.4	.8	.8	.2								2.2	6.4
SSE	.1	.6	.7	.2	.2							2.1	8.1
S	.4	1.0	1.9	1.2	.6							5.1	9.3
SSW	.2	.4	2.1	2.3	.7							5.8	11.2
SW	.1	1.8	2.6	3.2	.2							7.9	9.8
WSW	.4	1.2	2.8	3.2	.4							7.7	10.5
W	.6	2.6	2.6	4.2	.1							9.8	9.3
WNW	.3	1.8	.9	1.7								4.7	8.4
NW	.9	1.9	1.6	.1								4.4	6.2
NNW	.4	1.2	1.4	.2								3.8	6.4
VARBL		.1	11.1	3.8	.1	.1						15.2	9.6
CALM												1.7	
	6.4	21.7	39.2	27.6	2.8	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7431 LAKENHEATH RAF UK 77-80 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	5.9	2.1								11.3	7.7
NNE	1.1	2.4	4.4	1.3								9.3	7.4
NE	.6	1.1	2.0	.7	.1							4.4	7.2
ENE	.7	1.2	1.6	.7								3.7	7.7
E	.4	1.0	2.0	1.7								5.1	7.8
ESE	1.4	1.2	1.4	.5								4.9	5.5
SE	1.1	1.9	1.2									4.1	5.4
SSE	1.0	1.1	.6	.2								2.9	5.2
S	1.1	.9	1.6	.3	.2	.1						4.1	7.4
SSW	.3	1.1	3.1	2.6	.3							7.6	9.6
SW	1.1	1.8	3.6	2.2								8.3	7.9
WSW	1.1	1.8	3.7	1.8	.1							8.3	8.1
W	1.1	2.1	2.8	1.6								8.2	7.3
WNW	.9	.9	1.3	.8								3.9	7.2
NW	.9	1.1	.8	.1								2.9	5.1
NNW	.8	.6	1.2	.3								2.9	6.7
VARBL			1.8	.3								2.1	9.4
CALM												1.6	
	14.7	24.1	38.9	15.0	.7	.1						133.3	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7221 (STATION) LAKENHEATH RAF UK (STATION NAME) 7-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0300-0900 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	4.2	2.8	.8								9.9	5.3
NNE	1.3	1.2	1.6									4.2	5.1
NE	1.3	1.2	1.2									3.7	5.1
ENE	.7	1.1	.9	.1								2.8	5.9
E	1.6	2.6	2.3	.7								7.2	5.7
ESE	1.8	1.4	1.1	.1								4.4	4.7
SE	1.2	2.1	.7									3.9	4.5
SSE	3.2	1.9	1.1	.1								6.3	4.3
S	1.1	2.3	1.2	.6	.1							5.2	6.4
SSW	.9	2.4	3.9	1.2	.2							7.8	7.9
SW	1.6	3.0	2.2	.9								7.9	6.4
WSW	.7	1.6	2.1	.2								4.3	6.2
W	1.3	2.2	1.6	.3								5.4	5.4
WNW	1.1	.7	.6	.2								2.6	5.2
NW	.2	.7	.2									1.1	5.2
NNW	.3	.6	1.1	.2								2.3	6.2
VARBL			.1									.1	3.3
CALM												14.1	
	21.2	31.2	25.4	4.9	.4							99.2	4.6

TOTAL NUMBER OF OBSERVATIONS 992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] LAKENHEATH RAF UK [redacted] JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
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]	2.5	4.[illegible]	2.[illegible]	.[illegible]							1.[illegible]	7.4
NNE	.[illegible]	1.6	1.9	.6	.[illegible]							.[illegible]	2.[illegible]
NE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]							.[illegible]	2.6
ENE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]							.[illegible]	[illegible].7
E	.[illegible]	1.7	.5	.[illegible]	.[illegible]							.[illegible]	[illegible].7
ESE	.[illegible]	1.1	.[illegible]	.[illegible]								.[illegible]	5.6
SE	.[illegible]	1.4	.6	.[illegible]								.[illegible]	5.[illegible]
SSE	.[illegible]	1.[illegible]	.6	.[illegible]	.[illegible]							.[illegible]	[illegible].7
S	1.1	1.[illegible]	1.[illegible]	.[illegible]	.1	.[illegible]						.5	7.[illegible]
SSW	.[illegible]	1.7	2.3	1.[illegible]	.[illegible]							.[illegible]	6.5
SW	1.[illegible]	2.5	[illegible].5	2.[illegible]	.[illegible]							.4	7.[illegible]
WSW	.[illegible]	1.[illegible]	2.6	1.[illegible]	.[illegible]							.[illegible]	5.6
W	1.1	2.[illegible]	2.5	1.8	.[illegible]							.[illegible]	[illegible].[illegible]
WNW	1.[illegible]	1.[illegible]	1.[illegible]	.6	.[illegible]							.[illegible]	5.[illegible]
NW	.[illegible]	1.4	1.[illegible]	.[illegible]								.[illegible]	5.[illegible]
NNW	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								.[illegible]	5.[illegible]
VARBL		.[illegible]	[illegible].9	1.5	.[illegible]	.[illegible]						.[illegible]	[illegible].5
CALM												.[illegible]	
	15.[illegible]	24.[illegible]	32.4	14.[illegible]	1.[illegible]	.[illegible]						.[illegible]	.[illegible]

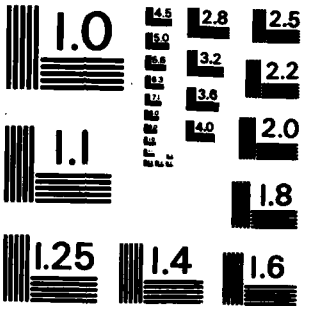
TOTAL NUMBER OF OBSERVATIONS [redacted]

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

AD-A140 248 LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84

UNCLASSIFIED USAFETAC/DS-84/008 SBI-AD-E850 824 F/G 4/2 NL

2/5



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) ---- (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.4	.8	.1								5.5	4.1
NNE	1.5	1.7	.2									3.4	3.9
NE	1.2	1.0	1.0									3.1	4.8
ENE	.5	.2	.4	.1								1.3	5.6
E	.5	1.2	.6									2.4	5.0
ESE	1.0	.9	.4									2.3	4.2
SE	2.0	2.2										4.2	3.6
SSE	1.9	2.7	.4									5.1	3.9
S	1.6	1.8	1.3	.3								5.1	5.5
SSW	1.3	1.8	5.2	1.3								9.6	7.6
SW	2.5	3.0	5.4	1.3	.2							12.4	6.7
WSW	2.2	3.7	2.4	.4								8.6	5.5
W	1.2	3.0	2.5									6.7	5.7
WNW	1.0	2.2	1.1	.3								4.5	5.4
NW	.6	.9	.8	.2								2.5	5.9
NNW	1.4	.8		.1								2.3	3.7
VARBL		.1	.3									.4	8.0
CALM												20.9	
	22.7	29.4	22.7	4.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.6	.8									5.5	4.2
NNE	1.4	1.1	.4									2.9	3.9
NE	1.3	.9	.2	.3								3.7	6.0
ENE	.5	.2	.4	.1								1.3	5.3
E	.1	1.0	.1									1.2	5.0
ESE	.9	1.0	.2									1.9	4.1
SE	.6	1.4	.2									2.3	4.2
SSE	1.8	1.5	.3									3.7	3.6
S	2.6	2.6	2.6	.5								8.3	5.7
SSW	3.1	1.7	4.3	1.2								10.3	6.9
SW	2.6	4.3	4.0	1.1								11.9	6.1
WSW	1.5	1.8	2.4	.4								6.1	5.9
W	1.6	3.5	2.2	.1								7.4	5.5
WNW	.8	1.2	1.8	.1								3.9	6.3
NW	.9	1.1	.8	.3								3.0	6.1
NNW	.5	.8	.6	.3	.1							2.4	7.0
VARBL			.2	.2								.4	10.3
CALM												23.9	
	22.3	26.6	22.5	4.7	.1							100.0	4.3

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)

03583I (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) ~~UNK~~ (GMT)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	2.4	.3								6.2	6.1
NNE	1.3	1.5	1.2	.1								4.1	5.4
NE	.9	.8	1.4	.5								3.6	6.9
ENE	.1	1.1	.1	.1								1.4	5.6
E	.3	.9	.5		.2							1.9	6.5
ESE	.4	.4	.5	.1								1.5	5.8
SE	1.2	.5	.1									1.8	3.1
SSE	.9	1.1	.9	.1								2.9	5.2
S	1.1	2.5	3.2	1.0								7.8	7.0
SSW	1.4	1.7	3.7	2.0								8.8	7.9
SW	2.2	2.4	4.5	1.8								10.9	7.0
WSW	1.3	2.6	3.3	1.4								8.6	7.3
W	1.5	3.1	3.3	1.0								8.9	6.5
WNW	1.3	2.3	3.4	1.0								8.0	6.9
NW	.8	1.7	2.4	.4								5.3	6.8
NNW	.8	1.4	.3	.3	.2							3.0	6.2
VARBL			2.9	1.8	.2							9.5	18.8
CALM												10.8	
	16.5	28.3	38.2	11.6	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 929

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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0930-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	3.3	1.4								6.7	8.1
NNE	.6	1.6	2.3	.8								5.3	7.2
NE	.2	.6	.5	1.0								2.4	8.6
ENE	.2	.6	.6	.4	.1							2.0	8.2
E	.8	.5	.9	.4								2.6	6.8
ESE	.9	.6	.5	.3								2.4	5.5
SE	.3	.4	.3	.1								1.2	5.6
SSE	.5	.3	.4	.2								1.5	6.4
S	.6	1.0	1.9	1.3								4.8	8.2
SSW	.9	1.1	3.1	3.0	.1							8.2	9.4
SW	.8	1.6	3.4	3.5	.1							9.5	9.4
WSW	1.1	1.4	2.9	2.9	.2							8.5	8.9
W	1.4	2.5	5.1	1.9								10.9	7.7
WNW	.4	2.0	3.4	1.4								7.3	7.9
NW	.4	1.9	2.8	.5								5.7	7.2
NNW	.8	2.3	.9	1.1								4.9	6.8
VARBL		.3	9.9	2.8	.4							13.4	9.7
CALM												2.8	
	10.8	20.0	42.4	23.1	1.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (EL 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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS)

1200-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.0	1.9								6.6	8.1
NNE	.4	1.0	2.2	1.1								4.6	8.2
NE	.4	.9	.4	.9								2.6	7.8
ENE	.2	.8	.6	.4								2.0	7.3
E	.2	1.6	.5	.4	.2							3.0	7.4
ESE	.2	.5	.2	.5								1.5	7.6
SE		.5	.3	.2								1.1	7.3
SSE	.3	.3	.3									1.0	5.9
S	.6	.6	1.5	1.2	.1							4.1	8.8
SSW		.3	1.8	2.6	.2							5.0	11.8
SW	.4	1.2	3.3	4.4	.3							9.7	10.9
WSW	.8	1.4	2.4	2.8	.2							7.5	9.6
W	1.4	2.7	5.1	4.1	.1	.2						13.6	8.9
WNW	.9	1.6	2.6	1.3	.1							6.5	7.8
NW	1.0	2.2	1.9	.3								5.4	6.3
NNW	.4	1.4	1.7	1.7								5.3	8.6
VARBL			11.8	6.0	.9							18.7	10.2
CALM												1.9	
	8.4	18.5	38.9	29.9	2.2	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM AWS 66 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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (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	1.0	1.6	3.3	2.7								8.6	8.5
NNE	.3	.9	3.0	1.1								5.3	8.5
NE		.4	.9	1.0								2.3	10.0
ENE	.2	1.1	.6	1.2								3.1	8.7
E	.4	.6	1.0	.5	.1							2.7	8.5
ESE	.5	.4	.3	.4								1.7	7.2
SE	.6	.6	.6	.2								2.2	5.7
SSE	.2	.4	.5	.3								1.5	7.3
S	.4	1.0	2.3	.9	.2							4.7	8.6
SSW		.8	1.3	2.9	.1							5.1	10.8
SW	.2	1.2	2.0	3.7	.5							7.6	10.8
WSW	.4	1.7	3.3	3.3	.1							8.9	9.8
W	1.0	2.4	6.9	3.2	.2	.1						13.8	8.9
WNW	1.7	1.9	2.8	.9								7.3	6.5
NW	1.1	2.3	2.0	.4								5.8	6.2
NNW	.9	1.4	1.1	1.0								4.3	7.3
VARBL	.1	.2	8.2	4.7	.3							13.5	10.1
CALM												1.6	
	9.1	18.9	40.2	28.4	1.6	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 80 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)

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	4.1	.5								8.8	6.8
NNE	.4	1.4	2.7	.8								5.3	7.6
NE	.4	1.3	2.3	1.0								4.9	7.9
ENE	.3	1.2	1.7	1.0								4.2	7.9
E	1.1	2.0	2.3	.6								6.0	6.5
ESE	.8	1.2	.6	.2								2.8	5.6
SE	1.4	1.5	1.3									4.2	5.1
SSE	1.1	1.7	1.0	.2								4.0	5.8
S	.5	1.2	1.6	1.1								4.4	8.0
SSW	.2	1.0	2.2	1.9								5.3	9.2
SW	.9	1.9	2.8	3.1	.5	.1						9.4	9.8
WSW	1.5	2.9	3.0	1.1								8.5	6.9
W	1.6	3.4	2.5	1.9	.1							9.6	7.2
WNW	1.4	2.0	2.2	.9								6.5	6.8
NW	.8	.6	1.4	.6								3.4	7.1
NNW	1.3	.5	.5	.9								3.2	6.7
VARBL			1.6	.8								2.4	9.5
CALM												7.2	
	15.2	26.7	33.7	16.6	.6	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.5	1.5	.1								6.1	4.7
NNE	1.5	1.5	1.1	.2								4.3	5.1
NE	2.3	2.2	1.3									5.5	4.7
ENE	1.3	1.1	1.3	.1								3.4	5.3
E	1.8	1.9	.3									4.1	4.1
ESE	1.1	2.5	.5									4.1	4.5
SE	2.3	2.7	.4									5.2	4.0
SSE	2.2	2.7	.4	.1								5.4	4.2
S	1.3	2.2	1.6	.9								5.9	6.6
SSW	.5	1.7	3.3	1.7								7.3	8.4
SW	1.1	3.3	4.1	1.6								10.1	7.3
WSW	1.1	2.6	1.3	.5								5.5	5.9
W	1.5	3.0	2.6	.1								7.2	5.6
WNW	.9	2.6	1.1	.1								4.6	5.4
NW	.6	1.1	.3	.6								2.7	6.4
NNW	1.1	.6	.2	.1								2.0	4.4
VARBL	.1		.2	.3								.6	9.5
CALM												15.9	
	21.8	34.1	21.6	6.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 66 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)

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	2.3	.9								6.7	6.5
NNE	.9	1.3	1.6	.5								4.4	6.5
NE	.8	1.0	1.1	.6								3.5	6.8
ENE	.4	.8	.7	.4	.0							2.4	7.0
E	.7	1.2	.8	.3	.1							3.0	6.3
ESE	.7	.9	.4	.2								2.3	5.3
SE	1.0	1.2	.4	.1								2.8	4.5
SSE	1.1	1.3	.5	.1								3.1	4.7
S	1.1	1.6	2.0	.9	.0							5.6	7.1
SSW	.9	1.3	3.1	2.1	.1							7.4	8.5
SW	1.3	2.4	3.7	2.6	.2	.0						10.2	8.2
WSW	1.2	2.3	2.6	1.6	.1							7.8	7.6
W	1.4	3.0	3.8	1.5	.1	.0						9.7	7.3
WNW	1.0	2.0	2.3	.7	.0							6.1	6.7
NW	.8	1.5	1.5	.4								4.2	6.6
NNW	.9	1.1	.7	.7	.0							3.4	6.7
VARBL	.0	.1	4.4	2.0	.2							6.8	10.0
CALM												10.6	
	15.8	25.0	32.0	15.6	.8	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7838

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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.3	.4	.1								3.9	3.9
NNE	2.6	.8	.2	.1								3.7	3.2
NE	1.9	.3	.6	.4								3.8	5.0
ENE	1.1	.5	1.0									2.6	4.9
E	1.3	1.8	.5	.2								3.9	4.6
ESE	1.8	1.6										3.4	3.5
SE	1.8	1.2	.4									3.4	3.8
SSE	2.7	.6	.4	.3								4.1	4.2
S	2.7	2.6	1.7	.8	.8							8.5	6.7
SSW	1.3	1.6	2.9	1.4								7.2	7.3
SW	1.4	2.9	4.2	.8	.2							9.5	7.2
WSW	.4	1.5	1.1	.4	.2							3.7	7.4
W	1.6	1.7	1.9	.1								5.4	5.3
WNW	.6	.8	.5	.3								2.3	6.3
NW	.5	1.0	.6									2.2	5.2
NNW	1.0	.5	.6									2.2	5.0
VARBL			.3									.3	9.0
CALM												30.2	
	29.8	21.2	17.6	4.9	1.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF AC FORM AA 64 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 77-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.2	.3									3.0	3.9
NNE	2.3	.4	.3									3.0	3.2
NE	1.9	1.1	.3	.3								3.7	4.4
ENE	1.1	.4	.6	.1								2.3	4.9
E	1.0	1.6	.6									3.2	4.7
ESE	1.2	.8	.5									2.5	4.2
SE	1.7	1.4	.3									2.7	4.2
SSE	2.3	1.7	.4	.3								4.7	4.5
S	3.2	2.3	1.7	.3	.5							8.1	5.8
SSW	.8	2.7	3.7	1.2	.1							8.4	7.7
SW	1.4	1.8	2.6	.6								6.5	6.6
WSW	1.3	1.6	1.1	.2	.1							4.3	5.7
W	1.6	2.4	1.4	.2								5.6	5.4
WNW	.5	1.3	.5	.1								2.5	5.3
NW	1.3	.3	.2	.2								2.0	4.3
NNW	.6	1.1	.3									2.0	4.6
VARBL			.4									.4	8.3
CALM												35.2	
	22.9	22.0	15.5	3.7	.8							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03983 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2600-2800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.4	1.1	.1								4.2	4.8
NNE	1.5	.9	.3	.6								3.3	5.4
NE	1.4	1.2	.5	.4								3.5	5.2
ENE	1.1	1.1	.5	.1								2.7	4.6
E	1.3	1.5	1.2	.3								4.2	5.8
ESE	.5	1.2	.6		.1							2.3	5.5
SE	1.3	.4	.9									2.6	4.1
SSE	1.1	1.1	1.3	.3	.3							4.1	6.9
S	1.9	1.9	2.2	.6	.2	.1						7.0	6.8
SSW	1.0	1.6	3.3	1.4	.2	.1						7.6	8.3
SW	2.5	1.8	2.9	2.0								9.2	7.2
WSW	1.9	2.6	2.0	.8								7.3	6.0
W	1.9	3.2	2.8	.5								8.5	5.8
WNW	1.7	1.3	1.7	.4								5.2	6.0
NW	.9	1.3	1.4									3.5	5.9
NNW	1.8	.8	.4									3.0	3.5
VARBL			.6	.3								1.0	9.1
CALM												1.0	
	23.1	22.9	23.9	8.1	.9	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	1.4	.8								6.2	6.1
NNE	1.3	1.7	1.1	.4	.1							4.6	6.5
NE	.9	1.4	.5	.8	.1							3.7	6.6
ENE	.6	1.7	1.1	.1								3.5	5.5
E	.5	1.9	1.3	.4	.3							4.5	7.4
ESE	.6	.6	.6	.3								2.3	6.2
SE	1.4	.5	.4	.1								2.5	4.1
SSE	.6	1.2	.9	.1								2.9	5.6
S	.9	2.0	1.5	1.0								5.4	7.0
SSW	1.0	1.2	1.9	3.0	.2		.1					7.4	9.7
SW	1.6	.9	3.3	3.0	.6	.2						9.7	9.6
WSW	.4	2.0	1.8	1.4	.2							5.9	8.5
W	2.4	2.9	4.2	1.8								11.3	7.0
WNW	.9	3.0	2.6	1.0								7.4	6.9
NW	.9	2.0	1.0	.4								4.3	6.5
NNW	1.2	1.9	1.5	.5								5.2	6.2
VARBL			6.0	2.3	.2							8.5	9.8
CALM												4.8	
	16.5	28.0	31.2	17.4	1.8	.2	.1					100.0	7.1

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)

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1200-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	2.7	.8	.1							6.9	7.0
NNE	.9	1.1	1.0	.4	.1							3.4	6.5
NE	.3	1.0	.8	1.0	.3							3.3	9.0
ENE	.4	1.3	1.1	.1								2.9	6.1
E	1.0	1.7	.8	.8	.4							4.6	7.6
ESE	.5	1.3	.6	.2								2.7	5.8
SE	.5	1.1	.3	.2								2.2	5.8
SSE	.3	.6	1.2	.1								2.3	7.0
S	.6	1.2	1.4	1.2	.2							4.6	8.8
SSW	.5	1.3	2.5	1.9	.1	.1	.1					6.6	9.9
SW	.6	1.8	2.8	2.9	.9	.3						9.4	10.9
WSW	.5	1.1	3.6	1.8	.2							7.2	9.0
W	2.0	3.1	3.6	3.2	.1							12.1	7.8
WNW	1.0	2.8	2.3	1.0								7.0	6.6
NW	.9	1.8	1.4									4.1	5.7
NNW	.5	2.2	2.5	.2								5.9	6.6
VARBL			7.9	4.4	.3	.1						12.7	10.5
CALM												2.7	
	12.1	25.4	36.2	20.2	2.8	.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	2.6	1.2	.1							8.2	7.1
NNE	1.1	1.0	1.4	.4	.1							4.0	7.1
NE	.2	1.2	1.1	1.4								3.9	8.8
ENE	.6	1.1	1.7	1.1								4.5	7.9
E	.5	.8	2.6	1.3	.2							5.4	8.7
ESE	.6	1.1	.8	.4								2.9	6.3
SE	.5	1.1	1.1		.2							2.9	6.8
SSE	.2	.3	1.7	.2								2.5	7.1
S	.9	.6	1.6	1.2	.2							4.5	8.6
SSW	.6	1.1	1.8	2.2	.9							6.6	10.3
SW	.2	1.2	2.6	3.9	.9							8.7	11.2
WSW	.5	1.6	2.7	2.3		.3						7.4	9.7
W	1.0	2.6	4.5	1.9	.2							10.2	8.0
WNW	1.1	2.0	2.6	.6								6.3	6.8
NW	1.4	2.5	.8	.2								4.8	5.0
NNW	.5	1.5	1.2	.4								3.7	6.6
VARBL			6.5	3.4	.3							10.2	10.0
CALM												3.3	
	11.4	22.6	37.1	22.2	3.1	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AM 64 0-8-5 (GL 4) 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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1830-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	1.6	.6								7.7	5.2
NNE	1.2	2.9	1.3	.4								5.8	5.6
NE	.9	2.8	1.7	.6								6.0	6.4
ENE	1.3	1.9	2.5	.4								6.1	6.2
E	1.6	4.0	2.0	1.2								8.8	6.3
ESE	.6	3.3	1.5	.2								5.7	5.9
SE	.8	2.0	.9	.2								3.9	5.5
SSE	.3	1.5	1.1	.1								3.0	6.0
S	.8	1.7	1.6	1.0								4.3	7.8
SSW	.9	1.3	2.8	2.2	.2							7.3	9.1
SW	.9	2.0	2.8	1.6	.1	.2						7.6	8.2
WSW	.5	1.9	3.0	1.0	.1							6.6	7.9
W	.8	2.7	3.2	.5								7.2	6.8
WNW	1.2	1.8	.4	.2	.1							3.8	5.3
NW	1.5	.5	.1	.1								2.3	3.7
NNW	.5	1.2	.5	.1								2.4	5.3
VARBL			.8	.3								1.1	10.9
CALM												10 *	
	16.8	33.3	27.8	10.9	.5	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.2	.6									4.5	3.5
NNE	2.4	1.9	.3									4.6	3.8
NE	3.1	1.7	.4	.4								5.7	4.3
ENE	1.2	1.8	1.0									4.1	4.9
E	1.6	2.5	1.4	.5								6.0	5.4
ESE	2.0	2.5	.8									5.3	4.3
SE	1.6	3.0	.8	.1								5.5	4.7
SSE	1.9	2.0	.5	.6								4.5	5.4
S	1.6	1.6	1.8	1.0	.3							6.3	7.1
SSW	.6	2.3	4.0	.6								7.5	7.3
SW	1.7	2.0	3.8	1.1	.1							8.7	7.3
WSW	1.1	1.0	.8	.3	.1							3.2	6.0
W	1.1	1.5	1.8	.5								4.9	6.8
WNW	.9	.5	.6	.5								2.6	6.5
NW	1.3	.8	.1									2.2	3.4
NNW	.2	.6	.3									1.2	5.9
VARBL			.1	.1								.2	9.5
CALM												23.0	
	29.9	27.0	19.1	5.9	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	1.3	.4	.0							5.6	5.5
NNE	1.6	1.3	.7	.3	.0							4.1	5.2
NE	1.3	1.4	.8	.7	.1							4.2	6.1
ENE	.9	1.2	1.2	.2								3.6	5.8
E	1.1	2.0	1.3	.6	.1							5.1	6.5
ESE	1.7	1.5	.7	.1	.0							3.9	5.2
SE	1.1	1.3	.6	.1	.0							3.2	4.9
SSE	1.1	1.1	.9	.3	.0							3.5	5.7
S	1.6	1.7	1.7	.9	.3	.0						6.1	7.1
SSW	.8	1.6	2.9	1.7	.2	.0	.0					7.3	8.6
SW	1.3	1.8	3.1	2.0	.3	.1						8.7	8.5
WSW	.8	1.7	2.0	1.0	.1	.0						5.7	7.8
W	1.5	2.5	2.9	1.1	.0							8.1	6.8
WNW	1.0	1.7	1.4	.5	.0							4.6	6.9
NW	1.1	1.3	.7	.1								3.2	5.2
NNW	.8	1.2	.9	.2								3.1	5.7
VARBL			2.8	1.4	.1	.0						4.3	14.1
CALM												16.3	
	19.2	25.3	26.1	11.7	1.5	.2	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM AIR 94 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)

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6	.3									2.2	4.0
NNE	1.0	.8	.1									1.9	3.5
NE	.8	.2	.3									1.3	4.2
ENE	.6		.1	.2								.9	5.9
E	1.2	1.1	.8	.3	.1							3.6	5.8
ESE	1.9	2.8	.6	.2								5.3	4.9
SE	2.0	2.4	1.1	.2								5.8	4.7
SSE	2.9	1.7	1.0	.7		.1						6.3	5.1
S	2.9	2.8	3.9	2.3	.2							12.1	7.4
SSW	1.1	2.7	4.0	1.7	.2	.1						9.8	8.1
SW	1.2	2.2	2.7	1.8	.4							8.4	8.4
WSW	1.0	1.2	1.7	2.3	.4							6.7	9.2
W	1.8	1.7	1.1	.4								5.0	5.2
WNW	1.3	1.1	.4	.3								3.1	5.1
NW	.8	.3	.8	.4								2.3	6.8
NNW	1.2	.3	.2									1.8	2.9
VARBL			.8	.2	.2							1.2	10.5
CALM												22.2	
	22.9	21.8	19.9	11.2	1.7	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.4									2.3	3.7
NNE	.4	.6										1.0	3.4
NE	.3	.4	.2									1.0	4.4
ENE	.2	.3	.4									1.0	5.8
E	1.3	2.1	1.1	.3								4.9	5.9
ESE	1.6	1.6	.2	.2								3.6	4.3
SE	1.8	2.4	.9	.2								5.3	4.8
SSE	2.8	3.3	1.7	1.1								8.9	5.6
S	2.6	2.6	4.1	1.1	.2							10.6	6.8
SSW	3.1	2.1	3.2	2.1	.2	.2						11.0	7.4
SW	1.0	2.8	2.9	1.9	.2							8.8	7.9
WSW	1.9	1.4	1.8	1.3	.2	.1						5.9	8.4
W	2.0	1.2	.4	.6								4.2	5.2
WNW	.9	.3	.4	.4	.1							2.2	6.7
NW	1.0	.7	1.3	.3								3.3	6.3
NNW	1.3	.3	.1									1.8	2.8
VARBL			.7	.3	.3							1.3	11.8
CALM												22.9	
	22.7	22.8	20.0	10.0	1.3	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.7									2.6	4.7
NNE	.7	.3										1.0	3.2
NE	1.7	.4	.2									1.7	3.7
ENE	.7	.2	.6	.1								1.1	6.6
E	.9	1.7	.9	.6	.2							3.6	7.1
ESE	.9	1.7	.8	.1								3.4	5.5
SE	2.1	2.6	1.1	.4								6.1	5.3
SSE	2.4	2.7	1.6	1.4								7.7	6.3
S	1.7	3.4	3.9	1.8	.1							10.9	7.1
SSW	3.1	2.1	3.8	2.1	.7	.1						11.5	7.3
SW	1.6	2.6	3.1	2.4	.4							10.1	8.8
WSW	1.1	1.3	2.8	1.7	.2							7.1	8.8
W	1.8	2.1	2.4	.7	.2							7.1	6.6
WNW	.7	1.4		.4	.1	.1						2.8	7.1
NW	1.0	.5	1.2	.1								3.1	5.8
NNW	1.1	.4	.1									1.7	3.1
VARBL		.1	1.2	.9	.2							2.4	11.1
CALM												16.1	
	21.4	23.4	24.4	12.8	1.8	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03583 (STATION) LAKENHEATH RAF UK (STATION NAME) 71-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.4	.2								3.9	6.2
NNE	.3	.7	.4									1.4	5.5
NE	.4	.4	.6	.1								1.6	5.7
ENE	.1	.7	.6	.3								1.7	7.7
E	.7	.8	.8	.8								3.2	7.3
ESE	.3	1.2	.3	.3								2.2	6.8
SE	.4	1.2	1.2	.6	.1	.1						3.7	7.9
SSE	.8	1.3	1.6	1.4	.2							5.3	8.5
S	.8	1.2	2.8	2.9	1.1	.2						9.0	10.8
SSW	1.0	1.7	4.4	3.8	.6							11.4	9.6
SW	1.0	1.6	3.9	4.7	.4	.4						12.0	10.3
WSW	1.7	1.3	3.2	2.7	.6							9.4	8.9
W	1.3	2.4	3.2	2.6	1.0	.4						11.0	9.7
WNW	1.0	1.3	1.7	1.1		.1						5.2	7.6
NW	.7	1.8	1.2	.3	.1							4.1	6.5
NNW	1.0	1.0	.9	.3	.1							3.3	6.3
VARBL		.1	5.6	2.3	.3							8.3	9.8
CALM												3.3	
	12.3	20.2	33.8	24.4	4.6	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.9	.6	.2							4.3	8.0
NNE	.7	.9	.3									1.9	6.9
NE	.4	1.0	.6									2.0	5.3
ENE		.2	.3									.6	8.0
E	.3	.8	1.3	1.1	.1							3.7	9.2
ESE	.1	.6	.3	.2								1.2	7.0
SE	.3	.4	.4	.7	.8							2.3	10.2
SSE	.4	.7	.9	.6	.4	.1						3.1	9.9
S	.4	1.8	3.0	4.1	1.0	.2						10.6	10.9
SSW	.6	1.6	2.1	3.3	.6	.3						8.5	10.8
SW	.9	1.7	2.8	7.1	1.3	.2						13.7	11.5
WSW	.3	2.1	2.9	3.0	1.2	.2						9.8	10.9
W	.7	3.1	3.3	3.6	.3	.4						11.5	9.7
WNW	1.3	2.1	2.1	1.3	.1							7.2	7.1
NW	.6	1.9	1.1	.4								4.2	6.6
NNW	.7	1.7	1.3	.3	.1	.1						4.2	6.9
VARBL		.1	6.8	2.8	.2							9.9	9.8
CALM												1.8	
	8.2	21.8	31.3	29.1	6.1	1.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	2.2	.7	.1							5.4	7.1
NNE	.8	1.1	.3									2.2	4.5
NE	.4	1.0	1.0	.1								2.6	6.1
ENE	.7	.3	.4	.4								1.9	6.7
E	.3	1.4	1.8	.7								4.2	7.3
ESE	.4	1.0	.3	.4								2.2	6.7
SE	.1	1.3	1.8	.9								4.1	8.4
SSE	.3	.9	1.6	.8								3.6	8.3
S	.9	2.0	3.7	2.7	.3	.1	.1					9.8	9.4
SSW	.6	1.4	2.9	2.6	.7	.4						8.6	10.4
SW	.4	.9	3.3	5.3	.4	.1						10.6	10.9
WSW	1.2	1.1	3.2	3.8	.6	.1						10.0	9.8
W	1.9	3.7	3.9	2.3	.4	.1						12.3	7.9
WNW	1.9	1.6	2.1	1.2	.2	.1						7.1	7.2
NW	1.0	1.6	.8	.3								3.7	5.6
NNW	.7	1.4	1.1	.6								3.8	6.6
VARBL			3.6	1.2	.3							5.1	10.0
CALM												2.9	
	12.9	22.0	34.0	24.0	3.1	1.0	.1					100.0	8.3

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)

235831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2200 (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	2.0	1.7	.6	.2								4.4	8.3
NNE	1.4	.6	.1									2.1	2.9
NE	1.9	1.1	.6									3.6	4.0
ENE	.9	.6	1.2									2.7	5.7
E	1.4	2.1	1.3	.3								5.2	5.6
ESE	2.3	2.6	1.1	.2	.1							6.3	5.2
SE	2.0	3.3	1.8	.2	.1	.1						7.6	5.5
SSE	2.0	1.7	2.0	.8								6.4	6.1
S	.8	1.8	3.8	1.7	.1							8.1	8.2
SSW	.4	1.9	3.1	1.7	.2	.2	.1	.1				7.8	9.7
SW	1.4	1.8	2.1	2.3	.3	.1						8.1	9.7
WSW	1.1	2.2	2.0	2.0	.1							7.4	7.8
W	1.7	2.3	2.2	1.1								7.3	6.7
WNW	.7	1.6	1.3	.4	.1							4.1	6.8
NW	.6	.3	.8		.1							1.8	6.6
NNW	.9	.3	.7	.4								2.3	6.3
VARBL		.1	.6	.6								1.2	10.8
CALM												13.4	
	21.6	25.9	25.2	12.0	1.2	.4	.1	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 970

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] LAKENHEATH RAF UK 77-82 [illegible]
STATION STATION NAME YEARS HOURS

ALL WEATHER 1200-2100
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.8										2.6	2.9
NNE	1.3	1.1	.2									2.7	3.8
NE	1.2	.7	.1									2.0	3.4
ENE	.6	.2	.6									1.3	5.6
E	1.7	1.7	.9	.8								4.3	6.6
ESE	1.[illegible]	2.9	1.8	.1								5.8	5.9
SE	1.7	3.3	1.1	.4		.1						6.7	5.5
SSE	1.4	1.7	1.7	1.1	.1	.1						6.1	6.1
S	1.6	2.6	3.2	3.1	.7							11.2	8.0
SSW	.6	1.7	3.2	2.[illegible]	.3	.1	.1					8.2	9.2
SW	.9	2.8	2.3	1.[illegible]	.2	.1						7.3	7.9
WSW	.6	.9	2.0	2.4	.2							6.1	9.7
W	1.3	2.4	1.6	.8								6.1	6.2
WNW	1.1	1.1	.3	.3								2.9	5.1
NW	.6	.3	.9	.2								2.1	6.9
NNW	.9	.4	.6	.3								2.2	5.9
VARBL			.9	.6								1.4	12.6
CALM												19.8	
	19.4	24.6	21.3	13.2	1.1	.4	.1					100.1	5.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (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	1.3	1.2	.9	.2	.0							3.5	5.5
NNE	.8	.8	.2									1.8	4.0
NE	.8	.7	.4	.0								2.0	4.6
ENE	.4	.3	.5	.1								1.4	6.4
E	.9	1.4	1.1	.6	.1							4.1	6.8
ESE	1.1	1.8	.7	.2	.0							3.8	5.4
SE	1.3	2.1	1.2	.5	.1	.0						5.2	6.0
SSE	1.9	1.7	1.5	1.0	.1	.0						6.2	6.6
S	1.4	2.3	3.5	2.5	.4	.1	.0					10.2	8.5
SSW	1.3	1.9	3.3	2.4	.4	.2	.0	.0				9.6	8.9
SW	1.1	2.0	2.8	3.3	.5	.1						9.9	9.5
WSW	1.0	1.5	2.4	2.4	.4	.1						7.8	9.2
W	1.6	2.4	2.3	1.5	.3	.1						8.1	7.7
WNW	1.1	1.3	1.1	.7	.1	.0						4.3	6.8
NW	.8	1.0	1.0	.3	.0							3.0	6.3
NNW	1.0	.8	.6	.3	.0	.0						2.6	5.6
VARBL		.1	2.5	1.1	.2							3.9	10.1
CALM												12.8	
	17.7	22.8	26.2	17.1	2.6	.7	.0	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7196

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)

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.1									2.7	3.8
NNE	.8	1.6	1.0									3.3	5.5
NE	1.5	.9	.6	.1								3.1	5.0
ENE	.9	.5										1.4	3.0
E	1.9	2.7	1.2									5.8	4.6
ESE	1.7	1.3	1.0									4.0	4.6
SE	2.0	3.1	1.1	.3								6.6	5.0
SSE	2.0	3.7	1.7	.6	.1							8.2	5.8
S	1.7	2.3	1.6	1.1								6.7	6.6
SSW	.5	2.4	1.6	2.3	.6							7.4	9.2
SW	1.5	1.8	2.0	1.8	.4	.1	.2					8.0	8.8
WSW	.4	1.8	2.6	1.3	.1							6.2	8.5
W	.6	1.6	1.5	1.2	.2	.1						5.3	8.4
WNW	.5	1.1	1.0	.5	.3							3.4	8.0
NW		.6	2.3	1.1	.2							4.2	9.8
NNW	.5	.1	.1	.9								1.6	8.3
VARBL			1.1	.5								1.6	10.5
CALM												20.5	
	18.0	26.9	20.9	11.7	2.0	.2	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	.5	.1								2.4	5.0
NNE	1.2	1.6	.9	.2								3.9	5.3
NE	1.3	1.7	.3									2.6	3.9
ENE	.8	1.3										2.2	3.7
E	2.2	1.9	1.1									5.2	4.5
ESE	1.2	2.2	1.8	.3								5.4	5.8
SE	2.7	2.5	1.3	.1								5.9	5.0
SSE	1.7	2.8	2.2	.9								7.5	6.0
S	1.8	2.4	1.4	1.0	.5							7.1	7.1
SSW	1.5	2.4	1.5	2.7	.2							8.3	8.1
SW	.5	1.8	2.7	1.3	.5							6.9	8.6
WSW	1.1	1.7	2.3	1.2	.1	.1						5.7	8.1
W	.6	1.2	2.4	1.3	.4	.1						6.0	9.2
WNW	.6	.8	.9	.3	.2							2.8	7.3
NW	.3	.8	2.0		.3							3.4	7.6
NNW	.3	.5	.2	.8	.2							2.0	9.3
VARBL			1.0	.5								1.5	10.6
CALM												21.3	
	18.1	28.8	22.4	10.7	2.6	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 77-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	.8	.1	.2							3.0	6.8
NNE	1.4	.9	1.2									3.4	5.0
NE	1.0	.9	.4	.2	.2							2.7	6.1
ENE	.8	.6	.1									1.5	3.6
E	2.0	2.2	1.7	.2								6.1	5.1
ESE	.9	2.0	1.3	.2								4.4	5.6
SE	1.9	2.3	2.4	.8								7.3	6.3
SSE	1.7	2.9	2.4	.4	.1							7.5	6.0
S	2.2	3.3	1.3	1.4	.5							8.7	6.9
SSW	1.4	1.9	1.9	2.9	.3							8.5	8.9
SW	1.5	1.8	1.7	1.2	.4							6.7	7.5
WSW	1.1	1.1	2.4	1.5								6.2	7.8
W	1.3	1.3	2.3	1.3	.1	.1						6.3	8.2
WNW	.9	1.1	1.2	.8	.2							4.1	7.9
NW	.2	.8	1.2	.3	.3							2.8	8.8
NNW	.4	.4	.5	.3	.1							1.8	7.6
VARBL			.8	.2	.4							1.4	12.4
CALM												17.6	
	19.2	24.7	23.4	11.8	3.0	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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)

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (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	.9	.8	1.2	.9	.3							3.9	8.8
NNE	.2	.8	1.2	.5	.1							2.8	8.2
NE	.4	.5	1.0	.8	.1							2.5	8.0
ENE	.4	.6	.8	.2								2.0	6.3
E	.4	2.0	1.8	1.1	.1	.1						5.6	8.1
ESE	.4	1.6	2.3	.4	.1	.1						4.9	7.7
SE	1.2	1.2	1.5	1.0								4.8	6.9
SSE	.4	1.8	2.3	1.6	.1							6.2	8.6
S	1.0	3.3	3.8	1.6	.3							10.0	7.9
SSW	.5	1.8	2.4	2.4	1.6	.3						9.0	11.2
SW	1.2	1.3	2.3	1.3	1.4	.2						7.6	10.3
WSW	.9	1.0	1.7	2.2	.1	.2						5.9	9.6
W	1.6	1.2	3.0	2.5	.9	.2						9.9	9.3
WNW	1.3	.6	1.9	1.1	.6							5.6	8.7
NW	.3	.4	1.6	2.2	.5							5.1	11.1
NNW	.4	.8	.6	.5								2.4	7.5
VARBL			2.5	2.0	.4	.1						5.1	11.8
CALM												7.2	
	11.9	19.8	31.7	21.8	6.8	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

C35931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	1.9	1.8	.2							6.5	8.3
NNE		.1	1.0	.8	.2							2.0	11.1
NE	.1	.3	.5	.6	.1							1.7	9.3
ENE		.1	.2	.8								1.1	10.7
E	.6	1.5	1.5	1.7								5.4	8.3
ESE	.9	1.2	1.3	1.6	.3							5.3	8.6
SE	.3	1.6	2.7	1.5	.2							6.3	8.9
SSE	1.3	1.5	2.2	1.0	.1							5.7	7.7
S	.2	2.8	3.2	2.3	.1							8.6	8.7
SSW	.4	1.5	2.5	3.3	1.3	.2						9.2	11.4
SW	.5	1.4	1.5	2.3	1.1	.3						7.1	11.2
WSW	.3	1.1	1.6	2.0	.4	.3						5.8	11.0
W	1.6	2.4	2.0	3.3	1.1	.1						10.5	9.7
WNW	.5	1.5	1.7	1.7	.3							5.8	8.8
NW	.9	.9	1.3	2.0	.5	.2						5.8	10.4
NNW	1.1	1.1	1.4	1.4	.1							5.1	8.2
VARBL			2.5	2.9	.8							6.1	11.9
CALM												1.9	
	9.8	20.1	29.0	31.1	6.9	1.2						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	2.2	2.0	.1							8.7	7.1
NNE	.9	.4	.6	.6								2.6	6.7
NE	.2	.5	.8	.2								1.7	7.5
ENE	.4	.8	1.0	.2								2.4	6.4
E	1.4	1.7	1.6	.4								5.2	5.9
ESE	1.1	2.2	1.5	1.4	.1							6.2	7.1
SE	1.1	2.7	1.6	.6	.3							6.3	7.0
SSE	1.3	2.2	1.5	.9								5.8	6.5
S	1.3	2.9	3.9	2.3	.1	.1						10.5	8.0
SSW	.4	.9	1.1	2.0	.8	.1						5.3	11.0
SW	.9	1.2	2.0	2.5	.4							7.0	9.5
WSW	.9	1.2	1.8	1.2	.5							5.6	8.8
W	.9	1.3	1.8	2.8	.2	.1						7.1	9.3
WNW	1.3	1.3	1.9	1.3	.4							6.2	8.2
NW	1.1	1.2	1.1	.9	.3							4.5	7.6
NNW	.6	.8	1.4	.8								3.5	7.6
VARBL			1.2	1.8	.3							3.3	11.8
CALM												8.0	
	15.6	23.5	27.0	21.9	3.7	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

'35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3	1.5	.2	.1							5.1	5.4
NNE	1.4	1.1										2.5	3.7
NE	1.5	1.4	1.0									3.9	4.7
ENE	.6	.6	.4									1.7	4.5
E	2.4	2.2	1.9	.1								6.6	5.0
ESE	1.2	2.9	1.2		.1	.1						5.5	5.5
SE	2.8	3.0	1.6	.5	.1	.1						8.2	5.3
SSE	1.3	3.0	1.9	.5								6.8	6.0
S	1.3	1.8	3.1	1.6		.3						8.2	8.3
SSW	.7	1.4	2.0	1.7	.6	.1	.1					6.2	10.2
SW	.8	1.7	1.4	1.6	.2							5.7	8.5
WSW	1.2	1.5	1.1	1.5								5.3	7.2
W	.8	1.3	3.0	1.3	.1							6.5	8.1
WNW	.2	.5	1.4	.8	.3							3.2	9.2
NW	.5	.6	1.2	.6								3.0	7.9
NNW	.9	.4	.8	.3								2.4	6.0
VARBL		.1	1.1	1.0		.1						2.3	11.2
CALM												17.2	
	18.9	24.9	24.6	11.8	1.6	.8	.1					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

235831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	.6									2.8	4.2
NNE	2.8	.9	.9	.1								4.2	4.2
NE	.9	.9	.8	.1								2.6	5.2
ENE	.4	.8	.2	.1								1.5	4.9
E	1.5	1.7	.8									4.0	4.5
ESE	1.4	2.4	1.0			.1						4.8	5.1
SE	1.9	2.8	1.2	.5	.2							6.7	5.7
SSE	2.5	3.1	1.5	.3								7.4	4.9
S	1.4	3.8	2.6	1.8	.1	.2						9.9	7.5
SSW	.5	1.9	1.5	1.9			.1					6.0	8.9
SW	.8	2.5	2.5	1.8	.6	.1	.2					8.5	9.3
WSW	.6	1.2	2.4	1.0	.1							5.3	7.7
W	.3	2.0	2.2	1.3	.2	.1						6.2	8.7
WNW	.1	1.0	1.2	.6	.2							3.1	9.3
NW	.5	.3	1.2	1.1								3.1	8.6
NNW	.2	.8	.3	.6								1.9	7.8
VARBL			1.5	.6		.1						2.3	10.4
CALM												19.9	
	16.7	26.8	22.2	12.0	1.5	.6	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.1	.6	.1							4.4	6.5
NNE	1.7	.9	.8	.3	.1							3.1	5.9
NE	.9	.8	.7	.2	.1							2.6	5.9
ENE	.5	.7	.3	.2								1.7	5.3
E	1.6	2.0	1.5	.4	.1	.1						5.5	5.8
ESE	1.1	1.9	1.4	.5	.1	.1						5.1	6.3
SE	1.7	2.4	1.7	.7	.1	.1						6.5	6.2
SSE	1.5	2.6	1.9	.8	.1							6.9	6.4
S	1.4	2.8	2.6	1.6	.2	.1						8.7	7.7
SSW	.7	1.8	1.8	2.4	.7	.1	.1					7.5	9.9
SW	1.0	1.7	2.1	1.7	.6	.1	.1					7.2	9.2
WSW	.8	1.2	2.0	1.5	.2	.1						5.7	8.6
W	1.0	1.5	2.3	1.9	.4	.1						7.1	8.9
WNW	.7	1.0	1.4	.9	.3							4.3	8.4
NW	.5	.7	1.5	1.0	.3	.1						4.0	9.2
NNW	.6	.6	.7	.7	.1							2.6	7.8
VARBL		.1	1.4	1.2	.2	.1						2.9	11.5
CALM												14.2	
	16.0	23.9	25.1	16.6	3.5	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.7	.5	.2								3.3	4.2
NNE	.5	.7	.5									1.6	5.1
NE	.5	.3	.6		.2							1.6	7.4
ENE	.1	.5	.2	.2	.1							1.1	8.2
E	.1		.9	.3								1.4	8.5
ESE	.2	.5	.5	.1								1.2	6.5
SE	1.2	1.0	.7	.2								4.1	5.1
SSE	1.7	2.4	1.4	.8	.1							6.3	6.1
S	2.4	2.4	3.2	2.1	.6							11.0	7.4
SSW	2.3	2.4	3.5	6.9	.9	.2						16.1	9.9
SW	.6	2.7	5.2	6.4	.3	.3	.1					15.7	11.3
WSW	1.1	1.5	2.0	2.5	.5							7.5	9.2
W	1.2	1.6	2.5	.9		.1						6.3	7.3
WNW	.5	.7	.9	.8								2.8	7.8
NW	.2	.3	.3	.3	.3							1.6	10.7
NNW	1.0	.3	.3									1.7	4.1
VARBL			.6	.8	.5	.2						2.0	14.1
CALM												14.8	
	15.9	18.7	23.5	22.6	3.5	.9	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 888

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)

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.8	1.1									3.6	4.7
NNE	.5	1.1		.1								1.7	4.9
NE	.7		.1	.2	.1	.1						1.2	7.9
ENE	.3	.3	.1	.3		.1						1.2	3.8
E	.1	.8	.3	.3								1.6	7.3
ESE	.6	.6	.3									1.5	4.5
SE	1.7	1.1	.8	.5								4.1	5.7
SSE	1.0	2.9	2.1	.8	.1							7.0	6.6
S	2.3	2.1	2.4	3.4	1.5							11.4	9.4
SSW	1.2	1.8	3.6	5.6	1.1							13.4	10.3
SW	.9	3.3	5.1	6.0	.9	.2						16.3	10.1
WSW	.7	1.3	2.4	2.1	.5	.3						7.0	10.3
W	.5	.9	2.1	1.5	.1	.1						5.2	9.4
WNW	.5	.5	1.4	.3	.1							2.7	7.8
NW	.1	.5	.8	.8	.3							2.5	10.7
NNW	.6	.8	.2	.2								1.8	5.1
VARBL			.7	.7	.3	.1						1.8	13.0
CALM												16.1	
	13.3	18.5	23.5	22.9	5.1	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.1	.3	.1								3.3	4.2
NNE	.8	.9	.3									2.0	4.4
NE	.5	.5	.1	.1	.2							1.4	7.1
ENE	.2	.3	.1	.2		.2						1.1	10.5
E	.6	.2	.7	.2								1.7	6.7
ESE	.5	1.4	.8									2.7	5.5
SE	1.2	2.7	.9	.2								4.8	5.5
SSE	.9	1.8	1.7	.7								5.1	6.8
S	2.4	2.9	4.5	3.3	.5	.1						13.5	8.3
SSW	1.9	2.4	3.8	6.3	1.2	.2						15.9	10.1
SW	.9	.9	4.5	5.5	.5	.1						12.4	10.3
WSW	.2	.8	2.6	2.1	.5							6.2	10.4
W	.9	.8	2.3	1.8	.5	.2						6.4	10.2
WNW	.1	1.2	1.1		.1							2.4	6.9
NW	.6	1.2	.9	1.5	.2							4.2	9.2
NNW	.7	.5	.7	.5								2.3	6.9
VARBL			.2	.7	.2	.1						1.2	14.4
CALM												13.4	
	13.9	19.1	25.6	23.2	3.8	1.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 888

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.3	.6	.1								.1	5.7
NNE	.7	.7	.5									1.9	4.7
NE	.7	.5	.3	.3		.2						1.6	9.7
ENE	.7	.3	.1	.2	.2	.1						1.1	12.6
E		.6	.7	.2								.5	8.3
ESE	.6	.5	1.1	.2								2.4	6.7
SE	1.1	1.6	1.2	.8								4.7	6.4
SSE	1.1	1.9	2.0	.8	.1							6.0	6.8
S	.8	1.0	3.4	3.2	1.0	.3						10.5	12.1
SSW	1.7	1.4	4.2	3.9	2.1	.5						17.7	12.9
SW	.8	.7	3.7	7.0	1.6	.2						14.0	11.6
WSW	.9	.2	3.0	3.5	.8	.2						8.7	11.2
W	.7	1.4	2.1	3.4	.8	.1						8.4	10.3
WNW	.3	.7	1.8	1.4								4.5	8.5
NW	.3	1.4	2.5	1.9	.2							6.4	9.4
NNW	.3	.3	1.0	.2								1.9	6.8
VARBL			1.2	1.5	.6	.1						3.4	12.8
CALM												6.9	
	11.4	14.2	29.5	29.6	7.7	1.8						100.2	9.1

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

71831	LAKENHEATH RAF UK	77-82	NOV
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.3	.2								1.9	5.2
NNE	.7	.9	.1	.1								1.9	4.7
NE	.3	.4	.3	.4								1.6	7.2
ENE	.2	.3	.2	.6	.7	.2						2.2	13.4
E	.6	.1	.6	.2	.2							1.7	7.9
ESE	.4	.4	.7	.3								1.9	6.9
SE	.2	1.0	1.1	1.0								3.4	8.5
SSE	.3	1.0	1.9	.4	.1							3.8	7.7
S	.7	2.6	3.3	2.5	1.3	.1						10.4	10.0
SSW	.7	1.0	3.8	4.0	1.7	1.0						12.2	12.8
SW	.3	.7	3.4	5.6	2.2	.3						12.6	12.9
WSW	.4	1.1	2.8	2.8	1.6	.4						9.2	12.0
W	1.7	1.5	2.1	4.9	1.6	.3						12.1	11.0
WNW	.8	.6	1.8	2.9	.3							6.4	10.5
NW	.4	.9	2.9	2.0	.2							6.5	9.6
NNW	.6	.6	1.3	1.0								3.5	8.9
VARBL			2.0	1.8	.6	.3						4.7	12.8
CALM												4.0	
	9.1	13.8	28.7	31.0	10.5	2.8						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	.9	.3								2.9	5.9
NNE	.3	.1	.8	.1								1.3	6.9
NE	.3	.4	.7	.8	.2	.1						2.6	10.3
ENE	.1	.2	.1	.1	.1	.1						.8	10.6
E	.3	.3	.4	.4								1.6	7.9
ESE	.3	.8		.6								1.7	7.1
SE	.8	1.5	.3	.3								2.9	5.3
SSE	.3	2.1	2.2	.4								5.2	6.8
S	1.2	3.5	2.5	3.9	.3	.4						11.9	9.3
SSW	.6	1.7	3.7	4.2	.9	.1						11.1	10.4
SW	1.9	1.8	3.5	5.4	1.8	.3						13.8	11.3
WSW	.8	.7	1.9	2.7	.4	.1						6.6	10.4
W	1.1	2.6	3.9	3.1	1.2	.1						12.1	9.7
WNW	.7	1.9	1.5	1.2		.1						5.4	7.8
NW	.9	1.5	1.5	1.5	.1							5.4	8.1
NNW	.4	.4	.9	.4	.1	.1						2.5	9.1
VARBL			.8	.9	.3	.3	.1					2.5	14.7
CALM												9.8	
	10.2	20.3	25.6	26.5	5.6	1.9	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 71-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.3	.3								2.5	5.8
NNE	.1	1.3	.6									2.[illegible]	6.1
NE	.3	.3	.3	.4	.2	.1						1.8	9.9
ENE	.1	.1	.3	.1	.2	.1						1.[illegible]	11.7
E	.2		.4	.3								1.0	9.3
ESE	.3	.3	.6	.3								1.6	7.1
SE	1.[illegible]	2.6	.6	.1								4.3	4.8
SSE	1.2	3.8	1.[illegible]	.4								6.9	5.7
S	1.[illegible]	3.3	3.1	4.3	.2							11.9	8.7
SSW	.6	1.3	4.4	5.5	.8	.2	.1					12.9	10.9
SW	.3	1.9	3.5	4.2	1.2	.3						11.5	11.1
WSW	.7	1.1	3.[illegible]	2.1	.4							7.4	9.7
W	2.2	2.1	2.4	3.3	.6	.2						10.8	8.9
WNW	1.5	1.1	1.5	.2	.1							4.4	6.3
NW	.7	1.[illegible]	1.0	1.1								3.8	7.7
NNW	.7	.2	.6	.4	.1							2.0	7.9
VARBL			.1	1.0		.1						1.2	15.0
CALM												13.0	
	11.7	21.8	29.[illegible]	24.3	3.9	1.1	.1					100.[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3683	LAKENHEATH RAF UK	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	.4	.2	.1							3.3	5.0
NNE	.3	1.0	.4									1.8	5.4
NE	.3	.4	.2	.1	.3							1.5	8.5
ENE	.1	.2	.1	.3	.1							.9	9.8
E	.2	.1	.6	.1								1.0	6.8
ESE	.6	.7	.1	.7								2.0	7.4
SE	1.0	1.1	.3									2.5	4.2
SSE	2.5	2.8	1.5	.6	.1							7.4	5.3
S	1.1	2.8	2.5	2.9	.7							10.0	8.8
SSW	.3	3.6	4.4	7.0	.7		.2					16.2	10.6
SW	.4	2.1	3.9	5.2	.8	.2						12.7	10.6
WSW	.9	1.7	2.1	1.9	.4							7.1	8.8
W	.4	2.6	2.7	2.4	.4	.1						8.7	9.2
WNW	.9	1.7	1.5	.2								4.3	6.2
NW	.2	.1	.8	.6	.3							2.0	10.7
NNW	.8	.2	.4	.3								1.8	6.4
VARBL			.4	.9	.1		.1					1.6	13.9
CALM												15.4	
	11.5	22.5	22.5	23.4	4.2	.3	.3					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03583 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.6	.2	.0							2.9	5.2
NNE	.5	.8	.4	.0								1.8	5.2
NE	.4	.4	.3	.3	.2	.1						1.6	8.7
ENE	.2	.3	.2	.3	.2	.1						1.2	10.7
E	.3	.3	.6	.3	.0							1.4	7.8
ESE	.4	.6	.5	.3								1.9	6.5
SE	1.0	1.7	.7	.4								3.8	5.7
SSE	1.1	2.3	1.8	.6	.1							5.9	6.4
S	1.5	2.7	3.1	3.2	.8	.1						11.4	9.0
SSW	1.2	1.9	3.9	5.4	1.2	.3	.0					13.9	10.6
SW	.7	1.8	4.1	5.7	1.2	.3	.0					13.6	11.0
WSW	.7	1.0	2.5	2.5	.6	.1						7.5	10.3
W	1.1	1.7	2.5	2.7	.6	.2						8.8	9.7
WNW	.7	1.0	1.4	.9	.1	.0						4.1	7.9
NW	.4	.8	1.3	1.2	.2							3.9	9.2
NNW	.6	.4	.7	.4	.0	.0						2.2	7.1
VARBL			.8	1.0	.3	.2	.0					2.3	13.5
CALM												11.7	
	12.1	19.6	25.9	25.3	5.5	1.9	.1					100.3	8.1

TOTAL NUMBER OF OBSERVATIONS 7118

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)

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.4									2.2	4.2
NNE	.3	1.0	.4	.4								2.2	6.8
NE	.5	.5	.3	.4								1.8	7.1
ENE			.4	.1	.1	.?	.1					1.?	16.2
E	.6	1.0	1.?	.5								3.9	7.1
ESE	.5	.8	1.?	1.3	.1	.1						3.8	9.2
SE	.5	1.0	1.8	1.2	.?	.1						4.8	8.8
SSE	1.2	.4	1.?	1.7	.5	.1						4.9	9.6
S	1.2	2.0	2.?	2.6	.5							9.0	8.6
SSW	1.4	2.2	3.5	4.4	1.7	.1						13.3	10.4
SW	1.8	2.0	3.5	4.2	1.2	.1	.1	.1				13.1	10.0
WSW	.3	1.4	3.?	4.4	.?	.1						10.2	10.5
W	.9	1.4	1.9	1.8	.8							6.8	9.5
WNW	.2	.4	1.3	1.5								3.4	9.1
NW	.1	.2	1.4	.9								2.6	9.5
NNW	.2	.3	1.1	.2								1.8	7.3
VARBL			.8	.6	.3	.2	.1					2.0	14.5
CALM												13.1	
	11.?	15.3	27.?	26.3	5.8	1.1	.3	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	.6									2.7	4.8
NNE	.3	.5	.8	.1								1.7	6.2
NE	.4	.2	.?	.1		.?						1.2	9.0
ENE	.1	.4	.3	.8	.1							1.7	9.6
E	.9	1.0	.9	.8								3.4	7.0
ESE	.2	.8	1.4	1.0	.2							3.5	9.3
SE	.3	.9	1.5	.6	.3	.1						3.3	9.0
SSE	1.2	.9	1.6	1.4	.3	.?						5.5	9.0
S	1.3	1.5	2.7	2.6	.9							8.9	9.4
SSW	1.4	2.6	4.3	4.1	1.1	.3	.1					13.9	9.7
SW	1.3	2.4	3.2	5.2	1.0	.4		.1				13.5	10.6
WSW	.8	1.8	3.2	3.7	.1							9.6	9.8
W	.8	.8	1.7	2.4	.2							5.8	9.8
WNW	.3	.5	.5	.8	.1	.1						2.9	9.6
NW	.?	.4	1.3	1.5	.2							3.8	10.3
NNW	.1	.4	.8	.3								1.6	7.6
VARBL		.2	.8	.8	.3			.1				2.2	12.9
CALM												14.8	
	10.9	16.?	25.8	25.9	6.8	1.8	.1	.2				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2600-2800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.3	.5	.1							2.2	7.7
NNE	.9	.9	.3									1.9	4.8
NE	.6	.2	.4	.3								1.6	6.1
ENE	.3	.3	.4	.6								1.7	8.3
E	.4	1.3	1.8	.1	.1							3.8	6.8
ESE	.4	.1	1.7	1.3								3.5	9.1
SE	.5	.6	1.5	.9	.1	.2						3.9	9.4
SSE	1.0	.9	1.8	1.1	.5	.2						5.5	9.5
S	.8	2.2	3.3	3.3	1.0	.1						10.6	9.9
SSW	1.5	2.3	5.1	3.7	.6	.2						13.3	9.3
SW	.5	2.8	3.7	4.0	1.3	.3						11.9	10.6
WSW	.4	1.9	2.9	3.0	.4	.2						8.9	9.9
W	1.5	1.5	1.9	2.2	.1	.1	.1					7.4	8.6
WNW	.2	.1	.3	.6	.5							1.8	11.4
NW	.2	.5	1.7	1.0	.3							3.8	9.6
NNW	.3	.3	.8									1.4	6.4
VARBL			.2	1.0	.2	.1						1.5	14.9
CALM												15.2	
	9.9	16.8	27.6	23.5	5.4	1.5	.1					100.1	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	.8	.7	.2							2.6	7.6
NNE	.4	.5	.8	.2								1.9	6.7
NE	.4	.6	.4	.5								2.0	7.3
ENE	.4	.2		.8								1.4	6.2
E	.5	.9	1.0	1.9								4.3	9.2
ESE	.4	.5	1.2	1.2								3.3	8.6
SE	.6	.6	.8	1.7		.7						4.0	9.9
SSE	.5	.9	1.6	.9	.2	.3						4.4	9.3
S	1.4	1.1	2.7	3.5	.4	.2						9.4	9.8
SSW	1.5	1.5	3.3	3.1	1.5	.2						11.2	10.1
SW	1.1	2.0	4.8	6.1	1.2	1.2						16.5	11.4
WSW	.6	2.5	3.4	5.4	.5	.2	.1					12.8	10.4
W	.6	1.3	2.5	1.7	.1							6.2	8.6
WNW	.6	.4	.8	.8								2.6	7.5
NW	.2	.8	1.8	1.0	.2							4.0	9.5
NNW	.5	.4	1.0	.4								2.4	7.5
VARBL			.8	1.1	.5	.3						2.7	14.1
CALM												8.4	
	10.9	14.8	27.5	30.6	4.9	2.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.9	.4	.2	.1						2.9	8.1
NNE	.2	.6	.4	.3								1.6	7.3
NE	.2	.8	.6	.5								2.2	7.6
ENE	.2	.5	.9	.4								2.0	8.2
E	.1	.3	1.5	1.5	.3							3.8	11.3
ESE	.4	.3	1.3	1.7	.2							3.7	10.3
SE	.1	.6	1.2	1.5	.1	.1						3.7	10.6
SSE	.3	.6	1.6	.6	.3							4.0	8.4
S	.2	.3	1.6	2.7	.6	.4						5.9	12.5
SSW	.4	1.3	4.6	3.0	1.5	.1						10.6	11.2
SW	.8	1.6	3.8	6.0	1.3	.6						14.1	11.6
WSW	.9	1.9	3.5	5.7	1.0	1.1						14.1	11.6
W	1.4	1.9	3.1	4.5	.8	.3						12.0	9.9
WNW	.3	.6	1.1	1.3		.2						3.5	10.1
NW	.8	1.3	2.3	1.4	.2	.1						5.7	9.1
NNW	.2	.4	.9	.8	.1							2.4	9.4
VARBL			.4	1.0	.4	.3						2.2	15.1
CALM												5.9	
	7.5	13.4	29.2	33.4	7.1	3.4						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.8	.3								2.2	6.3
NNE	.4	.4	.6	.2								1.7	6.6
NE	.1	.8	.8	.1								1.7	6.8
ENE	.1	.5	1.0	1.2	.1							2.9	11.1
E	.4	.2	1.6	1.3	.2							3.3	9.6
ESE	.3	1.1	1.0	1.0	.1							3.4	8.4
SE	.3	.9	1.7	1.5	.1							4.4	9.2
SSE	.4	1.4	1.7	.2	.2	.1						4.1	7.8
S	1.0	1.7	3.0	2.2	.8	.3						8.9	9.8
SSW	.6	2.6	3.3	4.3	.8	.2						11.8	10.1
SW	.9	2.7	4.4	3.1	.6	.2	.0					12.2	9.6
WSW	1.2	2.0	4.4	3.2	1.0	.3						12.2	9.9
W	.3	1.7	4.0	2.6	.8	.2						9.6	10.0
WNW	.9	1.1	.9	1.1								3.8	7.3
NW	.9	1.2	1.7	1.0	.2							4.9	7.9
NNW	.3	.8	.6	.6	.3							2.7	9.3
VARBL			.5	.6	.5	.1						1.8	14.2
CALM												8.0	
	8.7	19.4	32.0	29.5	5.7	1.5	.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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03771 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1300-2300 (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	.6	.6	.9	.2								2.3	6.2
NNE	.4	.4	.4	.2								1.5	6.4
NE	.1	1.1	.6	.1								1.9	6.7
ENE	.3	.3	.3	.8								1.7	9.5
E	.6	.6	2.3	1.0	.3							4.8	8.7
ESE	.2	.5	1.8	.9	.1							3.7	8.8
SE	.4	.8	1.2	1.2	.2							3.8	9.2
SSE	.9	1.5	2.5	2.0	.3							6.7	9.1
S	.6	2.0	1.9	2.7	.8	.1						8.2	9.7
SSW	1.0	3.4	3.7	4.9	1.2	.3						13.9	10.3
SW	.8	3.1	5.2	2.6	1.0	.3						12.9	9.3
WSW	.8	2.5	2.7	4.0	.1	.5						10.5	9.8
W	.3	1.6	2.5	1.7	.3	.1						7.0	8.7
WNW	.4	1.0	1.0	.5	.2							3.1	8.0
NW	.5	.8	1.5	1.4	.1							4.3	8.8
NNW	.8	.3	.6	.2	.1							2.0	6.6
VARBL			.1	.6	.3							1.1	14.6
CALM												10.5	
	9.2	19.8	29.1	24.8	5.1	1.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03221 (STATION) LAKENHEATH RAF UK (STATION NAME) 72-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	.4	.1								2.3	5.4
NNE	.3	.6		.4								1.4	6.5
NE	.6	.5	.6	.2								1.9	5.6
ENE	.2	.4	.2	.4		.2						1.6	9.9
E	.5	.8	1.5	.5	.2	.1						3.7	8.5
ESE	.6	.9	2.2	1.5		.2	.2					5.5	9.8
SE	.2	.5	.9	1.4								3.0	9.6
SSE	.2	.4	2.4	1.8	.4							5.2	9.5
S	1.2	2.2	3.1	2.3	1.2	.3						9.8	9.8
SSW	.2	1.2	4.2	3.4	1.2	.5						12.2	10.2
SW	1.2	2.2	4.2	4.0	1.6	.1						14.5	9.9
WSW	.6	2.5	2.3	1.5	.9	.1						7.8	9.0
W	.4	1.8	3.2	1.5	1.1							7.8	9.2
WNW	.2	.5	1.6	1.3								3.8	9.2
NW	.5	.4	1.4	.8								3.1	7.8
NNW	.2	.4	1.2	.1								1.7	7.1
VARBL			.2	1.0	.2							1.5	13.7
CALM												12.5	
	8.5	17.8	32.6	22.3	6.6	1.5	.2					100.2	8.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	LAKENHEATH RAF UK	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.6	.2	.1	.0						2.4	6.3
NNE	.4	.6	.5	.3								1.7	6.4
NE	.4	.6	.5	.3		.0						1.4	6.9
ENE	.2	.3	.5	.6	.2	.1	.0					1.8	9.7
E	.5	.8	1.5	1.0	.1	.0						3.9	9.5
ESE	.4	.6	1.4	1.2	.1	.0	.0					3.3	9.2
SE	.4	.7	1.3	1.2	.1	.1						3.9	9.4
SSE	.8	.8	1.8	1.2	.4	.1						5.1	9.1
S	.9	1.6	2.6	2.7	.7	.2						8.8	9.8
SSW	1.2	2.1	4.1	3.8	1.2	.3	.0					12.5	10.2
SW	1.0	2.4	4.1	4.4	1.1	.4	.0	.0				13.6	10.4
WSW	.7	2.1	3.3	3.9	.5	.3	.0					10.8	10.2
W	.8	1.5	2.6	2.3	.5	.1	.0					7.9	9.4
WNW	.4	.6	.9	1.0	.1	.0						3.1	8.9
NW	.4	.7	1.6	1.1	.2	.0						4.2	9.0
NNW	.3	.4	.8	.3	.1							2.0	7.8
VARBL		.0	.5	.8	.4	.1	.0	.0				1.9	14.2
CALM												11.0	
	9.6	16.7	28.6	26.4	5.7	1.8	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 7482

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03231 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	2.1	1.0	.1	.0	.0					6.3	7.2
NNE	.8	1.1	1.3	.7	.1	.0						4.0	7.4
NE	.7	.9	.9	.6	.1	.0						3.2	7.6
ENE	.4	.7	.8	.6	.1	.0	.0					2.5	8.0
E	.7	1.2	1.3	.8	.1	.0						4.2	7.5
ESE	.7	1.3	1.0	.5	.0	.0	.0					3.6	6.7
SE	.5	1.6	1.1	.6	.1	.0	.0					4.2	6.6
SSE	1.2	1.6	1.5	.8	.1	.0						5.1	6.9
S	1.2	1.9	2.5	2.0	.4	.1	.0					8.1	8.5
SSW	.9	1.6	2.9	2.7	.6	.1	.0	.0				8.7	9.6
SW	.9	1.9	3.0	2.8	.6	.2	.0	.0				9.4	9.6
WSW	.7	1.4	2.3	2.1	.4	.1	.0	.0				7.1	9.4
W	1.0	1.8	2.4	1.8	.3	.1	.0	.0	.0			7.4	8.6
WNW	.7	1.1	1.2	.7	.1	.0						3.9	7.5
NW	.6	1.0	1.2	.6	.1	.0	.0					3.6	7.5
NNW	.7	.9	.9	.4	.0	.0						3.0	6.8
VARBL	.0	.0	2.1	1.3	.3	.1	.0	.0				3.9	11.1
CALM												11.7	
	13.6	21.8	28.6	20.0	3.5	.8	.1	.0	.0			120.0	7.3

TOTAL NUMBER OF OBSERVATIONS 87233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03931	LAKENHEATH RAF UK	77-83	ALL
STATION	STATION NAME	YEARS	MONTH

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

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
(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.4	3.0	1.2	.1	.0	.0					8.6	6.9
NNE	1.2	1.5	1.9	1.1	.1	.1						5.8	7.5
NE	.9	1.4	1.5	.9	.1	.0						4.8	7.3
ENE	.6	.9	1.4	.8	.1							3.8	7.8
E	1.0	2.1	2.0	1.4	.1	.0						6.6	7.5
ESE	.9	1.9	1.6	.7	.1	.0	.0					5.1	6.9
SE	1.1	1.5	1.4	.6	.1	.0	.0					4.7	6.9
SSE	1.4	1.6	1.4	.8	.1	.0						5.3	6.6
S	1.3	1.9	1.6	1.5	.4	.0						6.7	8.0
SSW	1.0	1.4	1.4	1.5	.2							5.5	8.2
SW	.9	1.4	1.3	.8	.1	.0						4.5	7.1
WSW	.8	1.1	1.0	.3	.0							3.3	6.4
W	1.1	1.4	1.3	.2	.0	.0						4.1	5.7
WNW	.9	1.1	1.2	.6	.1	.0						3.8	6.9
NW	.6	1.1	1.3	1.0	.1							4.1	8.0
NNW	.9	1.2	1.2	.5	.0	.0						3.9	6.6
VARBL	.0	.0	1.0	.7	.1	.0						1.9	11.1
CALM												17.3	
	16.7	24.0	25.4	14.5	1.8	.3	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 12873

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9.0	≥6 GE9.0	GE6	≥4 GE5.0	≥3 GE4.0	≥2 GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥ GE1.2	≥1 GE1.0	≥ GE0.8	≥⅝ GE0.5	≥ GE0.4	≥0 GE0.0
NO CEILING	21.2	25.3	26.6	28.8	29.7	29.9	31.2	32.5	32.6	33.4	33.6	33.8	34.1	34.3	34.6	35.0
≥ 20000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 18000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 16000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 14000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 12000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 10000	23.1	28.6	30.2	33.0	33.9	34.1	35.6	37.0	37.1	37.9	38.1	38.3	38.6	38.9	39.1	39.5
≥ 9000	23.7	29.2	30.8	33.6	34.4	34.7	36.2	37.6	37.7	38.4	38.6	38.9	39.2	39.4	39.6	40.4
≥ 8000	25.4	31.1	32.8	35.7	36.7	36.9	38.4	39.8	39.9	40.7	40.9	41.1	41.4	41.7	41.9	42.6
≥ 7000	27.0	32.7	34.6	37.6	38.5	38.8	40.3	41.7	41.8	42.5	42.7	42.9	43.3	43.5	43.7	44.5
≥ 6000	27.3	33.0	35.0	38.0	39.0	39.2	40.7	42.1	42.2	42.9	43.2	43.4	43.7	43.9	44.1	44.9
≥ 5000	28.5	34.6	36.6	39.7	40.7	40.9	42.4	43.8	43.9	44.7	44.9	45.1	45.4	45.6	45.9	46.6
≥ 4500	31.0	37.9	40.0	44.0	46.0	46.2	48.1	49.5	49.6	50.6	50.8	51.0	51.3	51.6	51.8	52.5
≥ 4000	35.1	42.9	46.3	51.6	52.9	53.2	55.4	56.8	56.9	57.9	58.1	58.3	58.7	58.9	59.1	59.8
≥ 3500	37.2	45.4	48.9	54.6	55.9	56.2	58.9	60.4	60.5	61.6	61.8	62.0	62.3	62.5	62.8	63.5
≥ 3000	41.7	50.2	53.6	59.5	60.8	61.4	64.3	65.9	66.0	67.2	67.4	67.6	67.9	68.1	68.4	69.1
≥ 2500	43.6	52.7	56.6	62.5	64.0	64.6	67.6	69.3	69.4	70.6	70.8	71.0	71.4	71.6	71.8	72.6
≥ 2000	47.3	57.8	61.8	68.7	70.7	71.3	74.3	76.3	76.4	77.6	77.8	78.0	78.4	78.6	78.8	79.5
≥ 1800	48.0	58.9	63.0	70.0	72.0	72.6	75.6	77.8	77.9	79.1	79.3	79.5	79.9	80.1	80.3	81.1
≥ 1500	50.1	61.5	65.8	73.5	75.6	76.2	79.4	81.7	82.0	83.2	83.4	83.6	84.0	84.2	84.4	85.1
≥ 1200	51.7	64.0	69.0	77.3	79.4	80.1	83.5	85.8	86.1	87.4	87.6	87.8	88.2	88.4	88.6	89.3
≥ 1000	52.2	64.6	70.3	78.6	81.2	81.8	85.5	88.1	88.4	89.7	89.9	90.1	90.4	90.6	90.9	91.6
≥ 900	52.2	64.8	70.6	78.9	81.5	82.1	85.8	88.4	88.7	90.0	90.2	90.4	90.7	91.0	91.2	91.9
≥ 800	52.5	65.2	71.5	80.3	83.0	83.6	87.3	89.9	90.2	91.5	91.7	91.9	92.2	92.5	92.7	93.4
≥ 700	52.7	65.6	72.0	81.2	83.9	84.5	88.4	91.0	91.3	92.6	92.8	93.0	93.3	93.5	93.8	94.5
≥ 600	52.7	65.6	72.0	81.4	84.3	84.9	88.9	91.5	91.8	93.1	93.4	93.6	94.0	94.2	94.4	95.2
≥ 500	53.0	65.8	72.2	81.9	84.8	85.5	89.6	92.2	92.6	93.9	94.2	94.4	94.7	94.9	95.2	96.0
≥ 400	53.0	65.8	72.3	82.1	85.3	85.9	90.1	92.8	93.2	94.5	94.8	95.2	95.5	95.8	96.0	96.9
≥ 300	53.0	65.8	72.3	82.2	85.5	86.1	90.4	93.2	93.6	94.9	95.3	95.6	95.9	96.6	96.8	97.6
≥ 200	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.8	96.1	96.6	97.5	98.5	99.4
≥ 100	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.9	96.2	96.7	97.6	98.6	99.7
≥ 0	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.9	96.2	96.7	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GTEB31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-87 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	5/16 GE05	¼ GE04	0 GE00
NO CEILING	27.0	26.2	27.3	29.5	30.4	30.5	31.1	31.5	32.2	32.8	32.9	32.9	32.9	33.2	33.3	34.1
≥ 20000	25.1	28.6	30.0	32.7	33.6	33.7	34.3	34.9	35.5	36.2	36.3	36.3	36.3	36.5	36.6	37.5
≥ 18000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.7	36.8	37.7
≥ 16000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.7	36.8	37.7
≥ 14000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.7	36.8	37.7
≥ 12000	25.3	29.1	30.4	33.0	33.9	34.0	34.7	35.2	35.8	36.5	36.6	36.6	36.6	36.8	36.9	37.8
≥ 10000	25.8	30.0	31.6	34.8	35.7	35.8	36.5	37.0	37.7	38.3	38.4	38.4	38.4	38.6	38.8	39.6
≥ 9000	26.3	30.5	32.1	35.2	36.2	36.3	36.9	37.5	38.1	38.8	38.9	38.9	38.9	39.1	39.2	40.0
≥ 8000	28.1	32.5	34.3	38.1	39.2	39.4	40.2	40.7	41.3	42.0	42.1	42.1	42.1	42.3	42.4	43.3
≥ 7000	28.4	32.9	34.8	38.5	39.6	39.8	40.6	41.1	41.8	42.4	42.5	42.5	42.5	42.7	42.8	43.7
≥ 6000	28.5	33.0	35.0	38.8	39.8	40.0	40.8	41.3	42.0	42.6	42.7	42.7	42.7	42.9	43.1	43.9
≥ 5000	29.7	35.0	36.9	40.7	41.8	42.0	42.7	43.3	43.9	44.6	44.7	44.7	44.7	44.9	45.0	45.9
≥ 4500	32.2	38.8	41.3	45.7	46.8	47.0	48.0	48.5	49.2	49.8	49.9	49.9	49.9	50.3	50.4	51.2
≥ 4000	36.4	43.4	46.2	52.1	53.3	53.7	55.0	55.9	56.5	57.3	57.4	57.4	57.4	57.7	57.8	58.7
≥ 3500	38.1	45.7	48.5	54.5	55.8	56.2	57.7	58.7	59.4	60.2	60.3	60.3	60.3	60.6	60.7	61.6
≥ 3000	42.7	50.7	53.6	59.5	60.8	61.2	62.9	63.9	64.7	65.6	65.7	65.7	65.7	66.0	66.1	67.0
≥ 2500	43.9	52.1	55.2	61.4	62.8	63.2	64.8	65.9	66.6	67.7	67.8	67.8	67.8	68.1	68.2	69.1
≥ 2000	48.5	56.2	62.7	69.1	71.4	71.8	73.6	74.7	75.5	76.7	76.9	77.0	77.0	77.3	77.4	78.3
≥ 1800	49.2	59.1	62.9	70.2	72.4	72.9	74.7	75.8	76.5	77.8	77.9	78.0	78.1	78.5	78.6	79.4
≥ 1500	51.8	62.6	66.4	74.3	76.5	77.0	78.8	80.0	80.8	82.1	82.2	82.3	82.5	82.8	82.9	83.7
≥ 1200	53.9	65.8	70.4	78.5	80.7	81.3	83.4	84.6	85.5	87.1	87.2	87.3	87.4	87.8	87.9	88.8
≥ 1000	54.5	66.3	71.3	79.7	81.9	82.5	84.7	85.9	86.8	88.4	88.5	88.6	88.7	89.1	89.2	90.1
≥ 900	54.6	66.4	71.4	79.9	82.1	82.7	85.0	86.3	87.2	88.8	88.9	89.0	89.1	89.6	89.7	90.5
≥ 800	54.6	66.4	71.4	79.9	82.6	83.1	85.5	87.0	87.8	89.5	89.6	89.7	89.8	90.2	90.3	91.2
≥ 700	54.8	66.8	72.3	80.8	83.5	84.1	86.4	87.9	88.8	90.4	90.5	90.6	90.7	91.2	91.3	92.1
≥ 600	55.1	67.3	73.1	81.6	84.5	85.1	87.6	89.1	90.0	91.6	91.7	91.8	91.9	92.4	92.5	93.3
≥ 500	55.2	67.4	73.2	82.3	85.4	86.0	88.5	90.1	91.0	92.7	92.8	92.9	93.0	93.4	93.5	94.7
≥ 400	55.2	67.4	73.4	82.8	86.2	86.9	89.5	91.5	92.5	94.2	94.3	94.4	94.6	95.0	95.2	96.3
≥ 300	55.2	67.4	73.4	82.8	86.2	86.9	89.9	92.2	93.2	94.9	95.0	95.2	95.4	95.9	96.0	97.2
≥ 200	55.2	67.4	73.4	82.8	86.2	86.9	89.9	92.2	93.2	94.9	95.2	95.3	95.6	96.9	97.5	98.8
≥ 100	55.2	67.4	73.4	82.8	86.2	86.9	89.9	92.2	93.2	94.9	95.2	95.3	95.6	97.0	97.6	99.6
≥ 0	55.2	67.4	73.4	82.8	86.2	86.9	89.9	92.4	93.3	95.0	95.3	95.4	95.7	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

03831 LAKENHEATH RAF UK 74-83 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥⅞ GE12	≥¾ GE10	≥½ GE08	≥⅜ GE05	≥¼ GE04	≥0 GE00
NO CEILING	18.8	22.0	24.4	26.5	27.2	27.5	28.2	28.8	28.8	29.4	29.7	29.7	29.7	29.7	29.7	30.1
≥ 20000	20.5	24.4	27.2	29.6	30.3	30.6	31.4	31.9	31.9	32.5	32.9	32.9	32.9	33.0	33.0	33.3
≥ 18000	20.6	24.5	27.3	29.7	30.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 16000	20.6	24.5	27.3	29.7	30.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 14000	20.6	24.5	27.3	29.7	30.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 12000	20.6	24.5	27.3	29.7	30.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 10000	21.3	26.1	28.9	31.7	32.4	32.8	33.5	34.1	34.1	34.7	35.0	35.0	35.0	35.1	35.1	35.5
≥ 9000	21.9	26.8	29.6	32.5	33.3	33.6	34.5	35.0	35.0	35.7	36.0	36.0	36.0	36.1	36.1	36.4
≥ 8000	24.2	29.6	32.8	35.9	36.7	37.2	38.0	38.6	38.6	39.2	39.5	39.5	39.5	39.7	39.7	40.0
≥ 7000	24.7	30.2	33.3	36.4	37.3	37.7	38.6	39.1	39.1	39.8	40.1	40.1	40.1	40.2	40.2	40.5
≥ 6000	24.7	30.3	33.5	36.6	37.5	37.9	38.8	39.3	39.3	40.0	40.3	40.3	40.3	40.4	40.4	40.7
≥ 5000	25.9	32.2	35.5	38.6	39.4	40.0	40.9	41.4	41.4	42.0	42.3	42.3	42.3	42.5	42.5	42.8
≥ 4500	29.0	36.2	39.7	43.4	44.4	45.0	46.4	47.0	47.0	47.7	48.1	48.2	48.2	48.3	48.3	48.6
≥ 4000	32.3	40.1	44.0	48.5	49.6	50.2	51.9	52.8	52.8	53.7	54.0	54.1	54.1	54.2	54.2	54.5
≥ 3500	35.0	43.1	47.0	51.5	52.6	53.2	55.0	56.3	56.5	57.3	57.7	57.8	57.8	57.9	57.9	58.2
≥ 3000	40.2	48.4	52.8	57.4	58.5	59.2	61.1	62.4	62.6	63.6	63.9	64.0	64.0	64.1	64.1	64.4
≥ 2500	42.3	51.3	56.0	61.4	62.7	63.4	65.3	66.7	66.9	67.9	68.2	68.3	68.3	68.4	68.4	68.8
≥ 2000	47.0	57.3	62.4	68.1	69.6	70.3	72.4	74.1	74.5	75.5	75.9	76.1	76.1	76.3	76.3	76.6
≥ 1800	47.7	58.2	63.3	69.3	70.9	71.6	73.7	75.4	75.8	76.9	77.3	77.5	77.5	77.7	77.7	78.0
≥ 1500	50.3	61.6	66.9	73.5	75.2	75.9	78.0	80.0	80.3	81.5	81.8	82.0	82.0	82.2	82.2	82.5
≥ 1200	51.3	63.3	69.3	76.2	78.0	78.7	80.8	83.0	83.3	84.5	84.8	85.0	85.0	85.2	85.2	85.6
≥ 1000	51.7	63.8	70.3	77.4	79.3	80.0	82.4	84.7	85.0	86.2	86.5	86.7	86.7	87.0	87.1	87.4
> 900	51.8	63.9	71.8	78.0	80.1	80.8	83.3	85.6	85.9	87.1	87.4	87.6	87.6	87.8	87.9	88.3
≥ 800	52.3	64.3	71.3	79.0	81.5	82.2	85.0	87.3	87.7	88.9	89.2	89.4	89.4	89.7	89.8	90.1
≥ 700	52.3	64.7	71.7	79.4	82.1	82.9	86.0	88.3	88.8	90.0	90.3	90.5	90.5	90.7	90.8	91.2
≥ 600	52.3	65.2	72.3	80.6	83.3	84.3	87.4	89.7	90.2	91.5	91.8	92.0	92.0	92.2	92.3	92.7
≥ 500	52.4	65.3	72.5	81.0	83.9	85.0	88.4	90.6	91.2	92.5	92.8	93.0	93.0	93.2	93.3	93.9
≥ 400	52.4	65.3	72.5	81.1	84.1	85.1	88.5	90.9	91.7	93.0	93.3	93.5	93.5	93.8	93.9	94.4
≥ 300	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.0	92.8	94.6	94.9	95.2	95.2	95.4	95.6	96.1
≥ 200	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.0	95.5	95.7	95.7	97.0	97.6	98.4
≥ 100	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.2	95.8	96.1	96.1	97.5	98.3	99.7
≥ 0	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.2	95.8	96.1	96.1	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GREB31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.3	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	¾ GE1.2	½ GE1.0	⅜ GE0.8	¼ GE0.5	⅛ GE0.4	0 GE0.0
NO CEILING	15.3	18.2	20.9	22.2	23.7	23.9	24.4	24.9	24.9	25.0	25.2	25.4	25.4	25.5	25.5	25.5
≥ 20000	19.2	22.8	25.7	27.8	29.4	29.7	30.2	31.0	31.0	31.1	31.4	31.5	31.5	31.6	31.6	31.6
≥ 18000	18.6	23.1	25.4	28.2	29.8	30.0	30.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9
≥ 16000	18.6	23.1	25.4	28.2	29.8	30.0	30.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9
≥ 14000	18.6	23.1	25.4	28.2	29.8	30.0	30.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9
≥ 12000	19.9	23.4	25.7	28.5	30.1	30.3	30.9	31.6	31.6	31.7	32.0	32.1	32.1	32.3	32.3	32.3
≥ 10000	20.3	25.6	28.4	31.3	32.9	33.1	33.7	34.4	34.4	34.5	34.8	35.0	35.0	35.1	35.1	35.1
≥ 9000	20.9	27.2	30.0	33.0	34.6	34.8	35.4	36.2	36.2	36.4	36.7	36.8	36.8	36.9	36.9	36.9
≥ 8000	23.3	30.1	33.2	36.6	38.2	38.4	38.9	39.8	39.8	40.0	40.3	40.5	40.5	40.6	40.6	40.6
≥ 7000	24.2	31.2	34.3	37.8	39.4	39.7	40.2	41.1	41.1	41.3	41.6	41.7	41.7	41.9	41.9	41.9
≥ 6000	24.6	31.8	35.0	38.4	40.0	40.3	40.8	41.7	41.7	42.0	42.3	42.4	42.4	42.5	42.5	42.5
≥ 5000	24.9	32.8	35.9	39.4	41.0	41.3	42.0	42.8	42.8	43.0	43.4	43.5	43.5	43.6	43.6	43.6
≥ 4500	26.6	35.2	38.8	43.6	45.7	46.1	46.8	47.7	47.7	48.0	48.2	48.4	48.4	48.5	48.5	48.5
≥ 4000	30.9	40.1	44.2	49.6	52.3	52.6	53.8	55.0	55.1	55.4	55.8	55.9	55.9	56.0	56.0	56.0
≥ 3500	34.4	43.9	48.3	53.8	56.5	56.9	58.0	59.4	59.7	60.1	60.5	60.7	60.7	60.8	60.8	60.8
≥ 3000	37.3	47.5	52.2	57.9	61.4	61.8	63.0	64.8	65.3	65.9	66.3	66.6	66.6	66.7	66.7	66.7
≥ 2500	39.4	49.9	54.9	61.1	64.9	65.4	66.6	68.4	69.8	69.5	69.9	70.1	70.1	70.2	70.2	70.2
≥ 2000	42.5	53.8	59.3	66.3	70.3	70.8	72.2	74.1	74.8	75.5	75.9	76.2	76.2	76.3	76.3	76.3
≥ 1800	43.6	55.0	60.6	67.9	72.1	72.5	73.9	75.9	76.6	77.3	77.8	78.0	78.0	78.1	78.1	78.1
≥ 1500	44.9	56.5	62.2	70.0	74.3	74.9	76.4	78.7	79.6	80.4	80.9	81.2	81.2	81.1	81.1	81.1
≥ 1200	46.4	58.6	64.6	72.7	77.2	77.8	79.6	82.2	83.2	83.9	84.5	84.7	84.7	84.9	84.9	84.9
≥ 1000	46.8	59.3	65.7	73.9	78.5	79.1	81.1	83.9	84.9	85.9	86.5	86.7	86.7	86.9	87.1	87.1
≥ 900	46.9	59.4	65.8	74.2	79.1	79.7	82.0	84.8	85.8	86.7	87.4	87.6	87.6	87.9	88.0	88.0
≥ 800	47.1	59.8	66.2	74.9	79.7	80.4	83.3	85.9	86.8	87.8	88.5	88.8	88.8	89.1	89.2	89.2
≥ 700	47.5	60.3	66.9	75.9	80.8	81.4	84.3	87.3	88.5	89.5	90.2	90.5	90.5	90.8	90.9	90.9
≥ 600	47.6	60.5	67.2	76.6	81.7	82.4	85.5	88.6	89.9	90.9	91.6	91.9	91.9	92.2	92.3	92.3
≥ 500	47.7	60.6	67.3	77.0	82.6	83.4	86.5	89.9	91.2	92.3	93.1	93.4	93.4	93.7	93.9	93.9
≥ 400	47.7	60.6	67.3	77.1	82.8	83.6	86.8	90.5	92.3	93.6	94.4	94.7	94.9	95.4	95.5	95.5
≥ 300	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.5	95.5	96.0	96.3	97.0	97.1	97.3
≥ 200	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	97.8	98.0	99.0
≥ 100	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	98.1	98.4	99.8
≥ 0	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥9 GE9.0	≥8 GE8.0	≥7 GE6.0	≥6 GE4.8	≥5 GE4.0	≥4 GE3.2	≥3 GE2.4	≥2 GE2.0	≥1½ GE1.6	≥1¼ GE1.2	≥1 GE1.0	≥⅞ GE0.8	≥⅝ GE0.5	≥½ GE.24	≥0 GE0
≥ UNLIM	16.8	20.5	21.9	23.9	24.3	24.3	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 20000	27.6	25.0	26.4	29.2	29.6	29.6	29.8	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4
≥ 18000	27.9	25.4	26.8	29.6	30.0	30.0	30.2	30.5	30.5	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 16000	27.9	25.4	26.8	29.6	30.0	30.0	30.2	30.5	30.5	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 14000	28.0	25.5	26.9	29.7	30.1	30.1	30.4	30.6	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9
≥ 12000	28.2	25.7	27.1	29.9	30.4	30.4	30.6	30.8	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1
≥ 11000	23.5	28.2	29.6	32.4	32.8	32.8	33.2	33.4	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7
≥ 10000	24.0	29.4	30.9	33.8	34.2	34.2	34.6	34.8	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.1
≥ 9000	25.9	32.0	33.9	37.1	37.6	37.6	38.0	38.2	38.2	38.4	38.6	38.6	38.6	38.6	38.6	38.6
≥ 8000	26.3	32.6	34.6	38.0	38.4	38.4	38.9	39.1	39.1	39.3	39.5	39.5	39.5	39.5	39.5	39.5
≥ 7000	26.4	32.8	34.8	38.2	38.6	38.6	39.1	39.3	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7
≥ 6000	28.0	35.1	37.2	40.7	41.1	41.1	41.6	41.8	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2
≥ 5000	32.2	39.9	42.7	46.5	47.3	47.3	47.9	48.2	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7
≥ 4500	36.3	45.1	48.3	53.0	54.4	54.4	55.1	55.4	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	40.3	49.3	52.6	57.4	58.8	59.1	59.8	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 3500	43.4	53.1	56.7	62.5	64.0	64.4	65.4	66.0	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3000	45.4	55.8	59.6	65.6	67.1	67.4	68.5	69.0	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2500	49.2	61.4	66.3	73.0	74.7	75.0	76.5	77.2	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	49.7	61.9	66.9	73.6	75.3	75.7	77.3	78.1	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	50.7	63.2	68.5	75.9	77.7	78.0	79.9	80.8	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1500	52.1	65.0	70.5	78.7	80.7	81.3	83.1	84.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	52.6	66.0	71.7	80.1	82.7	83.4	85.4	86.9	87.2	87.7	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	52.6	66.1	71.8	80.3	83.1	83.9	85.8	87.4	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	52.9	66.8	72.6	81.3	84.3	85.0	87.3	89.0	89.5	90.2	90.4	90.4	90.5	90.5	90.5	90.5
≥ 700	53.1	67.3	73.0	82.0	85.4	86.1	88.7	90.6	91.2	91.9	92.1	92.1	92.2	92.4	92.4	92.4
≥ 600	53.1	67.4	73.1	82.8	86.1	86.9	89.5	91.9	92.7	93.4	93.6	93.6	93.8	93.9	93.9	93.9
≥ 500	53.1	67.4	73.1	83.1	86.5	87.3	90.1	93.3	94.3	95.0	95.3	95.4	95.5	95.6	95.6	95.6
≥ 400	53.2	67.5	73.2	83.2	86.7	87.4	90.2	93.4	94.7	96.0	96.4	96.6	96.9	97.2	97.2	97.2
≥ 300	53.2	67.5	73.2	83.2	86.7	87.4	90.2	93.4	94.9	96.3	97.1	97.3	97.8	98.3	98.3	98.3
≥ 200	53.2	67.5	73.2	83.2	86.7	87.4	90.2	93.4	94.9	96.4	97.3	97.5	98.3	98.7	98.9	99.4
≥ 100	53.2	67.5	73.2	83.2	86.7	87.4	90.2	93.4	94.9	96.4	97.3	97.5	98.3	98.7	98.9	99.7
≥ 0	53.2	67.5	73.2	83.2	86.7	87.4	90.2	93.4	94.9	96.4	97.3	97.5	98.3	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-87 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1¾ GE1¾	≥1½ GE1½	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½
≥ 25000	15.6	19.1	21.2	23.2	23.5	23.7	24.3	24.5	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8
≥ 20000	19.2	23.9	26.5	29.1	29.5	29.6	30.3	30.5	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1
≥ 10000	19.4	24.1	26.7	29.5	29.9	30.0	30.9	31.0	31.1	31.3	31.5	31.5	31.5	31.5	31.5	31.5
≥ 6000	19.4	24.1	26.7	29.5	29.9	30.0	30.9	31.0	31.1	31.3	31.5	31.5	31.5	31.5	31.5	31.5
≥ 4000	19.4	24.1	26.7	29.5	29.9	30.0	30.9	31.0	31.1	31.3	31.5	31.5	31.5	31.5	31.5	31.5
≥ 2000	19.7	24.5	27.1	29.9	30.3	30.4	31.2	31.4	31.5	31.7	31.9	31.9	31.9	31.9	31.9	31.9
≥ 1000	21.5	26.5	29.0	31.9	32.4	32.5	33.2	33.4	33.5	33.8	34.0	34.0	34.0	34.0	34.0	34.0
≥ 900	22.7	27.4	30.2	33.5	34.0	34.1	34.9	35.2	35.3	35.5	35.7	35.7	35.7	35.7	35.7	35.7
≥ 800	24.4	30.6	33.7	37.5	38.2	38.3	39.1	39.4	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9
≥ 700	24.6	31.1	34.2	38.1	38.7	38.8	39.7	39.9	40.0	40.2	40.4	40.4	40.4	40.4	40.4	40.4
≥ 600	24.9	31.6	34.7	38.7	39.4	39.5	40.3	40.5	40.6	40.9	41.1	41.1	41.1	41.1	41.1	41.1
≥ 500	26.1	33.7	36.9	41.9	41.5	41.7	42.6	42.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3
≥ 450	28.9	37.7	41.3	45.8	46.5	46.8	47.6	48.1	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 400	32.6	42.2	45.9	51.4	52.4	52.8	53.9	54.3	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1
≥ 350	34.5	44.5	48.6	54.5	55.6	56.1	57.2	57.8	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6
≥ 300	40.9	52.2	56.3	62.4	63.4	64.1	65.3	66.1	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9
≥ 250	43.8	55.8	60.4	67.1	68.2	68.8	70.3	70.9	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6
≥ 200	47.4	60.6	65.6	73.5	75.1	75.7	77.6	78.7	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 180	47.8	61.3	66.3	74.8	76.3	77.1	79.1	80.2	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 150	49.4	62.4	67.7	77.7	79.6	80.3	82.4	83.4	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6
≥ 120	48.8	63.4	68.9	81.1	82.0	82.8	85.3	86.3	86.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 100	49.1	64.0	69.6	81.2	83.2	84.0	86.7	87.7	88.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 90	49.1	64.1	69.9	81.5	83.7	84.4	87.2	88.3	89.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3
≥ 80	49.1	64.1	70.1	82.0	84.2	84.9	87.8	89.1	89.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5
≥ 70	49.1	64.3	70.4	83.0	85.5	86.3	89.2	90.9	91.6	92.9	93.1	93.2	93.3	93.4	93.4	93.4
≥ 60	49.4	64.5	70.6	83.8	86.8	87.6	90.5	92.8	93.5	94.8	95.1	95.2	95.4	95.7	95.7	95.7
≥ 50	49.4	64.5	70.6	84.0	87.2	88.1	91.0	93.3	94.1	95.9	96.3	96.6	96.8	97.1	97.1	97.1
≥ 40	49.4	64.6	70.8	84.1	87.3	88.2	91.2	93.8	94.5	96.5	96.9	97.2	97.4	97.7	97.7	97.7
≥ 30	49.4	64.6	70.8	84.1	87.3	88.2	91.2	93.8	94.5	96.6	97.2	97.6	97.8	98.4	98.4	98.7
≥ 20	49.4	64.6	70.8	84.1	87.3	88.2	91.2	93.8	94.5	96.6	97.2	97.6	97.8	98.5	98.6	99.4
≥ 10	49.4	64.6	70.8	84.1	87.3	88.2	91.2	93.8	94.5	96.6	97.2	97.6	97.8	98.5	98.6	99.5
≥ 0	49.4	64.6	70.8	84.1	87.3	88.2	91.2	93.8	94.5	96.6	97.2	97.6	97.8	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 74-87 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2300
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥⅛ GE⅛	≥0 GE0
NO CEILING	17.7	23.0	24.[illegible]	26.7	28.1	28.2	28.9	29.7	29.9	30.2	30.2	30.3	30.3	30.3	30.[illegible]	[illegible]
≥ 22000	20.0	26.2	27.4	30.3	31.8	31.9	33.2	33.8	34.0	34.3	34.3	34.4	34.4	34.4	34.4	34.6
≥ 18000	20.3	26.3	27.7	30.8	32.3	32.4	33.4	34.2	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.2
≥ 16000	20.3	26.3	27.7	30.8	32.3	32.4	33.4	34.2	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.2
≥ 14000	20.4	26.5	27.9	30.9	32.4	32.5	33.5	34.3	34.5	34.9	34.9	35.1	35.1	35.1	35.1	35.3
≥ 12000	21.4	26.6	28.[illegible]	31.0	32.6	32.6	33.7	34.4	34.6	35.1	35.1	35.2	35.2	35.2	35.2	35.4
≥ 10000	21.1	27.4	28.8	31.8	33.3	33.4	34.5	35.3	35.5	35.9	35.9	36.0	36.0	36.0	36.0	36.2
≥ 9000	21.6	28.3	29.8	33.3	34.8	34.9	36.[illegible]	37.[illegible]	37.2	37.6	37.6	37.7	37.7	37.7	37.8	38.1
≥ 8000	23.7	30.9	32.4	35.9	37.4	37.5	38.8	39.9	40.1	40.5	40.5	40.6	40.6	40.6	40.8	41.[illegible]
≥ 7000	24.1	31.6	33.1	36.9	38.4	38.5	39.8	40.9	41.1	41.5	41.5	41.6	41.6	41.6	41.7	41.9
≥ 6000	24.2	31.7	33.2	37.0	38.5	38.6	39.9	41.0	41.2	41.6	41.6	41.7	41.7	41.7	41.8	42.0
≥ 5000	25.5	33.8	35.4	39.5	41.0	41.1	42.4	43.4	43.7	44.1	44.1	44.2	44.2	44.2	44.3	44.5
≥ 4500	29.6	39.[illegible]	41.[illegible]	45.7	47.4	47.5	48.8	49.9	50.[illegible]	51.0	51.0	51.1	51.1	51.1	51.2	51.4
≥ 4000	33.2	42.9	44.7	50.5	52.5	52.7	54.1	55.4	56.1	56.6	56.6	56.7	56.7	56.7	56.8	57.3
≥ 3500	35.6	46.1	48.1	54.2	56.5	56.7	58.1	59.4	60.1	60.5	60.5	60.6	60.6	60.6	60.8	61.[illegible]
≥ 3000	40.8	51.9	54.1	61.1	63.4	63.7	65.3	66.7	67.4	67.8	68.1	68.2	68.2	68.2	68.3	68.5
≥ 2500	43.3	55.8	58.[illegible]	66.3	68.7	68.9	70.[illegible]	71.9	72.7	73.1	73.3	73.4	73.4	73.4	73.5	73.8
≥ 2000	47.4	60.5	63.8	72.3	75.4	75.6	77.4	79.0	79.8	80.2	80.4	80.5	80.5	80.5	80.6	80.9
≥ 1800	47.7	61.2	64.[illegible]	73.4	76.6	76.8	78.7	80.3	81.1	81.5	81.7	81.8	81.8	81.8	81.9	82.2
≥ 1500	48.7	63.5	67.7	77.0	80.2	80.5	82.5	84.2	84.9	85.4	85.6	85.7	85.7	85.7	85.8	86.0
≥ 1200	49.1	64.6	69.1	79.1	82.5	82.9	85.4	87.2	88.[illegible]	88.4	88.6	88.7	88.7	88.7	88.8	89.[illegible]
≥ 1000	49.2	64.8	69.4	80.2	83.7	84.1	86.6	88.4	89.1	89.6	89.9	89.9	89.9	89.9	90.0	90.2
≥ 900	49.5	65.2	70.0	81.1	84.5	84.9	87.4	89.2	90.0	90.4	90.6	90.8	90.8	90.8	90.9	91.1
≥ 800	50.3	66.0	70.9	82.5	86.0	86.5	88.9	90.8	91.6	92.2	92.4	92.5	92.5	92.5	92.6	92.8
≥ 700	50.4	66.1	71.0	83.1	86.7	87.1	89.8	91.6	92.7	93.2	93.4	93.5	93.5	93.7	93.8	94.0
≥ 600	50.5	66.2	71.1	83.5	87.6	88.1	90.9	93.0	94.2	94.7	95.1	95.3	95.3	95.4	95.5	95.7
≥ 500	50.5	66.2	71.3	83.9	88.2	88.6	91.8	94.2	95.5	96.1	96.5	96.8	96.8	96.9	97.[illegible]	97.2
≥ 400	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.5	95.9	96.7	97.1	97.5	97.5	97.6	97.7	98.[illegible]
≥ 300	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.1	97.1	97.5	98.0	98.0	98.1	98.2	98.7
≥ 200	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.1	97.2	97.6	98.1	98.1	98.4	98.5	99.0
≥ 100	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.2	97.3	97.7	98.3	98.3	98.6	98.8	99.5
≥ 0	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.2	97.3	97.7	98.3	98.3	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(03083) LAKENHEATH RAF UK 74-83 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300

CEILING (HUNDREDS OF FEET) VS VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)

CEILING (HUNDREDS OF FEET)	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1 GE1½	≥¾ GE1	½ GE¾	≥5/16 GE½	<5/16
22000	27.8	26.9	27.5	29.5	30.4	30.9	32.6	33.5	34.2	34.2	34.5	34.7	34.8	35.1	35.2
20000	22.3	29.5	31.4	32.6	33.8	34.2	36.1	37.1	37.3	37.7	37.7	38.1	38.3	38.4	38.6	38.8
18000	22.6	29.8	30.8	32.9	34.1	34.5	36.5	37.4	37.6	38.1	38.1	38.4	38.6	38.7	38.9	39.1
17000	22.6	29.8	30.8	32.9	34.1	34.5	36.5	37.4	37.6	38.1	38.1	38.4	38.6	38.7	38.9	39.1
16000	22.7	29.9	31.0	33.0	34.2	34.6	36.6	37.5	37.7	38.2	38.2	38.5	38.7	38.8	39.0	39.2
15000	22.7	29.9	30.9	33.0	34.2	34.6	36.6	37.5	37.7	38.2	38.2	38.5	38.7	38.8	39.0	39.2
14000	22.8	30.4	31.5	33.7	34.8	35.3	37.2	38.1	38.5	38.9	38.9	39.2	39.5	39.6	39.8	40.0
13000	23.2	31.0	32.0	34.2	35.4	35.8	37.7	38.8	39.2	39.5	39.5	39.8	40.2	40.1	40.3	40.5
12000	25.9	34.5	35.8	38.2	39.4	39.8	41.7	42.8	43.2	43.4	43.4	43.8	44.2	44.1	44.3	44.8
11000	26.8	35.7	37.2	39.4	40.9	41.3	43.2	44.3	44.5	44.9	44.9	45.3	45.5	45.6	45.8	46.3
10000	26.9	35.9	37.2	39.6	41.1	41.5	43.4	44.5	44.7	45.2	45.2	45.5	45.7	45.8	46.0	46.6
9000	27.6	36.9	38.3	41.0	42.5	42.9	44.8	46.0	46.2	46.7	46.7	47.0	47.2	47.3	47.5	48.1
8500	30.9	41.0	42.5	46.0	47.7	48.2	50.2	51.4	51.8	52.3	52.3	52.6	52.8	52.9	53.2	53.8
8000	34.1	44.6	46.2	50.5	52.6	53.1	55.3	56.6	57.0	57.4	57.4	57.7	58.0	58.1	58.4	58.9
7500	37.2	48.2	49.8	54.6	56.7	57.2	59.4	60.6	61.0	61.6	61.6	61.9	62.3	62.4	62.7	63.2
7000	42.8	54.3	55.9	61.1	63.3	64.0	66.3	67.6	68.0	68.7	68.7	69.1	69.5	69.6	69.9	70.4
6500	44.5	57.2	59.0	65.4	67.7	68.4	70.8	72.0	72.6	73.1	73.1	73.5	74.0	74.2	74.5	75.1
6000	46.7	61.0	62.3	69.6	72.0	72.8	75.2	76.5	77.0	77.5	77.5	78.0	78.4	78.6	78.9	79.5
5500	47.5	61.1	63.0	71.1	73.7	74.4	76.9	78.1	78.6	79.1	79.1	79.6	80.0	80.2	80.5	81.1
5000	49.5	63.8	67.1	75.5	78.2	78.9	81.4	82.8	83.3	84.0	84.0	84.4	84.9	85.1	85.4	85.9
4500	50.5	65.3	69.4	78.6	81.6	82.4	85.2	86.9	87.4	88.1	88.1	88.5	88.9	89.1	89.5	90.0
4000	50.6	65.5	69.7	79.5	82.6	83.3	86.3	88.3	88.8	89.5	89.5	89.9	90.3	90.5	90.9	91.4
3500	51.3	66.6	70.9	80.8	83.9	84.6	87.6	89.6	90.1	90.8	90.8	91.2	91.6	91.8	92.2	92.7
3000	51.4	66.7	71.2	81.6	84.7	85.5	88.5	90.4	91.0	91.6	91.6	92.0	92.5	92.7	93.0	93.5
2500	51.5	66.8	71.4	82.2	85.5	86.3	89.5	91.5	92.2	92.7	92.7	93.1	93.5	93.8	94.1	94.6
2200	51.5	66.8	71.4	82.3	85.8	86.7	90.0	92.2	92.7	93.3	93.3	93.8	94.2	94.4	94.7	95.3
2000	51.5	66.8	71.5	82.4	86.0	86.9	90.3	92.7	93.2	93.9	93.9	94.3	94.7	94.9	95.3	95.8
1800	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
1600	51.5	66.8	71.6	82.5	86.1	87.0	90.9	93.3	94.3	95.6	95.8	96.3	96.8	97.2	97.5	98.2
1400	51.5	66.8	71.6	82.5	86.1	87.0	90.8	93.4	94.6	96.0	96.2	96.9	97.4	98.1	98.5	99.2
1200	51.5	66.8	71.6	82.5	86.1	87.0	90.8	93.4	94.6	96.0	96.2	96.9	97.4	98.4	98.8	99.9
1000	51.5	66.8	71.6	82.5	86.1	87.0	90.9	93.4	94.6	96.0	96.2	96.9	97.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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 LAKENHEATH RAF UK — YEARS 74-82 — ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) — CEILING (HUNDREDS OF METERS)

	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥22	19.5	22.7	24.1	26.3	27.0	27.7	28.2	28.8	29.0	29.3	29.5	29.6	29.6	29.7	29.8	29.8	29.8
≥20	21.1	24.0	27.8	30.5	31.4	31.6	32.5	33.2	33.7	33.7	33.9	34.0	34.1	34.2	34.2	34.2	34.2
≥18	21.3	26.3	28.1	30.7	31.7	31.9	32.8	33.4	33.6	34.1	34.2	34.3	34.4	34.5	34.5	34.5	34.5
≥16	21.3	26.3	28.1	30.7	31.7	31.9	32.8	33.4	33.6	34.1	34.2	34.3	34.4	34.5	34.5	34.5	34.5
≥14	21.4	26.4	28.1	30.8	31.7	31.9	32.8	33.5	33.7	34.1	34.2	34.3	34.4	34.5	34.6	34.6	34.6
≥12	21.5	26.5	28.3	30.9	31.9	32.1	33.0	33.6	33.8	34.2	34.4	34.5	34.6	34.6	34.7	34.7	34.8
≥11	22.4	27.9	29.8	32.6	33.5	33.7	34.7	35.4	35.5	36.0	36.1	36.2	36.3	36.4	36.4	36.5	36.7
≥10	23.2	28.7	30.7	33.7	34.6	34.8	35.9	36.5	36.7	37.1	37.3	37.4	37.4	37.5	37.6	37.6	37.8
≥9	25.1	31.4	33.5	36.9	37.9	38.1	39.2	39.9	40.1	40.5	40.7	40.8	40.8	40.9	41.0	41.0	41.1
≥8	25.8	32.3	34.5	37.8	38.9	39.1	40.2	40.9	41.1	41.5	41.7	41.8	41.9	42.0	42.0	42.0	42.1
≥7	26.9	32.5	34.8	38.2	39.3	39.5	40.5	41.2	41.4	41.8	42.0	42.1	42.2	42.3	42.3	42.3	42.4
≥6	27.2	34.2	36.6	40.5	41.5	41.8	42.4	43.2	43.3	43.6	43.9	44.0	44.1	44.2	44.3	44.3	44.5
≥5	28.0	35.2	41.0	45.2	46.5	46.8	48.1	48.8	49.0	49.5	49.7	49.8	49.9	50.0	50.1	50.1	50.4
≥4	33.2	42.7	45.7	50.9	52.5	52.8	54.7	55.3	55.6	56.1	56.3	56.4	56.4	56.6	56.6	56.7	57.0
≥3	36.5	45.8	49.0	54.4	56.0	56.4	58.0	59.1	59.4	60.0	60.2	60.3	60.4	60.5	60.6	60.6	60.9
≥2½	41.2	51.0	54.4	60.2	62.0	62.5	64.2	65.4	65.8	66.5	66.7	66.8	66.9	67.0	67.1	67.1	67.4
≥2	43.3	53.8	57.6	63.8	65.8	66.3	68.1	69.3	69.6	70.3	70.5	70.7	70.8	70.9	71.0	71.0	71.3
≥1½	47.1	58.7	62.9	71.1	73.4	73.9	74.9	76.3	76.8	77.5	77.7	77.9	78.0	78.1	78.2	78.2	78.4
≥1	48.7	59.6	63.9	71.3	73.7	74.2	75.2	77.7	78.2	78.9	79.1	79.3	79.4	79.5	79.5	79.5	79.8
≥¾	49.3	61.9	66.6	74.7	77.2	77.7	79.8	81.5	82.0	82.8	83.0	83.2	83.3	83.4	83.5	83.5	83.8
≥½	53.5	63.8	68.0	77.7	80.7	80.9	83.3	85.0	85.6	86.5	86.7	86.9	87.0	87.1	87.2	87.2	87.6
≥¼	54.9	64.3	69.7	78.8	81.6	82.3	84.8	86.7	87.7	88.3	88.5	88.7	88.8	88.9	89.1	89.1	89.4
0	55.7	64.6	70.1	79.3	82.2	82.9	85.5	87.4	88.1	89.0	89.2	89.4	89.5	89.7	89.8	90.0	90.2
	56.3	64.9	70.6	80.2	83.2	83.9	86.7	88.7	89.3	90.3	90.6	90.8	90.9	91.1	91.2	91.5	91.8
	56.4	65.2	71.1	81.0	84.2	84.8	87.8	89.9	90.6	91.7	91.9	92.1	92.2	92.4	92.6	92.9	93.2
	56.5	65.4	71.4	81.6	85.0	85.8	88.8	91.1	91.9	92.9	93.2	93.4	93.5	93.8	93.9	94.3	94.7
	56.6	65.5	71.5	82.0	85.6	86.3	89.5	92.0	92.9	94.0	94.3	94.6	94.7	95.0	95.1	95.5	95.9
	56.6	65.5	71.6	82.1	85.8	86.6	89.9	92.6	93.6	94.9	95.3	95.6	95.8	96.1	96.2	96.6	97.0
	56.6	65.5	71.6	82.1	85.9	86.7	90.1	92.9	94.1	95.6	96.1	96.4	96.6	97.1	97.2	97.8	98.2
	56.6	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.1	95.8	96.4	96.7	97.1	97.5	98.1	98.7	99.1
	56.6	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.1	95.8	96.4	96.8	97.2	98.0	98.5	99.2	99.7
	56.6	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.2	95.8	96.4	96.8	97.2	98.1	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 74-87 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR [illegible]-[illegible]

VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)

CEILING FEET OR (METERS)	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
[illegible]	19.1	23.3	25.9	25.1	26.5	26.5	28.8	29.4	29.5	30.7	30.6	30.7	30.9	31.4	32.3
[illegible]	19.1	23.1	26.2	28.9	30.8	30.8	33.2	33.8	34.9	34.8	35.2	35.2	35.1	35.4	35.9	36.7
[illegible]	19.2	23.3	26.1	29.0	30.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.1	36.8
[illegible]	19.2	23.3	26.1	29.0	31.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.2	36.9
[illegible]	19.2	23.3	26.1	29.0	31.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.2	36.9
[illegible]	19.3	23.5	26.4	29.3	31.2	31.2	33.6	34.2	34.7	35.1	35.4	35.4	35.5	35.7	36.2	37.1
[illegible]	19.3	24.6	27.5	30.7	32.6	32.5	35.0	35.6	35.7	36.6	36.8	36.8	36.9	37.2	37.6	38.5
[illegible]	19.7	24.9	27.8	31.1	33.0	33.0	35.4	36.0	36.1	36.9	37.2	37.2	37.3	37.5	38.0	38.8
[illegible]	21.7	27.5	30.9	34.7	36.8	36.7	39.1	39.7	39.8	40.6	40.9	40.9	41.0	41.2	41.7	42.6
[illegible]	21.9	27.7	31.0	35.5	37.4	37.5	39.9	40.5	40.6	41.5	41.7	41.7	41.8	42.1	42.6	43.4
[illegible]	21.9	27.7	31.0	35.6	37.5	37.6	40.0	40.6	40.8	41.6	41.8	41.8	42.0	42.2	42.7	43.5
[illegible]	22.9	28.8	33.1	36.8	38.7	38.8	41.6	42.2	42.4	43.3	43.5	43.5	43.6	43.9	44.4	45.2
[illegible]	25.5	32.1	37.1	41.0	43.4	43.5	46.5	47.1	47.5	48.3	48.6	48.6	48.9	49.2	49.6	50.5
[illegible]	27.8	34.5	39.6	44.2	47.0	47.4	50.4	51.0	51.6	52.4	52.6	52.6	53.0	53.2	53.7	54.6
[illegible]	29.9	38.4	43.8	48.6	51.3	51.7	55.4	56.0	56.7	57.6	57.8	57.8	58.2	58.4	58.9	59.7
[illegible]	31.5	40.9	47.1	52.4	55.4	55.8	59.6	60.3	61.0	61.9	62.1	62.1	62.5	62.7	63.2	64.0
[illegible]	33.5	43.3	49.8	55.5	58.9	59.2	63.2	63.9	64.6	65.6	65.8	65.8	66.2	66.4	66.9	67.7
[illegible]	35.7	46.8	53.9	60.3	63.7	64.0	68.2	68.9	69.7	70.6	71.0	71.0	71.5	71.7	72.2	73.0
[illegible]	36.7	47.1	54.4	61.4	65.0	65.3	69.3	70.4	71.1	72.2	72.5	72.5	73.0	73.3	73.7	74.6
[illegible]	37.6	49.2	57.1	64.3	68.0	68.3	72.3	73.6	74.3	75.4	75.9	75.8	76.3	76.5	77.2	77.8
[illegible]	38.8	50.8	59.7	66.8	70.6	71.0	75.2	77.0	77.7	78.9	79.3	79.3	79.7	80.0	80.5	81.4
[illegible]	39.4	51.8	60.4	68.8	72.8	73.3	78.7	80.2	80.9	82.1	82.7	82.7	83.2	83.5	83.9	84.9
[illegible]	39.6	52.2	60.9	69.9	74.0	74.5	79.9	81.5	82.3	83.5	84.1	84.1	84.5	84.8	85.3	86.2
[illegible]	39.8	52.5	61.8	70.9	74.9	75.4	80.8	82.5	83.2	84.4	85.0	85.0	85.5	85.7	86.2	87.2
[illegible]	40.3	53.1	62.7	71.9	76.0	76.5	82.1	83.9	84.8	86.0	86.6	86.6	87.1	87.3	87.8	88.7
[illegible]	40.3	53.2	62.9	72.3	76.4	76.9	82.5	84.3	85.3	86.7	87.5	87.5	88.0	88.2	88.7	89.7
[illegible]	40.9	53.6	63.5	73.4	77.6	78.2	84.3	86.8	88.0	89.8	90.6	90.6	91.1	91.5	92.0	92.9
[illegible]	40.9	53.6	63.7	73.6	77.8	78.4	84.8	87.4	88.6	90.4	91.2	91.2	91.7	92.1	92.6	93.8
[illegible]	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	91.7	92.6	92.6	93.3	93.6	94.2	95.4
[illegible]	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.6	95.6	98.2
[illegible]	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.7	95.8	99.8
[illegible]	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.7	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 | LAKENHEATH RAF UK | 74-87 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0800
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥ GE0	≥5/16 GE0	≥ GE0	≥0 GE0
20000	14.1	18.2	20.4	23.6	24.2	24.2	26.7	28.0	28.3	29.1	29.1	29.1	29.1	29.1	30.7
15000	16.5	21.4	24.2	28.0	28.7	28.7	30.9	32.7	33.0	33.7	33.7	33.7	33.7	33.7	34.2	35.4
10000	16.5	21.4	24.4	28.2	28.9	28.9	31.1	32.9	33.3	34.0	34.0	34.0	34.0	34.0	34.4	35.6
9000	16.5	21.4	24.4	28.2	28.9	28.9	31.1	32.9	33.3	34.0	34.0	34.0	34.0	34.0	34.4	35.6
8000	16.5	21.4	24.4	28.2	28.9	28.9	31.1	32.9	33.3	34.0	34.0	34.0	34.0	34.0	34.4	35.6
7000	16.6	21.5	24.6	28.5	29.2	29.2	31.2	33.1	33.5	34.2	34.2	34.2	34.2	34.2	34.7	35.9
6000	17.6	22.8	26.2	29.9	30.6	30.6	32.8	34.6	34.9	35.6	35.6	35.6	35.6	35.6	36.1	37.3
5000	18.7	24.0	27.2	31.1	31.8	31.8	34.0	35.8	36.1	36.8	36.8	36.8	36.8	36.8	37.3	38.5
4500	20.5	26.3	29.4	33.9	34.6	34.6	36.7	38.5	38.9	39.6	39.6	39.6	39.6	39.6	40.1	41.3
4000	21.3	27.2	30.6	35.0	35.8	35.8	37.9	39.7	40.1	40.8	40.8	40.8	40.8	40.8	41.3	42.5
3500	21.4	27.3	30.7	35.2	35.9	35.9	38.0	39.8	40.2	40.9	40.9	40.9	40.9	40.9	41.4	42.6
3000	21.9	28.3	32.2	37.1	37.8	37.8	40.2	42.0	42.3	43.1	43.1	43.1	43.1	43.1	43.5	44.7
2500	23.8	31.1	35.4	41.0	42.0	42.1	44.5	46.7	47.0	47.7	47.7	47.7	47.7	47.7	48.2	49.4
2000	25.8	34.2	38.8	45.6	46.7	46.9	49.5	51.8	52.8	53.5	53.5	53.5	53.5	53.5	53.9	55.1
1800	28.5	38.0	43.2	50.5	51.6	51.8	54.9	57.2	58.1	58.9	58.9	58.9	58.9	58.9	59.3	60.5
1500	30.0	40.1	45.9	53.5	54.7	55.0	58.3	60.5	61.5	62.2	62.2	62.2	62.2	62.2	62.7	63.9
1200	31.8	42.2	48.3	56.2	57.4	57.8	61.2	63.8	64.7	65.4	65.4	65.4	65.4	65.4	65.9	67.1
1000	35.2	46.4	53.2	61.8	63.0	63.4	67.2	70.2	71.2	71.9	72.1	72.1	72.1	72.1	72.6	73.8
900	35.7	46.8	53.8	62.7	63.9	64.4	67.9	71.2	72.1	72.8	73.1	73.1	73.1	73.1	73.6	74.8
800	37.1	48.9	56.1	65.8	67.1	67.7	72.1	75.2	76.2	76.9	77.2	77.2	77.2	77.2	77.6	78.8
700	37.4	49.8	57.1	67.8	69.9	70.6	75.1	78.3	79.4	80.3	80.5	80.5	80.5	80.5	81.0	82.2
600	37.8	50.1	57.7	68.4	70.5	71.2	76.1	79.2	80.3	81.1	81.3	81.3	81.3	81.3	81.8	83.1
500	37.8	50.1	57.8	68.7	70.7	71.4	76.2	79.5	80.6	81.5	81.7	81.7	81.7	81.7	82.2	83.4
400	38.0	50.5	58.5	69.6	72.2	73.0	78.1	81.8	83.0	84.2	84.4	84.4	84.4	84.6	85.0	86.2
300	38.0	50.5	58.7	70.1	72.7	73.4	79.1	82.8	84.1	85.3	85.5	85.5	85.5	85.6	86.1	87.3
200	38.2	50.6	58.9	70.5	73.3	74.0	79.9	83.7	85.2	86.4	86.6	86.6	86.6	86.7	87.2	88.4
100	38.3	50.7	59.1	70.9	73.8	74.5	80.9	85.0	86.8	88.2	88.4	88.4	88.4	88.5	89.0	90.2
0	38.3	50.7	59.1	70.9	74.0	75.0	81.3	85.5	87.4	89.6	90.0	90.1	90.1	90.2	90.9	92.2
300	38.3	50.7	59.1	70.9	74.2	75.1	81.8	86.1	88.3	90.8	91.4	91.7	92.0	92.3	93.1	94.4
200	38.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	94.6	96.9
100	38.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	95.0	99.0
0	38.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 LAKENHEATH RAF UK 74-82 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2300
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1 GE2	≥¾ GE1	≥½ GE1	≥¼ GE1	≥0 GE0	≥5/8 GE0	≥½ GE0	≥0 GE0
UNLTD	11.7	15.3	17.8	19.4	20.5	20.9	22.2	22.5	23.8	25.0	25.3	25.6	25.7	25.8	26.3	26.9
≥ 20000	13.5	17.8	20.6	22.6	23.9	24.3	25.6	27.2	27.5	28.7	29.2	29.4	29.5	29.6	30.1	30.8
≥ 18000	13.6	18.0	21.0	23.1	24.4	24.7	26.0	27.7	28.0	29.3	29.7	30.0	30.1	30.2	30.7	31.4
≥ 16000	13.6	18.0	21.0	23.1	24.4	24.7	26.0	27.7	28.0	29.3	29.7	30.0	30.1	30.2	30.7	31.4
≥ 14000	13.6	18.2	21.1	23.2	24.5	24.9	26.2	27.8	28.1	29.4	29.9	30.1	30.2	30.3	30.8	31.5
≥ 12000	13.7	18.3	21.3	23.4	24.7	25.1	26.4	28.3	28.6	29.9	30.3	30.6	30.7	30.8	31.3	32.0
≥ 10000	14.7	19.6	22.6	24.9	26.7	26.6	28.1	29.9	30.2	31.5	32.1	32.4	32.5	32.6	33.1	33.8
≥ 9000	15.4	20.7	23.9	26.2	27.6	28.0	29.3	31.2	31.5	32.9	33.5	33.7	33.8	33.9	34.4	35.1
≥ 8000	16.7	22.0	25.2	27.5	28.9	29.3	30.6	32.5	32.8	34.2	34.8	35.0	35.1	35.2	35.7	36.4
≥ 7000	17.4	23.1	26.5	29.1	30.6	30.9	32.3	34.2	34.5	35.8	36.4	36.7	36.8	36.9	37.4	38.2
≥ 6000	17.4	23.1	26.6	29.2	30.7	31.1	32.4	34.3	34.6	36.0	36.6	36.8	36.9	37.0	37.5	38.4
≥ 5000	18.6	24.7	28.9	32.3	33.8	34.2	35.6	37.5	37.9	39.2	39.8	40.0	40.1	40.3	40.7	41.6
≥ 4500	20.3	27.2	31.7	35.6	37.2	37.5	39.2	41.2	41.6	43.0	43.7	44.2	44.3	44.4	44.9	45.8
≥ 4000	23.2	31.5	35.1	39.8	41.6	42.1	44.4	47.0	47.4	48.9	49.6	50.1	50.2	50.3	50.8	51.6
≥ 3500	25.6	33.6	38.7	43.7	45.6	46.1	48.9	51.5	52.0	53.4	54.2	54.7	54.8	55.0	55.6	56.4
≥ 3000	27.7	36.3	41.5	47.3	49.0	49.6	52.4	55.2	55.7	57.1	57.9	58.4	58.5	58.7	59.3	60.1
≥ 2500	29.3	38.1	44.0	50.1	52.1	52.7	55.8	58.7	59.1	60.6	61.4	61.9	62.0	62.1	62.7	63.6
≥ 2000	31.4	41.6	48.3	55.4	57.5	58.2	61.3	64.6	65.4	66.8	67.6	68.2	68.3	68.5	69.1	69.9
≥ 1800	31.7	42.3	49.0	56.3	58.5	59.4	62.7	66.1	66.8	68.2	69.1	69.7	69.8	69.9	70.5	71.3
≥ 1600	32.5	44.1	51.9	58.9	61.5	62.6	66.2	70.0	71.0	72.6	73.5	74.1	74.2	74.3	74.9	75.7
≥ 1400	33.5	45.6	52.7	61.3	64.0	65.1	68.9	73.2	74.2	76.0	76.9	77.5	77.7	77.8	78.4	79.2
≥ 1200	33.8	46.0	53.0	61.9	65.0	66.1	70.1	74.6	75.7	77.5	78.5	79.1	79.2	79.3	79.9	80.8
≥ 1000	34.1	46.2	53.5	62.5	65.6	66.7	70.8	75.3	76.5	78.3	79.2	79.8	79.9	80.0	80.6	81.5
≥ 900	34.4	46.7	54.4	63.7	66.8	67.9	72.5	77.2	78.4	80.3	81.2	81.8	82.0	82.1	82.7	83.5
≥ 800	34.4	46.7	54.5	64.0	67.4	68.5	73.4	79.2	80.5	82.8	84.0	84.6	84.7	84.8	85.4	86.3
≥ 700	34.4	46.7	54.6	64.3	68.2	69.3	75.5	81.6	82.1	84.5	85.8	86.4	86.5	86.6	87.2	88.1
≥ 600	34.5	46.8	54.7	64.6	68.8	70.0	76.9	82.9	84.8	87.2	88.5	89.1	89.4	89.5	90.1	90.9
≥ 500	34.5	46.8	54.7	64.8	69.1	70.3	77.5	84.0	85.9	88.4	89.7	90.4	90.7	90.8	91.4	92.4
≥ 400	34.5	46.8	54.7	64.8	69.1	70.3	77.5	84.3	86.3	89.2	90.6	91.3	92.0	92.4	93.1	94.4
≥ 300	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.5	95.0	97.6
≥ 200	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.5	95.3	99.2
≥ 100	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.7	95.5	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2	≥1 GE24	≥1 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥1 GE8	≥5/8 GE5	≥1/2 GE4	≥0 GE0
UNLIMITED	11.6	14.9	17.1	20.0	21.7	22.1	22.9	23.9	24.1	24.4	24.4	24.4	24.4	24.5	24.5	24.5
≥ 20000	13.5	17.1	19.8	23.5	26.2	26.6	27.8	28.9	29.2	29.4	29.4	29.4	29.4	29.5	29.5	29.5
≥ 18000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
≥ 16000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
≥ 14000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
≥ 12000	14.0	17.6	20.3	24.0	26.6	27.1	28.3	29.6	29.9	30.1	30.1	30.1	30.1	30.2	30.2	30.2
≥ 11000	15.2	19.1	21.9	25.8	28.6	29.0	30.2	31.5	31.8	32.0	32.0	32.1	32.1	32.3	32.3	32.3
≥ 10000	15.4	19.5	22.3	26.6	29.4	29.9	31.1	32.4	32.6	32.9	32.9	33.0	33.0	33.1	33.1	33.1
≥ 9000	17.1	21.3	24.6	29.0	31.8	32.4	33.6	34.9	35.1	35.4	35.4	35.5	35.5	35.6	35.6	35.6
≥ 8000	18.3	22.8	26.3	30.8	33.6	34.3	35.7	37.2	37.4	37.8	37.8	37.9	37.9	38.0	38.0	38.1
≥ 7000	18.5	23.1	26.5	31.1	33.8	34.5	36.0	37.5	37.8	38.1	38.1	38.2	38.2	38.4	38.4	38.5
≥ 6000	19.6	24.4	27.8	33.3	36.2	36.9	38.6	40.1	40.4	40.7	40.7	40.9	40.9	41.0	41.0	41.1
≥ 5000	20.9	26.4	30.0	35.8	38.8	39.5	41.3	43.0	43.2	43.8	43.8	44.2	44.2	44.3	44.3	44.6
≥ 4500	24.5	31.1	34.6	41.3	44.6	45.3	47.2	49.1	49.3	49.9	49.9	50.3	50.3	50.4	50.4	50.7
≥ 4000	25.9	33.2	37.0	44.2	47.4	48.1	50.3	52.4	52.7	53.3	53.4	54.0	54.0	54.1	54.1	54.4
≥ 3500	28.3	36.2	40.3	47.6	51.0	51.7	54.0	56.3	56.5	57.7	57.8	58.4	58.4	58.5	58.5	58.8
≥ 3000	29.2	37.8	41.8	49.7	53.5	54.2	56.8	59.4	59.6	60.8	60.9	61.5	61.5	61.6	61.6	61.9
≥ 2500	30.9	41.5	46.0	54.5	58.5	59.4	62.5	65.7	66.1	67.3	67.4	68.0	68.0	68.1	68.1	68.3
≥ 2000	31.1	41.7	46.6	55.6	59.9	60.8	63.9	67.1	67.5	68.7	68.8	69.4	69.4	69.5	69.5	69.8
≥ 1800	32.0	43.0	48.5	57.8	62.8	63.8	67.1	70.7	71.1	72.5	72.6	73.2	73.2	73.4	73.4	73.6
≥ 1500	32.9	44.2	49.8	59.6	65.2	66.3	70.1	74.3	74.7	76.3	76.7	77.3	77.5	77.7	77.7	77.9
≥ 1200	33.0	44.9	50.8	61.2	67.0	68.5	72.4	76.7	77.3	79.2	79.6	80.2	80.4	80.5	80.5	80.8
≥ 1000	33.2	45.4	51.3	61.8	68.2	69.7	73.6	77.9	78.5	80.5	80.9	81.5	81.7	81.8	81.8	82.1
≥ 900	33.6	45.8	51.9	62.8	69.7	71.1	75.5	80.2	80.9	83.2	83.5	84.1	84.3	84.5	84.5	84.7
≥ 800	33.6	45.9	52.0	63.6	71.0	72.4	77.1	82.1	82.9	85.7	86.1	86.7	87.0	87.1	87.1	87.3
≥ 700	33.6	46.0	52.1	63.7	71.4	73.0	78.0	83.9	84.8	87.9	88.4	89.2	89.5	89.6	89.6	89.8
≥ 600	33.6	46.0	52.1	64.2	72.2	74.1	79.2	86.0	87.1	90.4	91.2	92.2	92.5	92.7	92.7	93.0
≥ 500	33.6	46.0	52.1	64.2	72.2	74.1	79.3	86.4	87.9	91.5	92.6	93.8	94.0	94.4	94.4	94.6
≥ 400	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.3	94.9	95.1	96.2	96.3	96.7
≥ 300	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.4	95.0	95.6	97.1	97.4	98.9
≥ 200	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.4	95.0	95.6	97.1	97.4	99.6
≥ 100	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.4	95.0	95.6	97.1	97.4	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 837

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

STEP31 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	11.9	15.3	16.2	19.4	21.0	21.1	21.4	21.6	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000	15.1	19.1	21.0	25.0	26.9	27.0	27.4	27.7	27.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 18000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 16000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 14000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 12000	15.8	20.0	21.9	25.8	27.8	28.0	28.4	28.8	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 10000	17.3	21.3	23.2	27.1	29.2	29.3	29.7	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 9000	17.7	22.0	24.0	28.2	30.2	30.3	30.9	31.2	31.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 8000	20.4	24.9	27.4	31.7	33.7	33.8	34.4	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 7000	21.4	26.4	29.7	33.0	35.1	35.2	36.0	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 6000	21.5	26.2	28.8	33.3	35.5	35.7	36.4	36.9	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 5000	22.8	28.2	30.9	35.8	38.0	38.2	38.9	39.4	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 4500	24.6	30.5	33.6	38.7	41.0	41.2	41.9	42.7	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 4000	28.9	35.4	39.1	44.7	47.0	47.2	47.9	48.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 3500	32.1	39.4	43.6	50.3	52.6	52.8	53.5	54.6	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3000	37.6	45.4	49.9	57.1	59.9	60.2	60.9	62.0	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 2500	38.7	47.3	52.1	59.9	62.8	63.2	64.2	65.4	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	41.2	52.1	57.2	65.8	68.9	69.4	70.4	71.8	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	41.6	52.6	57.7	66.4	69.7	70.1	71.2	72.6	73.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	43.1	55.3	60.9	70.6	74.2	74.7	76.5	78.1	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	44.4	57.2	63.3	74.2	78.6	79.1	81.5	84.0	84.7	85.9	85.9	85.9	85.9	86.1	86.1	86.1
≥ 1000	44.9	58.2	63.9	76.0	80.9	81.5	84.3	87.0	87.7	88.9	88.9	89.0	89.0	89.2	89.2	89.2
≥ 900	45.0	58.4	64.2	76.5	81.5	82.1	84.7	87.7	88.4	89.7	89.7	89.8	89.8	90.1	90.1	90.1
≥ 800	45.2	58.5	64.6	77.3	82.8	83.6	86.7	90.4	91.2	92.5	92.5	92.6	92.6	92.8	92.8	92.8
≥ 700	45.2	58.5	64.6	77.3	82.9	83.8	87.2	91.3	92.0	93.9	93.9	94.0	94.0	94.3	94.3	94.3
≥ 600	45.2	58.5	64.6	77.3	83.2	84.0	87.7	91.9	92.7	94.9	95.0	95.1	95.1	95.3	95.3	95.3
≥ 500	45.2	58.5	64.6	77.3	83.3	84.1	87.8	92.2	93.2	95.6	95.8	96.1	96.1	96.3	96.3	96.3
≥ 400	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.8	97.1	97.3	98.7	98.7	98.8
≥ 300	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	97.3	97.7	98.7	98.7	98.7	98.7
≥ 200	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	97.3	97.8	98.1	98.9	98.9	99.6
≥ 100	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	97.3	97.8	98.1	99.0	99.0	99.9
≥ 0	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	97.3	97.8	98.1	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE9	≥9 GE8	≥8 GE7	≥7 GE6	≥6 GE5	≥5 GE4	≥4 GE3	≥3 GE2½	≥2½ GE2	≥2 GE1½	≥1½ GE1¼	≥1¼ GE1	≥1 GE¾	≥¾ GE½	≥½ GE¼	≥¼ GE0
NO CEILING	13.6	17.4	19.1	21.5	22.4	22.6	23.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 20000	17.1	21.8	23.9	27.9	29.5	29.6	30.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 18000	17.1	22.0	24.0	28.0	29.6	29.7	30.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000	17.1	22.0	24.0	28.0	29.6	29.7	30.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 14000	17.1	22.0	24.0	28.0	29.6	29.7	30.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 12000	17.1	22.1	24.1	28.2	29.7	29.8	30.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 11000	17.9	23.3	25.4	29.6	31.1	31.3	32.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 10000	18.1	23.9	26.0	30.4	32.0	32.1	32.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 9000	20.4	26.6	29.4	33.8	35.3	35.6	36.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 8000	21.2	27.4	30.4	34.8	36.4	36.6	37.5	38.4	38.4	38.4	38.7	38.7	38.8	38.8	38.8	38.8
≥ 7000	21.6	27.9	30.9	35.3	36.9	37.1	37.9	38.9	38.9	38.9	39.1	39.1	39.3	39.3	39.3	39.3
≥ 6000	22.0	29.0	32.1	36.6	38.2	38.4	39.3	40.2	40.2	40.2	40.6	40.6	40.7	40.7	40.7	40.7
≥ 5000	24.6	32.6	36.2	41.3	42.8	43.1	43.9	44.9	44.9	44.9	45.2	45.2	45.3	45.3	45.3	45.3
≥ 4500	27.6	36.3	40.3	46.1	47.9	48.1	48.9	49.9	49.9	49.9	50.2	50.2	50.4	50.4	50.4	50.4
≥ 4000	31.4	41.7	45.1	51.1	53.1	53.3	54.4	55.8	55.8	56.0	56.3	56.3	56.4	56.4	56.4	56.4
≥ 3500	36.9	47.9	52.9	59.4	61.8	62.1	63.5	64.9	65.[illegible]	65.5	65.9	65.9	66.0	66.0	66.0	66.0
≥ 3000	38.7	49.8	54.9	62.1	64.6	64.9	66.3	67.8	67.9	68.4	68.7	68.7	68.9	68.9	68.9	68.9
≥ 2500	41.5	54.3	60.1	68.6	71.8	72.2	74.2	75.8	76.0	76.6	77.0	77.0	77.1	77.1	77.1	77.1
≥ 2000	42.[illegible]	54.8	60.6	69.5	72.7	73.0	75.2	76.7	77.0	77.6	77.9	77.9	78.0	78.0	78.0	78.0
≥ 1800	42.7	56.3	62.6	73.5	77.0	77.3	79.6	81.3	81.5	82.2	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1500	43.6	57.9	64.9	76.8	81.9	81.3	84.1	85.9	86.3	87.1	87.5	87.8	87.9	87.9	87.9	87.9
≥ 1200	43.7	58.2	65.4	77.9	82.8	83.2	86.3	88.3	88.7	89.7	90.1	90.5	90.6	90.6	90.6	90.6
≥ 1000	43.7	58.2	65.4	77.9	83.2	83.5	87.0	89.1	89.5	90.7	91.1	91.4	91.5	91.5	91.5	91.5
≥ 900	43.7	58.2	65.4	78.2	83.4	83.9	87.5	90.7	91.2	92.8	93.2	93.7	93.8	93.8	93.8	93.8
≥ 800	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	94.0	94.6	95.1	95.2	95.2	95.2	95.2
≥ 700	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.9	92.4	94.4	95.0	95.6	95.7	95.7	95.7	95.7
≥ 600	43.8	58.4	65.6	78.5	84.0	84.6	88.7	92.8	93.6	95.8	96.7	97.4	97.6	97.6	97.6	97.6
≥ 500	43.8	58.4	65.6	78.5	84.0	84.6	88.7	92.8	93.6	95.8	96.8	97.5	97.7	97.9	97.9	97.9
≥ 400	43.8	58.4	65.6	78.5	84.0	84.6	88.8	93.1	93.8	96.4	97.6	98.6	98.8	99.0	99.0	99.0
≥ 300	43.8	58.4	65.6	78.5	84.0	84.6	88.8	93.1	93.8	96.4	97.6	98.6	98.8	99.2	99.2	99.4
≥ 200	43.8	58.4	65.6	78.5	84.0	84.6	88.8	93.1	93.8	96.4	97.6	98.6	98.8	99.2	99.2	100.0
≥ 100	43.8	58.4	65.6	78.5	84.0	84.6	88.8	93.1	93.8	96.4	97.6	98.6	98.8	99.2	99.2	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 838

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03721 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR) 1800-2100

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1 GE2	≥¾ GE1	≥½ GE1	≥¼ GE1	≥0 GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	16.4	22.8	23.8	27.8	27.6	27.7	29.1	29.4	29.6	29.6	29.6	29.6	29.7	29.9	30.0	30.2
≥ 20000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥ 18000	18.8	24.1	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥ 16000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥ 14000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥ 12000	18.8	24.0	27.5	31.7	33.1	33.2	34.6	35.2	35.5	35.5	35.5	35.5	35.6	35.7	35.8	36.1
≥ 10000	19.1	24.5	28.0	32.1	33.6	33.7	35.1	35.7	36.0	36.0	36.0	36.0	36.1	36.2	36.3	36.6
≥ 9000	19.7	25.4	29.2	33.5	34.9	35.0	36.4	37.0	37.3	37.3	37.3	37.3	37.4	37.5	37.6	37.9
≥ 8000	21.5	28.0	31.8	36.4	38.2	38.4	39.8	40.4	40.6	40.6	40.6	40.6	40.7	40.9	41.0	41.2
≥ 7000	22.7	28.6	32.6	37.3	39.1	39.2	40.6	41.2	41.5	41.6	41.6	41.6	41.9	42.1	42.2	42.4
≥ 6000	22.1	29.0	33.1	37.8	39.5	39.7	41.1	41.7	41.9	42.1	42.1	42.1	42.4	42.5	42.7	42.9
≥ 5000	24.1	31.4	35.6	40.3	42.2	42.3	43.7	44.6	44.8	45.0	45.0	45.0	45.4	45.5	45.6	45.9
≥ 4500	26.6	34.4	39.3	44.9	47.0	47.1	48.5	49.5	49.8	50.1	50.1	50.1	50.4	50.5	50.7	50.9
≥ 4000	30.2	38.9	44.3	50.8	53.0	53.2	54.6	55.7	56.0	56.3	56.3	56.3	56.6	56.8	56.9	57.1
≥ 3500	32.7	42.1	47.7	54.2	56.6	56.8	58.3	59.9	60.2	60.5	60.5	60.5	60.8	60.9	61.1	61.3
≥ 3000	35.8	46.4	52.3	59.5	62.1	62.2	64.2	65.7	66.1	66.4	66.4	66.4	66.8	66.9	67.0	67.3
≥ 2500	36.8	48.4	54.4	62.4	65.1	65.2	67.1	68.7	69.1	69.4	69.4	69.4	69.8	69.9	70.0	70.3
≥ 2000	38.9	51.5	59.7	69.2	71.9	72.0	74.2	75.9	76.2	76.7	76.7	76.7	77.1	77.2	77.3	77.5
≥ 1800	39.1	51.7	60.1	69.7	72.4	72.5	74.7	76.5	76.8	77.3	77.3	77.3	77.7	77.8	77.9	78.1
≥ 1500	40.6	54.0	63.3	74.4	77.5	77.9	80.2	82.2	82.6	83.0	83.0	83.0	83.4	83.5	83.6	83.9
≥ 1200	41.1	54.6	64.2	76.5	80.2	80.6	83.4	85.4	85.8	86.6	86.7	86.7	87.1	87.2	87.3	87.6
≥ 1000	41.2	54.7	64.5	77.2	81.2	81.8	84.7	86.9	87.3	88.4	88.5	88.5	88.9	89.0	89.1	89.4
≥ 900	41.2	54.7	64.5	77.5	82.0	82.7	85.7	87.8	88.3	89.4	89.5	89.5	89.8	90.0	90.1	90.3
≥ 800	41.5	55.0	64.9	77.9	82.4	83.3	86.5	89.6	90.4	91.8	91.9	91.9	92.2	92.4	92.5	92.7
≥ 700	41.6	55.2	65.1	78.4	82.9	83.8	87.6	90.8	92.0	93.3	93.4	93.4	93.8	93.9	94.0	94.3
≥ 600	41.7	55.3	65.4	78.6	83.2	84.0	88.1	91.3	92.5	94.3	94.4	94.4	94.7	94.9	95.0	95.2
≥ 500	41.7	55.3	65.4	78.9	83.5	84.5	88.6	92.0	93.5	95.7	95.8	95.9	96.4	96.5	96.7	96.9
≥ 400	41.7	55.3	65.4	78.9	83.6	84.6	89.0	92.8	94.4	96.8	96.9	97.1	97.6	97.7	97.8	98.1
≥ 300	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.0	97.5	97.6	97.8	98.6	98.8	98.9	99.2
≥ 200	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.0	98.7	99.0	99.2	99.4
≥ 100	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.1	98.8	99.3	99.4	100.0
≥ 0	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.1	98.8	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

03331 LAKENHEATH RAF UK 74-83 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1
NO CEILING	19.0	23.7	26.9	29.5	31.1	31.1	33.1	33.7	33.7	34.1	34.1	34.2	34.5	34.9	35.0	35.1
≥ 25000	20.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
≥ 18000	20.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
≥ 16000	20.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
≥ 14000	20.8	25.8	29.2	32.5	35.0	35.0	37.5	38.2	38.2	38.7	38.7	38.8	39.2	39.4	39.7	39.8
≥ 12000	21.1	26.2	29.5	32.9	35.4	35.4	37.9	38.6	38.6	39.1	39.1	39.2	39.5	39.8	40.0	40.1
≥ 10000	22.1	27.1	30.5	34.4	36.9	36.9	39.4	40.1	40.1	40.6	40.6	40.7	41.1	41.3	41.6	41.7
≥ 9000	22.5	28.0	31.3	35.2	37.8	37.8	40.3	41.0	41.0	41.5	41.5	41.7	42.1	42.3	42.5	42.7
≥ 8000	24.4	30.5	33.8	38.1	40.6	40.9	43.5	44.2	44.2	44.7	44.7	44.9	45.3	45.5	45.8	45.9
≥ 7000	24.6	30.8	34.5	38.8	41.3	41.6	44.2	44.9	44.9	45.4	45.4	45.6	46.0	46.2	46.5	46.6
≥ 6000	24.6	30.8	34.5	38.8	41.3	41.6	44.2	44.9	44.9	45.4	45.4	45.6	46.0	46.2	46.5	46.6
≥ 5000	25.2	31.3	35.5	39.9	42.4	42.7	45.6	46.5	46.7	47.2	47.2	47.4	47.8	48.0	48.3	48.4
≥ 4500	26.6	34.5	38.5	43.5	46.1	46.6	49.6	50.4	51.0	51.5	51.5	51.7	52.1	52.3	52.6	52.7
≥ 4000	29.5	37.8	42.2	47.3	50.2	50.7	53.9	54.7	55.3	55.8	55.8	56.0	56.4	56.6	56.9	57.0
≥ 3500	31.8	40.5	45.0	50.3	53.2	53.8	57.5	58.3	58.9	59.4	59.4	59.6	60.0	60.2	60.5	60.6
≥ 3000	35.5	45.0	50.2	55.6	58.7	59.3	63.0	64.0	64.6	65.1	65.1	65.4	65.7	65.9	66.2	66.3
≥ 2500	37.5	48.3	53.9	59.4	62.7	63.3	67.1	68.2	68.8	69.3	69.3	69.5	69.9	70.1	70.4	70.5
≥ 2000	39.2	51.0	57.7	64.6	68.6	69.2	73.0	74.1	74.7	75.1	75.1	75.4	75.7	76.0	76.2	76.3
≥ 1800	39.7	51.9	58.5	65.8	69.8	70.4	74.2	75.3	75.9	76.3	76.3	76.6	76.9	77.2	77.4	77.5
≥ 1500	40.5	53.8	61.5	70.3	74.3	74.9	78.7	79.8	80.6	81.1	81.1	81.4	81.7	82.0	82.2	82.3
≥ 1200	41.2	55.0	62.8	72.6	76.8	77.5	82.0	83.3	83.9	84.5	84.5	84.7	85.1	85.3	85.5	85.7
≥ 1000	41.3	55.3	63.4	74.3	79.1	79.9	84.7	86.3	86.9	87.5	87.5	87.7	88.1	88.3	88.5	88.6
≥ 900	41.8	55.8	64.0	75.3	80.3	81.1	85.9	87.7	88.3	88.9	88.9	89.1	89.5	89.7	90.0	90.1
≥ 800	41.9	56.0	64.4	75.9	81.0	81.8	86.5	88.8	89.5	90.1	90.1	90.3	90.7	90.9	91.2	91.3
≥ 700	42.1	56.2	64.9	76.5	81.6	82.6	87.6	90.1	90.8	91.4	91.4	91.6	92.0	92.2	92.5	92.6
≥ 600	42.1	56.2	64.9	76.6	81.8	82.8	88.2	90.7	91.6	92.4	92.6	92.8	93.2	93.4	93.7	93.8
≥ 500	42.2	56.3	65.4	77.4	82.7	83.6	89.5	92.2	93.5	94.4	94.6	94.9	95.2	95.5	95.7	95.8
≥ 400	42.2	56.3	65.4	77.4	83.0	84.0	90.1	93.0	94.4	95.2	95.5	95.7	96.1	96.3	96.5	96.7
≥ 300	42.2	56.3	65.4	77.4	83.0	84.0	90.1	93.1	94.6	95.6	95.8	96.1	96.4	96.8	97.0	97.1
≥ 200	42.2	56.3	65.4	77.4	83.0	84.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	97.6	98.1	98.6
≥ 100	42.2	56.3	65.4	77.4	83.0	84.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	97.7	98.3	99.6
≥ 0	42.2	56.3	65.4	77.4	83.0	84.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-87 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE8	≥½ GE5	≥⅜ GE3	≥0 GE0
NO CEILING	14.3	18.2	21.5	23.1	24.4	24.5	25.8	26.7	26.9	27.3	27.4	27.4	27.5	27.6	27.8	28.2
≥ 20000	15.6	21.3	24.1	27.4	29.2	29.3	30.9	31.8	32.1	32.5	32.6	32.6	32.7	32.8	33.0	33.4
≥ 18000	16.8	21.4	24.2	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.0	33.1	33.3	33.7
≥ 16000	16.8	21.4	24.2	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.1	33.1	33.3	33.7
≥ 14000	16.8	21.5	24.2	27.7	29.5	29.6	31.2	32.2	32.3	32.8	32.9	33.0	33.1	33.2	33.4	33.8
≥ 12000	16.9	21.6	24.4	28.0	29.7	29.9	31.4	32.4	32.6	33.1	33.2	33.2	33.3	33.4	33.6	34.0
≥ 10000	17.9	22.8	25.6	29.3	31.1	31.3	32.9	33.8	34.0	34.5	34.6	34.7	34.8	34.9	35.1	35.5
≥ 9000	18.4	23.5	26.5	30.3	32.1	32.2	33.8	34.8	35.0	35.5	35.6	35.6	35.7	35.8	36.1	36.5
≥ 8000	20.3	25.9	29.1	33.1	35.0	35.2	36.8	37.8	38.1	38.5	38.6	38.6	38.7	38.8	39.1	39.4
≥ 7000	21.3	26.7	30.2	34.3	36.2	36.4	38.0	39.1	39.2	39.8	39.9	40.0	40.1	40.2	40.4	40.9
≥ 6000	21.1	26.9	30.4	34.5	36.4	36.7	38.3	39.3	39.5	40.0	40.2	40.3	40.4	40.5	40.7	41.1
≥ 5000	22.1	28.3	32.1	36.5	38.4	38.7	40.4	41.6	41.8	42.3	42.5	42.6	42.7	42.8	43.0	43.4
≥ 4500	24.1	31.1	35.2	40.2	42.3	42.6	44.4	45.7	46.1	46.6	46.7	46.9	47.0	47.1	47.4	47.8
≥ 4000	27.2	34.8	39.2	45.0	47.2	47.6	49.6	51.0	51.4	52.0	52.2	52.3	52.5	52.6	52.8	53.2
≥ 3500	29.7	38.2	43.0	49.1	51.4	51.8	54.1	55.7	56.2	56.8	57.0	57.2	57.3	57.4	57.7	58.1
≥ 3000	32.9	42.2	47.5	54.0	56.6	57.0	59.5	61.1	61.6	62.4	62.6	62.8	62.9	63.1	63.3	63.7
≥ 2500	34.4	44.4	49.9	56.9	59.6	60.1	62.7	64.5	64.9	65.8	66.0	66.2	66.3	66.4	66.7	67.1
≥ 2000	36.8	48.1	54.5	62.5	65.5	66.0	68.8	70.9	71.4	72.3	72.6	72.7	72.9	73.0	73.3	73.7
≥ 1800	37.0	48.6	55.1	63.4	66.5	67.0	69.9	72.0	72.5	73.4	73.7	73.9	74.0	74.1	74.4	74.8
≥ 1500	38.3	50.6	57.6	67.0	70.3	70.9	74.1	76.4	77.0	78.0	78.2	76.4	78.6	78.7	78.9	79.3
≥ 1200	39.1	51.9	59.2	69.5	73.3	73.9	77.6	80.2	80.8	82.0	82.3	82.5	82.7	82.8	83.1	83.5
≥ 1000	39.4	52.4	59.9	70.7	74.9	75.7	79.6	82.4	83.1	84.3	84.6	84.9	85.1	85.2	85.5	85.9
≥ 900	39.5	52.6	60.2	71.3	75.7	76.5	80.4	83.3	84.1	85.3	85.6	85.9	86.1	86.2	86.4	86.9
≥ 800	39.8	52.9	60.7	72.0	76.7	77.5	81.8	85.1	86.1	87.4	87.7	88.0	88.2	88.3	88.6	89.2
≥ 700	39.9	53.0	61.0	72.5	77.3	78.2	82.9	86.5	87.4	89.0	89.5	89.7	89.9	90.1	90.3	90.8
≥ 600	39.9	53.1	61.1	72.7	77.7	78.5	83.5	87.3	88.3	90.2	90.7	91.0	91.2	91.3	91.6	92.1
≥ 500	40.0	53.2	61.3	73.2	78.2	79.2	84.5	88.8	90.1	92.1	92.7	93.1	93.3	93.5	93.8	94.2
≥ 400	40.0	53.2	61.3	73.2	78.4	79.4	84.8	89.3	90.8	93.0	93.7	94.1	94.4	94.7	94.9	95.4
≥ 300	40.0	53.2	61.3	73.2	78.4	79.4	85.0	89.7	91.2	93.7	94.5	95.1	95.5	96.0	96.3	96.9
≥ 200	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.7	97.2	98.6
≥ 100	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.8	97.4	99.6
≥ 0	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6693

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-87 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2	≥1 SE2	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥ GE3	≥ GE2	≥ GE1	≥ GE
NO CEILING	26.2	30.5	32.9	34.3	35.2	35.5	36.5	37.1	37.4	37.4	37.4	37.5	37.5	37.5	37.7	37.9
≥ 20000	28.4	32.8	35.2	36.8	37.7	38.0	39.2	40.0	40.3	40.4	40.4	40.5	40.5	40.5	40.7	40.9
≥ 18000	28.4	32.8	35.2	36.8	37.7	38.0	39.2	40.0	40.3	40.4	40.4	40.5	40.5	40.5	40.7	40.9
≥ 16000	28.4	32.8	35.2	36.8	37.7	38.0	39.2	40.0	40.3	40.4	40.4	40.5	40.5	40.5	40.7	40.9
≥ 14000	28.4	32.8	35.2	36.8	37.7	38.0	39.2	40.0	40.3	40.4	40.4	40.5	40.5	40.5	40.7	40.9
≥ 12000	28.5	32.9	35.3	36.9	37.8	38.1	39.3	40.2	40.4	40.5	40.5	40.6	40.6	40.6	40.8	41.0
≥ 10000	29.4	33.8	36.2	37.8	38.6	39.0	40.2	41.0	41.2	41.3	41.3	41.4	41.4	41.4	41.7	41.9
≥ 9000	29.8	34.2	36.6	38.2	39.1	39.4	40.6	41.4	41.7	41.8	41.8	41.9	41.9	41.9	42.1	42.3
≥ 8000	34.3	38.8	41.1	42.7	43.6	43.9	45.1	46.0	46.2	46.3	46.3	46.4	46.4	46.4	46.6	46.8
≥ 7000	35.2	40.0	42.4	44.1	45.2	45.5	46.7	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.2	48.4
≥ 6000	35.4	40.3	42.6	44.3	45.4	45.7	46.9	47.8	48.0	48.1	48.1	48.2	48.2	48.2	48.4	48.7
≥ 5000	36.3	41.2	43.7	45.4	46.5	46.8	48.0	48.9	49.1	49.2	49.2	49.3	49.3	49.3	49.5	49.7
≥ 4500	38.2	43.6	46.2	48.1	49.2	49.5	50.8	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.6	52.9
≥ 4000	42.2	48.0	51.2	53.6	54.7	55.0	56.4	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.3	58.6
≥ 3500	45.1	51.9	55.4	58.2	59.4	59.7	61.2	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.2	63.4
≥ 3000	48.3	55.7	59.5	62.8	63.9	64.3	65.8	67.1	67.3	67.5	67.5	67.6	67.6	67.6	67.8	68.0
≥ 2500	50.3	57.7	62.2	66.0	67.2	67.5	69.1	70.4	70.6	70.8	70.8	70.9	70.9	70.9	71.2	71.4
≥ 2000	54.3	62.2	67.6	71.5	72.8	73.2	74.9	76.2	76.4	76.6	76.6	76.7	76.7	76.7	77.0	77.2
≥ 1800	54.8	63.3	68.5	72.3	73.6	74.1	75.8	77.1	77.5	77.7	77.7	77.8	77.8	77.8	78.0	78.3
≥ 1500	56.4	65.2	71.0	75.2	76.7	77.3	79.0	80.3	80.7	81.1	81.1	81.2	81.2	81.2	81.4	81.6
≥ 1200	59.1	68.1	74.8	79.4	81.2	81.7	83.4	84.8	85.3	85.6	85.6	85.7	85.7	85.7	85.9	86.1
≥ 1000	59.5	68.6	76.0	80.9	82.7	83.4	85.1	86.5	87.0	87.3	87.3	87.4	87.4	87.4	87.6	87.8
≥ 900	59.8	68.9	76.5	81.7	83.5	84.4	86.2	87.9	88.4	88.7	88.7	88.8	88.8	88.8	89.0	89.2
≥ 800	60.1	69.3	77.3	82.5	84.9	86.1	88.4	90.4	90.9	91.2	91.2	91.3	91.3	91.3	91.5	91.7
≥ 700	60.2	69.5	78.0	83.4	86.3	87.6	90.3	92.1	92.6	92.9	92.9	93.0	93.1	93.1	93.3	93.5
≥ 600	60.2	69.6	78.1	83.9	87.0	88.3	91.0	93.6	94.1	94.4	94.4	94.5	94.6	94.6	94.8	95.0
≥ 500	60.4	69.9	78.7	85.3	88.5	89.8	92.7	95.6	96.0	96.3	96.3	96.4	96.6	96.6	96.8	97.0
≥ 400	60.6	70.1	78.9	85.7	88.9	90.2	93.1	96.2	96.9	97.4	97.4	97.5	97.6	97.6	97.8	98.1
≥ 300	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.6	97.7	97.7	98.0	98.2
≥ 200	60.6	70.1	78.9	85.7	89.0	90.3	93.3	96.4	97.2	97.7	98.0	98.1	98.3	98.5	98.8	99.0
≥ 100	60.6	70.1	78.9	85.7	89.0	90.3	93.3	96.4	97.2	97.7	98.0	98.1	98.5	98.7	99.0	99.6
≥ 0	60.6	70.1	78.9	85.7	89.0	90.3	93.3	96.4	97.2	97.7	98.0	98.1	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK STATION NAME — '74-'83 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3-0-25000 GMT

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	2 1/2 (40)	2 (32)	1 1/2 (24)	1 1/4 (20)	1 (16)	7/8 (14)	3/4 (12)	5/8 (10)	1/2 (8)	3/8 (6)	1/4 (4)	1/8 (2)	0 (0)			
22000	22.3	27.2	29.0	31.5	32.5	32.8	34.0	34.8	34.9	35.4	35.5	35.6	35.6	35.8	35.9	36.2
20000	24.7	29.9	31.9	34.7	35.7	36.0	37.7	38.7	38.8	39.5	39.7	39.8	39.8	40.0	40.1	40.4
18000	24.7	29.9	31.9	34.7	35.7	36.0	37.7	38.7	38.8	39.5	39.7	39.8	39.8	40.0	40.1	40.4
17000	24.7	29.9	31.9	34.7	35.7	36.0	37.7	38.7	38.8	39.5	39.7	39.8	39.8	40.0	40.1	40.4
16000	24.7	29.9	31.9	34.7	35.7	36.0	37.7	38.7	38.8	39.5	39.7	39.8	39.8	40.0	40.1	40.4
15000	24.7	29.9	31.9	34.7	35.7	36.0	37.7	38.7	38.8	39.5	39.7	39.8	39.8	40.0	40.1	40.4
14000	25.1	30.3	32.4	35.2	36.1	36.5	38.2	39.1	39.2	39.9	40.1	40.2	40.2	40.4	40.5	40.9
13000	25.7	31.0	33.3	36.1	37.1	37.4	39.1	40.1	40.2	40.9	41.1	41.2	41.2	41.4	41.5	41.8
12000	29.1	34.4	36.9	39.7	40.6	41.0	42.7	43.7	43.8	44.4	44.6	44.7	44.7	44.9	45.1	45.4
11000	29.8	35.2	37.5	40.4	41.4	41.7	43.7	44.6	44.7	45.4	45.7	45.8	45.8	46.0	46.1	46.5
10000	30.1	35.5	37.9	40.8	41.7	42.0	44.0	44.9	45.1	45.7	46.0	46.1	46.1	46.3	46.5	46.8
9000	31.4	36.9	39.6	42.5	43.4	43.8	45.8	46.8	46.9	47.5	47.8	48.0	48.0	48.2	48.3	48.6
8000	33.5	39.2	41.9	45.3	46.8	47.1	49.5	50.4	50.5	51.2	51.5	51.6	51.6	51.8	51.9	52.3
7000	38.9	44.8	47.7	51.5	53.2	53.7	56.0	57.0	57.1	57.7	58.1	58.2	58.2	58.4	58.5	58.8
6500	41.1	47.1	50.1	54.6	56.5	56.9	59.2	60.2	60.3	61.0	61.3	61.4	61.4	61.6	61.7	62.0
6000	43.5	49.9	53.0	57.8	59.8	60.2	62.7	63.7	63.9	64.5	64.9	64.9	64.9	65.2	65.3	65.6
5500	45.2	51.6	55.4	60.2	62.5	62.9	65.5	66.5	66.7	67.3	67.6	67.7	67.7	68.0	68.1	68.4
5000	48.3	55.1	59.7	65.2	67.8	68.4	71.3	72.4	72.8	73.4	73.8	73.9	73.9	74.1	74.2	74.5
4500	48.8	55.9	60.8	66.5	69.1	69.7	72.9	74.0	74.4	75.1	75.4	75.5	75.5	75.7	75.8	76.1
4000	51.1	58.6	64.2	71.1	73.9	74.5	76.8	78.0	78.4	79.0	79.4	79.5	79.5	79.7	79.8	80.1
3500	54.0	62.0	69.6	75.2	78.1	78.6	81.8	83.0	83.4	84.1	84.4	84.5	84.5	84.7	84.9	85.2
3000	54.2	62.3	69.1	76.5	79.6	80.2	83.7	84.9	85.4	86.2	86.3	86.5	86.5	86.7	86.8	87.1
2900	54.4	62.5	69.5	76.9	80.1	80.9	84.7	86.1	86.6	87.2	87.5	87.6	87.6	87.8	88.0	88.3
2800	54.6	62.8	70.0	77.5	81.1	81.8	86.1	87.7	88.2	88.8	89.1	89.2	89.2	89.5	89.6	89.9
2700	54.7	63.0	70.4	78.3	81.8	82.7	87.0	88.6	89.0	89.8	90.1	90.2	90.2	90.4	90.5	90.9
2600	55.4	63.8	71.2	79.2	83.1	84.0	88.8	91.0	91.4	92.2	92.5	92.6	92.6	92.8	92.9	93.2
2500	55.4	63.8	71.5	80.3	84.2	85.1	90.2	92.6	93.0	93.9	94.2	94.3	94.3	94.5	94.6	94.9
2400	55.7	64.1	71.8	81.1	84.9	85.9	91.5	94.5	95.2	96.2	96.6	96.7	96.7	96.9	97.0	97.3
2300	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.5	96.6	96.9	97.0	97.0	97.2	97.4	97.7
2200	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.5	96.7	97.1	97.2	97.4	98.4	98.6	98.9
2100	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.5	96.7	97.1	97.2	97.6	98.8	99.0	99.6
2000	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.6	96.8	97.2	97.3	97.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

03772	LAKENHEATH RAF UK	74-87	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1 GE1½	¾ GE1	½ GE¾	¼ GE½	⅛ GE¼	0 GE⅛		
UNLIMITED	15.3	17.0	19.4	23.1	24.0	24.4	25.9	26.3	26.3	26.3	26.3	26.5	26.7	26.9	26.9	
20000	19.9	20.9	23.5	28.0	29.1	29.7	31.6	32.5	32.5	32.7	32.7	32.8	32.9	33.1	33.3	33.4
15000	19.9	21.1	23.8	28.2	29.4	29.9	31.8	32.7	32.9	32.9	32.9	33.0	33.1	33.3	33.5	33.7
10000	19.9	21.1	23.8	28.2	29.4	29.9	31.8	32.7	32.9	32.9	32.9	33.0	33.1	33.3	33.5	33.7
9000	19.9	21.2	23.9	28.3	29.5	30.0	31.9	32.8	32.9	33.1	33.1	33.2	33.3	33.5	33.8	33.9
8000	19.9	21.3	24.1	28.5	29.7	30.2	32.2	33.1	33.2	33.3	33.3	33.4	33.5	33.8	34.0	34.1
7000	19.9	21.9	24.9	29.5	31.0	31.5	33.4	34.3	34.4	34.7	34.7	34.8	34.9	35.2	35.4	35.5
6000	20.4	22.8	25.8	30.8	32.3	32.8	34.7	35.6	35.6	36.0	36.0	36.1	36.2	36.5	36.8	36.9
5000	23.5	26.0	29.5	35.2	36.8	37.3	39.2	40.1	40.1	40.5	40.5	40.6	40.8	41.0	41.4	41.7
4500	24.8	27.4	31.9	37.2	38.8	39.4	41.5	42.4	42.5	42.9	42.9	43.0	43.1	43.4	43.9	44.2
4000	24.9	27.5	31.0	37.3	38.9	39.5	41.6	42.5	42.6	43.0	43.0	43.1	43.2	43.5	44.0	44.3
3500	26.6	29.2	32.8	39.2	41.1	41.7	44.0	44.8	44.9	45.5	45.5	45.6	45.7	46.0	46.5	46.8
3000	29.1	32.3	36.2	42.8	44.7	45.4	48.0	48.9	49.1	49.7	49.7	49.8	49.9	50.2	50.6	51.0
2500	30.0	35.5	39.7	46.6	48.6	49.4	52.0	53.1	53.3	53.9	53.9	54.0	54.1	54.4	54.8	55.2
2400	35.4	39.4	43.7	51.1	53.2	54.2	57.2	58.5	58.7	59.2	59.2	59.4	59.5	59.8	60.3	60.8
2200	37.6	41.7	46.5	54.2	56.3	57.3	60.3	61.6	61.8	62.4	62.4	62.5	62.6	62.9	63.4	63.9
2000	39.4	43.9	49.4	57.4	59.6	60.5	63.7	65.1	65.3	65.8	65.8	65.9	66.1	66.3	66.9	67.3
1800	41.5	46.7	53.0	61.9	64.3	65.3	68.5	70.2	70.4	71.2	71.3	71.4	71.5	71.8	72.4	72.8
1600	41.9	47.2	53.7	62.7	65.2	66.1	69.4	71.1	71.4	72.2	72.3	72.4	72.5	72.8	73.3	73.8
1500	44.1	49.6	57.0	66.6	69.0	70.0	73.4	75.2	75.6	76.3	76.5	76.6	76.7	77.1	77.6	78.1
1400	44.7	50.4	58.2	68.7	71.4	72.4	76.1	78.2	78.6	79.4	79.5	79.6	79.7	80.1	80.6	81.1
1300	45.3	51.0	59.1	70.4	73.4	74.5	78.6	80.6	81.2	82.2	82.3	82.5	82.6	83.0	83.5	84.0
1200	45.6	51.3	59.7	71.1	74.2	75.4	79.6	81.6	82.2	83.1	83.2	83.4	83.5	84.0	84.5	84.9
1100	45.6	51.5	60.1	71.7	75.7	76.5	81.0	83.1	83.7	84.8	85.1	85.3	85.5	85.9	86.5	86.9
1000	45.6	51.5	60.1	72.0	76.1	77.4	82.0	84.3	84.8	86.0	86.6	86.8	87.0	87.4	88.0	88.4
900	45.8	51.7	60.3	72.7	76.9	78.4	83.8	86.2	86.9	88.1	88.6	88.8	89.1	89.6	90.1	90.5
800	45.9	51.8	60.5	74.1	78.3	79.8	85.4	88.7	89.4	90.9	91.7	91.9	92.4	92.8	93.3	93.8
700	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.5	90.6	92.8	93.8	94.0	94.4	94.8	95.4	95.9
600	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.4	94.8	95.4	95.9	96.5	97.1
500	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.7	95.4	96.2	97.0	97.5	98.4
400	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.7	95.5	96.5	97.3	98.0	99.8
300	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.7	95.5	96.5	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK STATION NAME 74-83 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1200 LST

VISIBILITY (STATUTE MILES)

CEILING (HUNDREDS OF METERS)

	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	<1/4
	GE9.1	GE9.0	GE8.0	GE6.0	GE4.8	GE4.0	GE3.2	GE2.4	GE1.6	GE1.0	GE0.8	GE0.5	GE0.4	LT0.4
UNL	13.9	16.8	18.7	21.5	21.7	21.9	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3
20000	19.6	23.0	25.1	28.4	29.6	29.8	30.0	30.2	30.3	30.4	30.4	30.4	30.4	30.4
18000	19.9	23.3	25.4	28.7	29.9	30.1	30.3	30.5	30.6	30.8	30.8	30.8	30.8	30.8
17000	20.1	23.5	25.6	28.9	30.1	30.3	30.5	30.8	30.9	31.0	31.0	31.0	31.0	31.0
16000	20.2	23.7	25.7	29.1	30.2	30.4	30.6	30.9	30.9	31.1	31.1	31.1	31.1	31.1
15000	20.5	24.4	26.6	29.9	31.2	31.4	31.6	31.8	31.9	32.1	32.2	32.2	32.2	32.2
14000	21.7	25.8	28.1	31.6	32.9	33.1	33.3	33.7	33.7	33.9	33.9	33.9	33.9	33.9
13000	22.2	26.2	28.5	32.0	33.2	33.5	33.8	34.1	34.1	34.2	34.2	34.3	34.3	34.3
12000	24.8	29.2	32.1	36.1	37.4	37.6	38.0	38.3	38.3	38.5	38.5	38.5	38.5	38.5
11000	25.8	30.4	33.2	37.8	39.1	39.4	39.7	40.0	40.0	40.2	40.2	40.2	40.2	40.2
10000	25.8	30.4	33.2	37.8	39.2	39.5	39.8	40.1	40.1	40.3	40.3	40.3	40.3	40.3
9500	26.1	30.9	33.6	38.6	40.3	40.8	41.1	41.4	41.4	41.6	41.6	41.6	41.6	41.6
9000	27.5	32.3	35.1	40.6	42.7	43.2	43.5	43.9	43.9	44.1	44.1	44.1	44.1	44.1
8500	30.3	35.9	39.9	44.9	47.1	47.8	48.4	49.0	49.1	49.2	49.2	49.2	49.2	49.2
8000	33.7	39.1	42.5	48.8	51.2	52.2	52.9	53.5	53.5	53.8	53.8	53.8	53.8	53.8
7500	40.4	46.8	50.6	57.4	59.9	60.9	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6
7000	42.3	48.7	53.0	60.4	63.0	64.0	64.7	65.5	65.5	65.7	65.7	65.7	65.7	65.7
6500	45.1	52.3	57.2	65.4	68.2	69.1	70.0	70.9	70.9	71.1	71.1	71.1	71.1	71.1
6000	45.6	52.7	58.1	66.1	69.9	69.9	70.8	71.6	71.6	71.8	71.8	71.8	71.8	71.8
5500	49.1	56.3	62.7	71.8	74.8	75.8	76.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3
5000	49.0	58.5	65.2	76.5	79.7	80.8	82.0	83.7	84.1	84.3	84.3	84.3	84.3	84.3
4500	49.4	59.1	66.0	77.7	81.2	82.4	83.8	85.6	86.0	86.2	86.2	86.5	86.5	86.5
4000	49.5	59.5	66.6	78.8	82.6	83.9	85.3	87.5	88.0	88.2	88.2	88.4	88.4	88.4
3500	49.6	60.1	67.2	80.4	84.8	86.1	88.0	91.3	91.7	92.0	92.0	92.3	92.4	92.4
3000	49.7	60.2	67.4	81.3	86.0	87.5	89.5	93.0	93.4	94.2	94.2	94.4	94.5	94.5
2500	49.7	60.2	67.5	81.7	86.6	88.2	90.1	94.0	94.5	95.5	95.5	95.8	95.9	95.9
2000	49.7	60.2	67.7	82.0	87.0	88.7	90.9	94.7	95.4	96.3	96.6	96.9	97.1	97.2
1500	49.7	60.2	67.7	82.0	87.0	88.7	90.9	95.4	96.0	97.1	97.3	97.6	97.7	97.7
1000	49.7	60.2	67.7	82.0	87.0	88.7	90.9	95.5	96.3	97.7	98.1	98.5	98.6	98.6
500	49.7	60.2	67.7	82.0	87.0	88.7	90.9	95.5	96.3	97.7	98.1	98.5	98.6	98.7
0	49.7	60.2	67.7	82.0	87.0	88.7	90.9	95.5	96.3	97.7	98.1	98.5	99.6	98.9
	49.7	60.2	67.7	82.0	87.0	88.7	90.9	95.5	96.3	97.7	98.1	98.5	99.6	98.9

TOTAL NUMBER OF OBSERVATIONS 930

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

LAKENHEATH RAF UK — 74-07

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	5	3	2	1	1/2	1/4	0								
22+	71.8	78.0	16.3	17.5	17.8	17.8	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
20	16.1	23.5	23.0	23.4	24.0	24.0	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
18	18.2	27.6	27.7	27.7	24.2	24.2	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
16	18.2	27.6	27.7	27.7	24.2	24.2	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
14	18.5	27.9	27.9	27.9	24.4	24.4	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
12	17.2	21.9	23.5	24.9	25.5	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
10	18.4	23.2	24.8	26.6	27.1	27.1	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
9	19.3	23.7	25.4	27.0	27.5	27.5	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
8	22.2	27.1	28.9	31.5	31.1	31.1	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
7	22.9	28.2	30.2	32.4	32.6	32.6	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
6	23.4	28.1	31.1	33.9	33.4	33.4	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
5	24.7	30.4	32.5	34.4	34.9	34.9	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
4	24.6	32.5	34.5	36.9	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
3	27.2	33.6	40.2	42.9	43.9	43.9	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2	38.1	48.7	48.2	51.2	52.2	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
1	47.4	55.0	58.5	61.6	62.8	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
0	61.7	67.0	67.7	66.3	67.5	67.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
M	65.2	69.1	68.4	73.9	75.1	75.2	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	65.6	69.5	69.9	74.7	76.2	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	69.2	72.8	74.8	81.1	82.9	83.1	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	69.0	73.0	77.6	85.3	87.7	88.2	89.2	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
	62.4	73.8	78.6	86.8	89.5	89.9	91.5	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	62.5	74.1	79.1	87.6	90.3	90.9	92.5	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	62.6	74.5	79.2	88.9	91.9	92.5	94.4	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	62.7	74.6	79.8	89.2	92.5	93.1	95.3	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
	62.8	74.7	79.9	89.6	93.0	93.5	95.8	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	97.8	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	98.1	98.6	98.9	99.2	99.4	99.4	99.5	99.5	99.5
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	98.1	98.6	98.9	99.4	99.5	99.6	99.6	99.8	99.8
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	98.1	98.6	98.9	99.4	99.5	99.6	99.9	99.9	99.9
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	98.1	98.6	98.9	99.4	99.5	99.7	100.0	100.0	100.0
	62.8	74.7	79.9	89.6	93.0	93.5	95.9	98.1	98.6	98.9	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK — STATION NAME — YEARS: 74-87 — MONTH: MAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0000-2300 LST

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	⅜	¼	<¼	
	GE10	GE6	GE5	GE4	GE3	GE2½	GE2	GE1½	GE1¼	GE1	GE¾	GE½	GE⅜	GE¼	GE0	
CLR	15.9	19.9	20.1	21.2	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
25000	21.9	26.5	27.2	28.7	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
20000	21.9	26.6	27.3	28.9	29.7	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1
15000	21.9	26.7	27.4	29.0	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
12000	22.2	26.9	27.6	29.2	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
10000	23.1	28.1	28.9	30.4	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
9000	23.9	29.2	30.0	31.7	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
8000	24.3	29.2	31.0	32.7	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
7000	29.6	34.4	35.2	37.0	37.7	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
6000	30.4	34.9	35.7	37.8	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
5000	29.5	35.3	36.1	38.2	38.9	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
4500	31.3	37.3	38.1	40.3	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
4000	33.5	40.2	41.1	43.3	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
3500	39.8	47.3	48.1	50.9	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
3000	46.5	54.3	55.3	58.4	59.5	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
2900	53.2	62.2	63.9	67.3	68.5	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
2500	56.3	66.6	68.9	72.8	74.3	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
2400	61.7	71.3	74.1	78.7	80.6	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
2200	61.3	72.5	75.4	80.5	82.6	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
2100	63.8	75.2	78.5	84.3	86.8	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2000	65.3	77.3	81.7	88.2	91.0	91.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1900	65.4	77.4	81.5	88.4	91.2	91.6	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800	65.4	77.5	81.6	88.6	91.5	91.9	93.9	94.8	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
1700	65.5	77.8	82.2	89.5	92.8	93.3	95.5	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
1600	65.6	78.0	82.4	90.3	93.7	94.2	96.5	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
1500	65.6	78.0	82.4	90.3	93.8	94.3	96.6	97.8	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6
1400	65.6	78.0	82.4	90.5	94.1	94.7	97.0	98.5	99.0	99.1	99.5	99.8	99.9	99.9	99.9	99.9
1300	65.6	78.0	82.4	90.5	94.1	94.7	97.1	98.6	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0
1200	65.6	78.0	82.4	90.5	94.1	94.7	97.1	98.6	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0
1100	65.6	78.0	82.4	90.5	94.1	94.7	97.1	98.6	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0
1000	65.6	78.0	82.4	90.5	94.1	94.7	97.1	98.6	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0
	65.6	78.0	82.4	90.5	94.1	94.7	97.1	98.6	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2100 (HOUR (LST))

CEILING (HUNDREDS OF FEET) \ VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)	≥0 (≥0)	≥0 (≥0)	≥½ (≥800)	≥¾ (≥1200)	≥1 (≥1600)	≥1¼ (≥2000)	≥1½ (≥2400)	≥1¾ (≥2800)	≥2 (≥3200)	≥2½ (≥4000)	≥3 (≥4800)	≥4 (≥6400)	≥5 (≥8000)	≥6 (≥9600)	≥7 (≥11200)	≥8 (≥12800)	≥9 (≥14400)	≥10 (≥16000)
CEILING UNLIMITED	24.2	29.2	29.9	31.1	31.7	31.7	32.3	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
22000	28.9	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
18000	28.9	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
17000	28.8	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
16000	28.9	34.7	36.0	37.6	38.4	38.4	39.2	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
15000	29.4	35.5	37.0	38.7	39.5	39.5	40.3	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
14000	30.6	36.8	38.4	40.1	40.9	40.9	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
13000	31.3	37.8	39.5	41.2	41.9	41.9	42.8	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
12000	35.2	42.5	44.3	46.0	46.8	46.3	47.6	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
11000	36.2	43.7	45.7	47.4	48.2	48.2	49.0	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
10000	36.6	44.0	46.0	47.7	48.6	48.6	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
9000	38.7	46.2	48.3	50.2	51.1	51.1	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
8000	41.9	49.9	52.2	54.2	55.4	55.4	56.2	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
7000	46.1	54.7	57.0	59.0	60.2	60.2	61.1	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
6000	49.9	58.6	61.1	63.2	64.6	64.6	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
5000	54.1	63.2	66.1	68.9	70.6	70.6	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
4500	55.8	65.4	68.6	72.2	74.0	74.0	74.8	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
4000	57.8	68.7	72.7	77.8	79.8	79.8	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3500	58.2	69.1	73.1	78.7	80.9	80.9	81.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3000	60.3	71.5	76.6	82.7	84.8	84.8	86.5	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
2500	61.4	73.2	79.0	86.2	88.6	88.8	91.0	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2000	61.7	73.5	79.7	87.0	89.5	89.8	92.0	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1800	61.7	73.7	79.9	87.3	89.8	90.2	92.7	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1600	61.9	73.9	80.2	88.1	90.9	91.3	93.8	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1400	61.9	74.0	81.1	89.0	92.2	92.9	95.5	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	61.9	74.0	81.1	89.1	92.3	93.0	95.6	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	61.9	74.0	81.1	89.4	92.5	93.2	96.1	98.0	98.8	99.0	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6
900	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.1	98.9	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7
800	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.1	99.0	99.2	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8
700	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.2	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0
600	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.2	99.2	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0
500	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.2	99.2	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-82 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2300 HOUR

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.6)	≥5 (≥8.0)	≥4 (≥6.4)	≥3 (≥4.8)	≥2 (≥3.2)	≥2 (≥3.2)	≥1 (≥2.4)	≥1 (≥2.0)	≥1 (≥1.6)	≥1 (≥1.2)	≥1 (≥1.0)	≥ (≥0.8)	≥5/16 (≥0.5)	≥ (≥0.4)	≥ (≥0.2)
[illegible] FEW	28.8	34.1	34.8	36.6	37.0	37.5	38.4	38.8	38.8	38.9	38.9	38.9	38.9	38.9	39.0	39.0
2000	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
1800	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
1500	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
1400	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
1200	32.1	37.4	38.6	40.8	41.6	41.9	42.9	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.8	43.8
1000	32.8	38.3	39.5	41.6	42.5	42.8	43.8	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6	44.6
900	33.9	39.4	40.5	42.7	43.5	43.9	44.8	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7
800	36.9	42.4	43.7	45.9	46.8	47.1	48.2	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0
700	37.5	43.2	44.5	46.9	47.7	48.1	49.1	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0
600	37.5	43.2	44.5	46.9	47.7	48.1	49.1	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0
500	38.6	44.3	45.6	48.0	48.8	49.1	50.3	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3
450	41.9	46.9	48.3	50.9	51.7	52.0	53.3	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4
400	45.3	51.5	53.3	55.9	56.8	57.1	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6
350	49.2	56.0	58.4	61.3	62.5	62.9	64.2	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4
300	52.5	59.6	62.2	65.6	66.8	67.2	68.5	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7
250	54.8	62.4	64.9	68.8	70.0	70.4	71.7	72.5	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9
200	58.1	66.7	70.3	74.6	75.9	76.3	77.6	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
180	58.5	67.1	70.8	75.4	76.7	77.1	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
150	61.5	69.1	73.0	77.8	79.1	79.6	81.1	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
120	63.0	72.8	77.8	83.3	84.8	85.3	87.0	88.0	88.3	88.4	88.4	89.4	88.4	88.4	88.5	88.5
100	64.0	74.1	80.1	86.2	88.1	88.5	90.2	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
90	64.2	74.3	80.6	86.8	88.6	89.1	90.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
80	64.3	74.4	81.0	87.3	89.4	90.2	91.9	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
70	64.6	74.9	81.6	88.4	90.6	91.6	94.0	95.7	96.3	96.5	96.6	96.6	96.6	96.6	96.7	96.7
60	64.7	75.2	81.8	88.6	90.9	91.8	94.2	96.1	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1
50	64.7	75.3	82.0	89.1	91.5	92.5	94.9	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1
40	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
30	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.1	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
20	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.4	99.4	99.5	99.5
SK	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.5	99.5	99.6	100.0
	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75631 | LAKENHEATH RAF UK | 74-83 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 GE2.4	≥1 GE2.0	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥ GE.8	≥5/16 GE.5	≥ GE.4	≥0 GE.0
NO CEILING	19.7	23.7	25.1	27.0	27.7	27.9	28.6	29.0	29.0	29.1	29.1	29.2	29.2	29.2	29.3	29.4
≥ 20000	23.7	28.1	29.8	32.2	33.1	33.3	34.2	34.7	34.8	35.0	35.0	35.0	35.0	35.1	35.2	35.2
≥ 18000	23.8	28.2	29.9	32.3	33.2	33.4	34.3	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.3	35.4
≥ 16000	23.8	28.2	30.0	32.3	33.2	33.4	34.4	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.3	35.4
≥ 14000	23.9	28.3	30.1	32.4	33.3	33.5	34.5	35.0	35.0	35.2	35.2	35.3	35.3	35.4	35.4	35.5
≥ 12000	24.3	28.9	30.7	33.1	34.0	34.2	35.2	35.7	35.7	35.9	35.9	36.0	36.0	36.0	36.1	36.2
≥ 11000	25.2	29.9	31.9	34.3	35.2	35.4	36.3	36.9	37.0	37.1	37.2	37.2	37.2	37.3	37.4	37.4
≥ 10000	25.9	30.7	32.6	35.1	36.0	36.2	37.2	37.7	37.8	38.0	38.0	38.0	38.1	38.1	38.2	38.3
≥ 9000	29.3	34.3	36.4	39.1	40.1	40.3	41.3	41.8	41.9	42.1	42.1	42.1	42.2	42.2	42.3	42.4
≥ 8000	30.2	35.4	37.5	40.5	41.5	41.7	42.7	43.2	43.3	43.5	43.5	43.6	43.6	43.7	43.8	43.9
≥ 7000	30.4	35.7	37.8	40.7	41.8	42.0	43.0	43.5	43.6	43.8	43.8	43.9	43.9	44.0	44.1	44.2
≥ 6000	31.7	37.1	39.3	42.4	43.4	43.7	44.7	45.3	45.4	45.6	45.6	45.7	45.7	45.7	45.8	45.9
≥ 5000	33.9	39.6	42.0	45.3	46.5	46.8	47.9	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.1	49.3
≥ 4500	38.3	44.5	47.1	50.7	52.0	52.4	53.6	54.3	54.4	54.6	54.6	54.7	54.7	54.8	54.9	55.0
≥ 4000	42.3	49.0	51.9	55.9	57.4	57.8	59.1	59.8	59.9	60.1	60.2	60.2	60.2	60.3	60.4	60.5
≥ 3500	47.1	54.4	57.5	62.0	63.6	64.0	65.3	66.1	66.2	66.4	66.4	66.5	66.5	66.6	66.7	66.8
≥ 3000	49.4	57.0	60.5	65.5	67.3	67.7	69.0	69.8	69.9	70.1	70.2	70.2	70.2	70.3	70.4	70.5
≥ 2500	52.5	61.0	65.4	71.1	73.1	73.5	75.0	75.9	76.1	76.3	76.4	76.4	76.4	76.5	76.6	76.7
≥ 2000	53.1	61.6	66.1	72.1	74.1	74.6	76.2	77.0	77.3	77.5	77.6	77.6	77.6	77.7	77.8	77.9
≥ 1800	55.5	64.5	69.7	76.2	78.4	78.9	80.7	81.6	81.9	82.1	82.2	82.2	82.2	82.3	82.4	82.6
≥ 1500	57.3	66.9	72.8	80.3	82.8	83.4	85.5	86.6	86.9	87.2	87.2	87.3	87.3	87.4	87.5	87.6
≥ 1200	57.7	67.5	73.8	81.7	84.4	85.0	87.3	88.5	88.9	89.2	89.2	89.3	89.3	89.4	89.5	89.6
≥ 1000	57.9	67.7	74.2	82.3	85.1	85.8	88.2	89.7	90.1	90.4	90.5	90.6	90.6	90.7	90.8	90.9
≥ 900	58.0	68.0	74.7	83.2	86.4	87.2	89.9	91.7	92.2	92.6	92.7	92.8	92.8	92.9	93.0	93.1
≥ 800	58.1	68.2	75.1	84.0	87.4	88.4	91.2	93.2	93.7	94.1	94.3	94.4	94.4	94.5	94.6	94.8
≥ 700	58.3	68.4	75.3	84.4	87.9	88.9	92.0	94.2	94.8	95.3	95.4	95.5	95.6	95.7	95.8	95.9
≥ 600	58.3	68.5	75.5	85.0	88.6	89.7	92.9	95.4	96.0	96.5	96.8	96.9	97.0	97.2	97.3	97.4
≥ 500	58.4	68.5	75.6	85.2	88.8	89.9	93.2	95.9	96.7	97.4	97.7	97.8	97.9	98.1	98.2	98.3
≥ 400	58.4	68.5	75.6	85.3	88.8	89.9	93.3	96.0	96.9	97.6	98.0	98.2	98.3	98.5	98.6	98.8
≥ 300	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.1	98.4	98.6	99.0	99.2	99.4
≥ 200	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.1	98.4	98.7	99.2	99.4	99.9
≥ 100	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.2	98.4	98.8	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-87 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE0	≥5/16 GE0	≥½ GE0	≥0 GE0
NO CEILING	26.9	31.7	35.1	37.4	37.8	37.8	39.1	39.4	39.4	39.6	39.9	39.9	40.0	40.2	40.2	40.7
≥ 20000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 18000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 16000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 14000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 12000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 11000	32.7	37.9	41.6	44.1	44.6	44.6	45.9	46.2	46.2	46.7	46.8	46.8	46.9	47.1	47.1	47.6
≥ 10000	32.9	38.1	41.8	44.3	44.8	44.8	46.1	46.4	46.4	46.9	47.0	47.0	47.1	47.3	47.3	47.8
≥ 9000	35.8	41.0	44.8	48.1	49.0	49.0	50.3	50.7	50.7	51.1	51.2	51.2	51.3	51.6	51.6	52.0
≥ 8000	36.1	41.4	45.2	48.6	49.4	49.4	50.8	51.1	51.1	51.6	51.7	51.7	51.8	52.0	52.0	52.4
≥ 7000	36.7	42.1	46.2	49.6	50.4	50.4	51.9	52.1	52.1	52.6	52.7	52.7	52.8	53.0	53.0	53.4
≥ 6000	37.8	43.2	47.3	51.1	52.0	52.0	53.7	54.0	54.0	54.4	54.6	54.6	54.7	54.9	54.9	55.3
≥ 5000	40.8	46.3	50.4	54.8	56.2	56.3	58.1	58.4	58.4	58.9	59.0	59.0	59.1	59.3	59.3	59.8
≥ 4500	45.6	51.9	56.9	61.4	63.1	63.2	65.0	65.3	65.3	65.8	65.9	65.9	66.0	66.2	66.2	66.7
≥ 4000	47.6	54.9	59.9	64.7	66.3	66.4	68.2	68.6	68.6	69.0	69.1	69.1	69.2	69.4	69.4	69.9
≥ 3500	51.9	59.9	66.0	71.1	72.8	72.9	74.8	75.1	75.1	75.6	75.7	75.7	75.8	76.0	76.0	76.4
≥ 3000	54.1	62.4	69.2	74.6	76.2	76.3	78.2	78.6	78.6	79.3	79.4	79.4	79.6	79.8	79.8	80.2
≥ 2500	57.7	66.8	73.6	79.3	81.2	81.3	83.2	83.6	83.6	84.4	84.6	84.6	84.7	84.9	84.9	85.3
≥ 2000	57.9	67.2	74.0	79.9	81.8	81.9	83.8	84.1	84.1	85.0	85.1	85.1	85.2	85.4	85.4	85.9
≥ 1800	59.3	68.7	75.8	81.8	83.9	84.0	85.9	86.2	86.2	87.1	87.2	87.2	87.3	87.6	87.6	88.0
≥ 1500	60.6	70.2	77.8	84.0	86.2	86.3	88.2	88.6	88.6	89.4	89.6	89.6	89.7	89.9	89.9	90.3
≥ 1200	61.4	71.2	78.9	85.4	87.7	87.8	89.7	90.0	90.0	90.9	91.0	91.0	91.1	91.3	91.3	91.8
≥ 1000	61.7	71.6	79.2	85.8	88.0	88.1	90.0	90.3	90.3	91.2	91.3	91.3	91.4	91.7	91.7	92.1
≥ 900	62.6	72.4	80.2	86.9	89.2	89.3	91.4	92.0	92.0	92.9	93.0	93.0	93.1	93.3	93.3	93.8
≥ 800	62.8	73.3	80.8	87.8	90.1	90.2	92.3	92.9	92.9	93.8	93.9	93.9	94.0	94.2	94.2	94.7
≥ 700	62.8	73.4	81.3	88.7	91.0	91.2	93.4	94.1	94.1	95.0	95.1	95.1	95.2	95.4	95.4	95.9
≥ 600	63.0	73.7	81.7	89.4	91.9	92.2	94.8	95.7	95.8	96.7	96.8	96.8	96.9	97.1	97.1	97.6
≥ 500	63.1	73.7	81.7	89.7	92.2	92.6	95.2	96.4	96.6	97.4	97.6	97.6	97.7	97.9	97.9	98.3
≥ 400	63.1	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.8	98.1	98.2	98.3	98.6	98.6	99.0
≥ 300	63.1	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.4	98.9	99.0	99.6
≥ 200	63.0	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.7	99.1	99.2	100.0
≥ 100	63.0	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.7	99.1	99.2	100.0
≥ 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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-8T YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR [illegible]

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥1 GE2	≥1/2 GE1	≥1/4 GE1/2	≥1/8 GE1/4	≥0 GE1/8	≥2 GE1	≥3 GE2	≥3 1/2 GE3	≥4 GE4	≥5 GE5
NO CEILING	18.9	22.0	24.7	29.2	29.4	29.9	31.3	32.2	32.3	32.7	32.9	33.0	33.1	33.4	33.6	34.2
≥ 20000	22.2	25.6	28.6	33.3	33.7	34.1	35.6	36.4	36.6	37.0	37.2	37.3	37.4	37.9	38.0	38.7
≥ 18000	22.2	25.6	28.6	33.3	33.7	34.1	35.6	36.4	36.6	37.0	37.2	37.3	37.4	37.9	38.0	38.7
≥ 6000	22.2	25.6	28.7	33.4	33.8	34.2	35.7	36.6	36.7	37.1	37.3	37.4	37.6	38.0	38.1	38.8
≥ 14000	22.2	25.6	28.7	33.4	33.8	34.2	35.7	36.6	36.7	37.1	37.3	37.4	37.6	38.0	38.1	38.8
≥ 12000	22.2	25.6	28.7	33.4	33.8	34.2	35.7	36.6	36.7	37.1	37.3	37.4	37.6	38.0	38.1	38.8
≥ 10000	22.6	26.2	29.6	34.4	34.8	35.2	36.8	37.7	37.8	38.2	38.4	38.6	38.7	39.1	39.2	39.9
≥ 9000	22.8	26.4	29.9	34.9	35.2	35.7	37.2	38.1	38.2	38.7	38.9	39.0	39.1	39.6	39.7	40.3
≥ 8000	25.8	29.7	33.2	38.9	39.4	39.9	41.7	42.7	42.8	43.2	43.4	43.6	43.7	44.1	44.2	44.9
≥ 7000	26.7	30.4	34.1	40.0	40.6	41.0	42.9	43.9	44.0	44.4	44.7	44.8	44.9	45.3	45.4	46.1
≥ 6000	26.1	30.8	34.4	40.3	40.9	41.3	43.2	44.2	44.3	44.8	45.0	45.1	45.2	45.7	45.8	46.4
≥ 5000	28.6	33.3	37.2	43.3	43.9	44.3	46.2	47.2	47.3	48.1	48.3	48.4	48.6	49.0	49.1	49.8
≥ 4500	31.1	36.3	40.6	47.0	47.6	48.3	50.6	51.6	51.7	52.4	52.7	52.8	52.9	53.3	53.4	54.1
≥ 4000	35.7	41.6	46.7	53.3	54.2	55.0	57.3	58.4	58.6	59.3	59.6	59.7	59.8	60.2	60.3	61.0
≥ 3500	37.6	44.1	49.2	56.7	57.6	58.3	60.8	61.9	62.0	62.8	63.0	63.1	63.2	63.7	63.8	64.4
≥ 3000	40.7	48.0	53.7	61.7	63.0	63.8	66.6	67.9	68.0	69.1	69.3	69.4	69.6	70.1	70.2	70.9
≥ 2500	43.2	51.4	57.4	66.1	67.6	68.3	71.1	72.4	72.6	73.7	74.0	74.1	74.2	74.9	75.0	75.7
≥ 2000	46.9	56.7	62.8	72.1	73.7	74.4	77.2	78.8	78.9	80.0	80.4	80.6	80.7	81.3	81.4	82.1
≥ 1800	46.9	56.7	62.8	72.2	73.8	74.6	77.3	78.9	79.0	80.1	80.6	80.7	80.9	81.4	81.6	82.2
≥ 1500	49.4	59.2	65.7	75.6	77.1	77.9	80.7	82.2	82.3	83.4	83.9	84.0	84.1	84.8	84.9	85.6
≥ 1200	50.4	60.6	67.2	77.6	79.2	80.0	82.9	84.4	84.6	85.7	86.1	86.2	86.3	87.0	87.1	87.8
≥ 1000	50.7	60.8	67.6	78.0	79.7	80.4	83.4	85.0	85.1	86.2	86.7	86.8	86.9	87.6	87.7	88.3
≥ 900	51.2	61.3	68.2	78.9	80.6	81.3	84.3	85.9	86.0	87.1	87.6	87.7	87.8	88.4	88.6	89.2
≥ 800	51.6	61.7	68.8	79.8	81.6	82.3	85.4	87.0	87.1	88.2	88.7	88.8	88.9	89.6	89.7	90.3
≥ 700	51.6	61.7	68.8	79.9	81.7	82.4	85.5	87.4	87.6	88.7	89.1	89.2	89.3	90.0	90.1	90.8
≥ 600	52.0	62.4	69.6	80.9	82.7	83.6	87.2	89.3	89.4	90.6	91.0	91.1	91.2	91.9	92.0	92.7
≥ 500	52.1	62.6	70.0	81.4	83.4	84.3	88.6	90.7	90.9	92.1	92.6	92.7	92.8	93.4	93.6	94.2
≥ 400	52.1	62.8	70.2	82.0	84.0	84.9	89.8	92.3	92.6	93.8	94.2	94.3	94.4	95.1	95.2	95.9
≥ 300	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.3	95.9	96.0	96.1	96.8	96.9	97.6
≥ 200	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.8	98.0	99.0
≥ 100	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.9	98.3	100.0
≥ 0	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3SR31 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE1	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	12.9	17.2	19.4	23.4	24.9	24.9	26.1	27.3	27.6	28.3	28.3	28.4	28.6	28.7	28.9	29.0
≥ 20000	15.3	20.3	23.1	29.3	30.7	30.0	31.6	33.1	33.3	34.1	34.1	34.2	34.3	34.4	34.7	34.8
≥ 18000	15.8	20.8	23.6	28.8	30.4	30.4	32.0	33.6	33.8	34.6	34.6	34.7	34.8	34.9	35.1	35.2
≥ 16000	15.8	20.8	23.6	28.8	30.4	30.4	32.0	33.6	33.8	34.6	34.6	34.7	34.8	34.9	35.1	35.2
≥ 14000	15.8	20.8	23.6	28.8	30.4	30.4	32.0	33.6	33.8	34.6	34.6	34.7	34.8	34.9	35.1	35.2
≥ 12000	15.8	20.8	23.7	29.0	30.7	30.7	32.2	33.8	34.0	34.8	34.8	34.9	35.0	35.1	35.3	35.4
≥ 10000	16.3	21.6	24.4	30.1	31.8	31.8	33.3	34.9	35.1	35.9	35.9	36.0	36.1	36.2	36.4	36.6
≥ 9000	16.6	21.8	24.7	30.3	32.1	32.1	33.8	35.3	35.6	36.3	36.3	36.4	36.6	36.7	36.9	37.0
≥ 8000	18.1	23.4	26.6	33.6	35.6	35.7	37.3	38.9	39.1	39.9	39.9	40.0	40.1	40.2	40.4	40.6
≥ 7000	19.8	25.3	28.4	36.1	38.2	38.3	40.1	41.7	41.9	42.7	42.7	42.8	42.9	43.0	43.2	43.3
≥ 6000	20.0	25.6	28.8	36.7	38.9	39.0	41.2	42.8	43.0	43.9	43.9	44.0	44.1	44.2	44.4	44.6
≥ 5000	21.3	27.1	30.7	39.2	41.4	41.6	43.8	45.3	45.6	46.6	46.6	46.9	47.0	47.1	47.3	47.4
≥ 4500	23.4	30.1	34.3	43.9	46.3	46.7	49.1	51.1	51.3	52.3	52.3	52.7	52.8	52.9	53.1	53.2
≥ 4000	26.7	34.6	39.7	50.1	52.7	53.0	55.4	57.8	58.0	59.6	59.6	59.9	60.0	60.1	60.3	60.4
≥ 3500	29.2	37.7	43.7	54.1	56.9	57.2	59.8	62.3	62.6	64.1	64.1	64.4	64.6	64.7	64.9	65.0
≥ 3000	32.3	41.8	47.6	58.8	61.9	62.3	65.3	68.4	68.7	70.3	70.3	70.7	70.8	70.9	71.1	71.2
≥ 2500	35.6	45.4	51.4	63.1	66.3	66.8	69.9	73.0	73.2	74.9	74.9	75.2	75.3	75.4	75.7	75.8
≥ 2000	38.8	50.0	56.3	69.0	72.3	72.8	75.9	79.0	79.2	81.0	81.0	81.3	81.4	81.6	81.8	81.9
≥ 1800	39.1	50.8	57.1	69.8	73.1	73.6	76.7	79.8	80.0	81.8	81.8	82.1	82.2	82.3	82.6	82.7
≥ 1500	40.3	52.4	59.0	72.2	75.9	76.4	79.7	82.8	83.0	84.8	84.8	85.1	85.2	85.3	85.6	85.7
≥ 1200	40.8	53.1	59.7	73.3	77.1	77.8	81.0	84.1	84.3	86.1	86.1	86.4	86.6	86.7	86.9	87.0
≥ 1000	41.1	53.7	60.2	74.3	78.1	78.9	82.1	85.2	85.4	87.2	87.2	87.6	87.7	87.8	88.0	88.1
≥ 900	41.2	54.0	60.7	74.9	78.8	79.6	82.9	86.1	86.3	88.1	88.1	88.4	88.6	88.7	88.9	89.0
≥ 800	41.6	54.3	61.2	75.9	79.8	80.6	84.0	87.2	87.4	89.2	89.2	89.6	89.7	89.8	90.0	90.1
≥ 700	41.7	54.4	61.3	76.2	80.2	81.0	84.7	88.0	88.2	90.0	90.0	90.3	90.4	90.6	90.8	90.9
≥ 600	41.8	54.6	61.4	76.6	80.6	81.3	85.0	88.7	89.1	91.0	91.2	91.6	91.7	91.8	92.0	92.1
≥ 500	41.8	54.6	61.4	76.7	80.7	81.4	85.2	90.0	90.9	93.1	93.3	93.7	93.8	93.9	94.1	94.2
≥ 400	42.1	54.9	61.8	77.0	81.0	81.8	85.7	90.7	91.6	94.0	94.4	94.8	94.9	95.0	95.2	95.3
≥ 300	42.1	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.7	95.2	95.8	95.9	96.4	96.8	96.9
≥ 200	42.1	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.8	95.3	95.9	96.6	97.7	98.3	99.0
≥ 100	42.0	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.8	95.4	96.0	96.7	97.8	98.4	100.0
≥ 0	42.0	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.8	95.4	96.0	96.7	97.8	98.4	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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT6.9	≥6 GE6.9	≥5 GE4.9	≥4 GE3.9	≥3 GE2.9	≥2½ GE2.4	≥2 GE1.9	≥1½ GE1.4	≥1 GE0.9	≥¾ GE0.7	≥½ GE0.5	≥⅜ GE0.4	≥¼ GE0.3	≥5/16 GE0.25	≥¼ GE0.2	≥0 GE0.0
NO CEILING	17.1	20.7	22.6	25.0	25.3	25.6	26.1	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 20000	20.8	24.9	27.0	30.4	30.9	31.1	31.7	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 18000	21.1	25.2	27.3	30.8	31.2	31.4	32.0	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 16000	21.1	25.2	27.3	30.8	31.2	31.4	32.0	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	21.2	25.3	27.4	30.9	31.3	31.6	32.1	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 12000	21.3	25.4	27.7	31.1	31.7	31.9	32.4	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 10000	22.0	26.1	28.6	32.0	32.6	32.8	33.3	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 9000	22.3	26.7	29.1	32.6	33.1	33.3	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 8000	24.4	28.8	31.3	35.3	36.0	36.2	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 7000	25.0	29.4	32.1	36.4	37.2	37.4	38.1	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 6000	25.4	30.1	32.8	37.2	38.3	38.6	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 5000	27.2	32.2	35.1	40.0	41.2	41.6	42.1	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	29.2	34.8	37.7	43.1	44.7	45.0	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4000	34.3	40.9	44.1	49.7	51.2	51.6	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 3500	38.1	45.0	48.4	54.7	56.6	56.9	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3000	47.6	56.6	60.4	67.4	69.4	69.8	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	51.6	61.9	65.9	72.9	74.9	75.2	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	55.9	67.6	71.7	79.2	81.4	82.1	83.0	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	56.6	68.7	72.9	80.4	82.7	83.3	84.2	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	59.3	72.4	76.9	84.8	87.1	87.8	88.7	89.2	89.3	89.4	89.6	89.6	89.9	89.9	89.9	89.9
≥ 1200	60.4	74.0	78.8	87.1	89.6	90.2	91.2	91.8	91.9	92.0	92.1	92.1	92.4	92.4	92.4	92.4
≥ 1000	60.7	74.3	79.3	88.2	90.8	91.4	92.7	93.2	93.3	93.6	93.7	93.7	94.0	94.0	94.0	94.0
≥ 900	60.8	74.6	79.8	88.8	91.3	92.0	93.2	93.8	93.9	94.1	94.2	94.2	94.6	94.6	94.6	94.6
≥ 800	60.8	74.7	79.9	89.0	91.6	92.2	93.7	94.2	94.3	94.6	94.7	94.7	95.0	95.0	95.0	95.0
≥ 700	61.0	75.0	80.3	89.6	92.4	93.2	94.7	95.6	95.7	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 600	61.0	75.0	80.3	89.6	92.4	93.2	94.7	95.9	96.0	96.2	96.3	96.3	96.7	96.7	96.7	96.7
≥ 500	61.0	75.0	80.3	89.8	92.7	93.4	95.1	96.9	97.0	97.6	97.7	97.7	98.7	98.0	98.0	98.0
≥ 400	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.4	98.6	98.6	98.9	98.9	98.9	98.9
≥ 300	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.1	99.4	99.6	99.7	99.7
≥ 200	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0
≥ 100	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0
≥ 0	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 74-87 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥⅞ GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥⅜ GE0	≥0 GE0
NO CEILING	17.8	23.3	23.7	25.0	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 18000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 16000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000	22.7	28.3	28.8	30.4	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000	22.9	28.6	29.1	30.7	31.3	31.3	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 10000	24.1	30.1	30.6	32.2	32.9	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 9000	24.3	30.6	31.2	32.8	33.4	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000	25.9	32.1	32.7	34.4	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 7000	26.7	32.9	33.4	35.2	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 6000	26.8	33.1	33.7	35.6	36.3	36.3	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 5000	28.7	35.7	36.4	38.3	39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 4500	32.1	39.3	40.1	42.4	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 4000	40.3	49.3	50.2	53.2	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 3500	48.1	57.6	58.9	62.3	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	59.1	70.4	72.3	76.1	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	64.6	76.9	79.0	83.1	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	67.9	81.3	83.6	88.2	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	68.6	82.8	85.2	90.0	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	69.6	84.1	86.9	91.8	92.9	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 1200	70.3	85.2	88.1	94.1	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	70.3	85.2	88.3	94.9	96.4	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	70.3	85.2	88.3	95.1	96.8	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	70.4	85.3	88.7	95.8	97.6	97.8	98.2	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	70.4	85.3	88.7	95.9	97.8	98.0	98.7	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	70.4	85.3	88.7	96.0	97.9	98.1	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	70.4	85.3	88.7	96.0	98.0	98.2	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(75831) (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9⅞	≥6 EQ9⅞	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2¼	≥1½ GE2	≥1¼ GE1⅝	≥1 GE1¼	≥⅞ GE1	≥¾ GE⅞	≥⅝ GE¾	≥½ GE⅝	≥0 GE½
NO CEILING	19.6	25.1	26.0	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 20000	25.9	32.2	33.4	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 18000	26.0	32.3	33.6	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 16000	26.0	32.3	33.6	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 14000	26.0	32.3	33.6	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000	26.0	32.3	33.6	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	27.0	33.3	34.6	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 9000	27.4	33.8	35.0	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 8000	31.9	37.4	38.7	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	32.6	39.1	40.3	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000	32.8	39.3	40.8	42.6	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 5000	36.0	42.6	44.0	45.8	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500	39.3	46.1	48.0	50.1	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4000	49.0	56.8	59.7	62.1	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3500	55.0	64.2	67.6	70.4	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	64.8	75.6	79.1	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	67.7	79.0	82.7	86.6	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	69.8	81.8	85.9	90.2	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	70.3	82.7	86.8	91.4	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	70.7	83.3	88.1	92.9	93.4	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	71.2	84.2	89.6	95.0	95.6	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	71.3	84.4	90.0	95.9	96.7	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	71.3	84.4	90.1	96.0	96.8	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	71.3	84.4	90.3	96.3	97.3	97.6	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	71.3	84.4	90.3	96.4	97.6	97.8	98.6	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	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

[illegible] LAKENHEATH RAF UK 74-82 APR
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR [illegible]-[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
	GT07	GE6	GE5	GE4	GE3	GE2½	GE2	GE1¾	GE1½	GE1¼	GE1	GE¾	GE½	GE¼	GE0
UNLIMITED	26.3	31.8	33.8	35.1	35.3	35.3	35.3	35.4	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	33.6	39.9	42.1	44.0	44.3	44.3	44.3	44.4	44.7	44.8	44.8	44.8	44.3	44.8	44.8	44.8	44.8
≥ 15000	33.8	40.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	33.8	40.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000	33.8	40.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 8000	33.8	40.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 7000	33.8	40.3	42.6	44.4	44.8	44.8	44.8	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	35.2	41.9	44.2	46.3	46.7	46.7	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 5000	35.8	42.4	44.9	47.2	47.8	47.8	47.8	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 4500	38.6	45.8	48.3	51.9	51.4	51.4	51.4	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4000	39.6	46.9	49.6	52.1	52.7	52.7	52.7	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 3500	39.8	47.1	49.8	52.4	53.0	53.0	53.1	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 3000	41.9	49.4	52.1	55.3	55.9	55.9	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 2500	46.2	53.2	56.0	59.4	60.1	60.1	60.2	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	52.7	61.7	65.1	69.0	69.8	69.8	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	56.1	65.9	69.4	73.9	74.7	74.7	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1600	61.3	72.6	76.3	81.2	82.2	82.2	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1400	63.7	75.4	79.6	84.4	85.4	85.4	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	65.4	77.7	82.6	88.0	89.1	89.1	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	65.7	77.9	82.9	88.3	89.4	89.4	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	65.7	78.6	84.1	89.9	91.1	91.1	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	66.6	79.7	85.7	92.2	93.4	93.4	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	67.1	80.2	86.2	93.1	94.7	94.7	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	67.3	80.2	86.2	93.2	94.8	94.8	96.2	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	67.3	80.6	86.7	94.1	95.7	95.7	97.1	97.7	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	67.3	80.6	86.7	94.3	96.1	96.1	97.7	98.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	67.3	80.6	86.8	94.4	96.2	96.2	97.9	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	67.3	80.6	86.8	94.4	96.2	96.2	97.9	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	67.3	80.6	86.8	94.6	96.3	96.3	98.0	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	67.3	80.6	86.8	94.6	96.3	96.3	98.0	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	67.3	80.6	86.8	94.6	96.3	96.3	98.0	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] LAKENHEATH RAF UK [redacted] 74-82 [redacted] APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 1100-2300
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	
≥22000	38.5	37.6	39.2	41.2	41.3	41.5	41.7	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5
≥20000	35.3	43.3	45.5	48.2	48.3	48.5	48.7	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
≥18000	35.4	43.5	45.7	48.4	48.5	48.7	48.9	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥16000	35.4	43.5	45.7	48.4	48.5	48.7	48.9	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥14000	35.4	43.6	45.8	48.5	48.6	48.8	49.1	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
≥12000	35.4	43.6	45.8	48.5	48.6	48.8	49.1	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
≥10000	36.2	44.6	46.8	49.5	49.6	49.8	50.1	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8
≥9000	36.3	45.3	47.7	50.4	50.5	50.7	50.9	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥8000	39.8	48.6	51.2	53.9	54.1	54.3	54.5	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥7000	39.9	49.1	51.6	54.4	54.5	54.7	54.9	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥6000	40.3	49.2	51.7	54.5	54.6	54.8	55.1	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
≥5000	42.3	51.4	53.9	57.3	57.4	57.7	58.1	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥4500	46.5	56.3	58.9	61.6	62.2	62.5	62.9	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
≥4000	50.9	61.2	64.4	68.9	69.4	69.7	70.1	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9
≥3500	53.8	64.7	68.2	72.9	73.4	73.7	74.1	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥3000	58.5	69.7	73.3	78.3	78.9	79.2	79.6	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥2500	60.5	72.7	76.5	81.9	82.4	82.8	83.2	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥2000	63.0	76.1	80.4	86.0	86.7	87.0	87.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9
≥1800	63.1	76.3	80.6	86.2	86.9	87.2	88.1	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1
≥1600	63.8	77.2	81.9	87.5	88.2	88.5	89.4	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4
≥1400	65.3	79.0	84.4	90.4	91.1	91.5	92.4	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4
≥1200	66.2	79.9	85.7	91.9	92.8	93.2	94.2	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
≥1000	66.3	80.0	86.0	92.4	93.3	93.8	94.9	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥900	66.4	80.6	86.8	93.3	94.3	94.8	95.9	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9
≥800	66.4	80.8	86.9	94.0	95.2	95.7	97.0	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0
≥700	66.4	80.8	86.9	94.4	95.7	96.1	97.6	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6
≥600	66.4	80.8	86.9	94.5	95.9	96.3	98.2	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥500	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥400	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥300	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥200	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥100	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
0	66.4	80.8	86.9	94.5	95.9	96.3	98.2	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK [illegible] '74-87 [illegible]
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

(STATUTE MILES OR HUNDREDS OF METERS)

CEIL	≥26	≥22	≥18	≥16	≥14	≥12	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3
1.2	28.2	28.7	31.4	32.8	32.9	31.5	31.9	32.0	32.2	32.3	32.3	32.3	32.4	32.5
25.2	31.4	33.6	36.5	37.0	37.1	37.2	38.3	38.4	38.6	38.7	38.7	38.7	38.8	38.9
26.1	31.6	33.7	36.7	37.2	37.3	38.0	38.5	38.6	38.8	38.8	38.9	38.9	39.0	39.0
26.1	31.6	33.8	36.7	37.2	37.3	38.0	38.5	38.6	38.8	38.8	38.9	38.9	39.0	39.0
26.1	31.6	33.8	36.7	37.2	37.4	38.0	38.5	38.6	38.9	38.9	39.0	39.0	39.1	39.1
26.1	31.7	33.9	36.9	37.4	37.5	38.2	38.7	38.9	39.2	39.2	39.3	39.3	39.4	39.4
27.0	32.7	35.0	38.1	38.7	38.8	39.4	39.9	40.2	40.7	40.7	40.8	40.9	40.9	41.0
27.4	33.1	35.5	38.6	39.2	39.4	40.2	40.5	40.6	40.8	40.9	40.9	41.0	41.1	41.1
28.0	35.9	39.7	41.9	42.6	42.8	43.5	44.0	44.1	44.3	44.4	44.4	44.4	44.5	44.6
31.7	36.8	39.4	43.1	43.9	44.2	44.7	45.2	45.3	45.5	45.6	45.6	45.7	45.8	45.8
31.9	37.2	39.9	43.6	44.4	44.5	45.4	45.9	46.0	46.2	46.3	46.3	46.4	46.5	46.5
33.3	39.4	42.1	46.3	47.1	47.3	48.1	48.7	49.0	49.1	49.1	49.2	49.2	49.3	49.4
35.8	42.7	45.7	51.3	51.8	51.9	52.9	53.1	53.2	53.5	53.6	53.6	53.7	53.8	53.8
41.9	49.7	53.3	58.5	59.6	59.8	60.8	61.5	61.6	61.9	62.0	62.1	62.1	62.2	62.2
45.7	54.7	58.1	63.7	64.9	65.1	66.2	66.9	66.9	67.3	67.4	67.4	67.5	67.6	67.6
52.3	61.8	66.2	72.1	73.5	73.7	74.9	75.7	75.8	76.2	76.2	76.3	76.4	76.5	76.5
55.1	65.7	70.2	76.6	78.0	78.2	79.4	80.2	80.3	80.8	80.9	80.9	81.0	81.1	81.1
58.2	69.7	74.6	81.5	83.1	83.4	84.7	85.6	85.6	86.1	86.2	86.3	86.3	86.5	86.5
58.5	70.4	75.3	82.3	83.9	84.2	85.5	86.3	86.4	86.9	87.0	87.1	87.1	87.2	87.2
59.8	72.0	77.3	84.6	86.2	86.5	87.9	88.8	88.9	89.4	89.5	89.5	89.6	89.7	89.8
60.7	73.2	78.9	86.7	88.5	88.8	90.3	91.1	91.2	91.7	91.8	91.9	92.0	92.1	92.1
61.1	73.7	79.5	87.7	89.6	90.0	91.5	92.4	92.5	93.0	93.1	93.2	93.3	93.4	93.5
61.2	73.9	79.8	88.1	90.0	90.4	92.0	93.0	93.1	93.6	93.7	93.8	93.9	94.0	94.0
61.5	74.3	80.2	88.9	90.9	91.3	93.0	94.0	94.1	94.7	94.8	94.8	94.9	95.1	95.1
61.6	74.4	80.5	89.3	91.4	91.8	93.7	94.8	94.9	95.4	95.5	95.6	95.7	95.8	95.9
61.6	74.6	80.7	89.6	91.7	92.2	94.3	95.4	95.6	96.2	96.3	96.4	96.5	96.6	96.7
61.7	74.6	80.8	89.8	92.0	92.5	94.6	96.2	96.4	97.1	97.3	97.3	97.5	97.6	97.6
61.7	74.7	80.9	90.0	92.2	92.7	94.9	96.7	96.9	97.8	98.0	98.1	98.2	98.3	98.3
61.7	74.7	80.9	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.4	98.6	98.7	98.9	99.0
61.7	74.7	80.9	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.4
61.7	74.7	80.9	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.5
61.7	74.7	80.9	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

LAKENHEATH RAF UK — STATION NAME — 74-87 — YEAR — MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

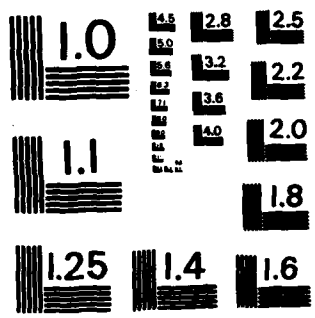
VISIBILITY (HUNDREDS OF METERS)

CEILING (HUNDREDS OF FEET)	≥50	≥40	≥30	≥24	≥20	≥16	≥12	≥10	≥8	≥6	≥5	≥4	≥3	≥2	≥1	<1
≥22000	39.9	43.5	46.1	47.6	48.4	49.4	51.0	51.6	51.8	51.9	51.7	51.4	51.4	51.5	51.7	52.0
18000	39.5	47.5	50.4	52.3	53.7	53.7	54.5	54.9	55.2	55.5	55.6	55.7	55.7	55.8	56.0	56.2
14000	39.5	47.5	50.4	52.3	53.7	53.7	54.5	54.9	55.2	55.5	55.6	55.7	55.7	55.8	56.0	56.2
12000	39.5	47.5	50.4	52.3	53.7	53.7	54.5	54.9	55.2	55.5	55.6	55.7	55.7	55.8	56.0	56.2
10000	39.6	47.6	50.5	52.3	53.8	53.8	54.6	55.0	55.4	55.6	55.7	55.8	55.8	55.9	56.1	56.4
9000	39.9	47.9	50.7	52.6	54.2	54.2	54.9	55.2	55.6	55.8	56.0	56.1	56.1	56.2	56.4	56.6
8000	39.9	47.9	50.7	52.6	54.2	54.2	54.9	55.2	55.6	55.8	56.0	56.1	56.1	56.2	56.4	56.6
7000	40.3	48.8	51.7	54.2	55.8	55.8	56.5	56.8	56.8	56.9	57.0	57.1	57.1	57.2	57.4	57.6
6000	40.3	48.9	51.8	54.3	55.9	55.9	56.6	56.9	56.9	57.0	57.1	57.2	57.2	57.3	57.5	57.7
5000	41.3	52.6	56.1	58.5	59.4	59.4	60.2	60.6	61.0	61.2	61.3	61.4	61.4	61.5	61.7	62.0
4500	42.1	53.9	57.5	60.1	61.2	61.2	62.3	62.6	63.0	63.2	63.3	63.5	63.5	63.6	63.8	64.2
4000	42.5	54.4	58.1	60.8	61.9	61.9	63.0	63.4	63.8	64.0	64.1	64.2	64.2	64.3	64.5	64.8
3500	42.4	56.1	59.8	62.9	63.9	63.9	65.1	65.5	65.8	66.1	66.2	66.3	66.3	66.4	66.5	66.8
3000	43.1	61.5	64.4	67.0	68.0	68.0	69.3	69.8	70.1	70.3	70.4	70.5	70.6	70.8	71.0	71.4
2500	47.5	65.1	69.5	73.6	75.0	75.0	76.5	76.9	77.3	77.5	77.6	77.7	77.7	77.9	78.1	78.5
2000	49.5	67.7	72.4	76.4	77.9	77.9	79.4	79.8	80.1	80.4	80.5	80.6	80.6	80.7	80.8	81.2
1800	52.4	71.5	76.4	80.6	82.0	82.0	83.5	83.9	84.3	84.5	84.6	84.8	84.8	84.9	85.0	85.4
1600	53.3	72.6	77.7	81.9	83.3	83.3	84.9	85.5	85.9	86.1	86.2	86.3	86.3	86.4	86.5	86.9
1400	54.3	74.9	80.2	84.4	86.0	86.0	87.5	88.1	88.5	88.7	88.8	88.9	88.9	89.1	89.2	89.6
1200	55.1	75.1	80.5	84.6	86.2	86.2	87.7	88.3	88.7	88.9	89.1	89.2	89.2	89.4	89.6	90.0
1000	55.7	76.0	81.3	85.7	87.3	87.4	88.9	89.5	89.9	90.1	90.2	90.4	90.4	90.6	90.8	91.2
900	55.3	76.1	81.7	86.3	87.9	88.0	89.6	90.1	90.5	90.7	90.8	91.0	91.0	91.1	91.3	91.6
800	55.4	76.7	82.4	87.6	89.2	89.3	91.0	91.5	91.9	92.1	92.3	92.4	92.4	92.6	92.8	93.2
700	56.5	76.8	82.6	88.0	89.5	89.6	91.3	92.0	92.4	92.6	92.7	92.9	92.9	93.1	93.3	93.7
600	56.5	77.1	83.5	89.1	90.7	90.9	92.6	93.3	93.7	93.9	94.0	94.2	94.2	94.4	94.6	95.0
500	56.8	77.4	83.7	89.8	91.4	91.6	93.3	94.0	94.4	94.6	94.8	94.9	94.9	95.1	95.3	95.7
400	56.8	77.4	83.7	89.9	91.7	91.8	93.7	94.4	95.1	95.4	95.5	95.6	95.6	95.8	96.0	96.4
300	56.8	77.4	83.7	90.1	92.0	92.1	94.0	94.8	95.6	96.0	96.1	96.3	96.4	96.5	96.7	97.1
200	56.8	77.4	83.8	90.4	92.5	92.6	94.8	95.6	96.5	97.0	97.3	97.5	97.6	97.7	97.9	98.3
100	56.8	77.4	83.8	90.4	92.5	92.6	94.9	96.7	97.7	98.2	98.6	98.8	98.9	99.0	99.2	99.6
50	56.8	77.4	83.8	90.4	92.5	92.6	94.9	96.8	98.0	98.6	98.9	99.2	99.3	99.4	99.5	99.9
0	56.8	77.4	83.8	90.4	92.5	92.6	94.9	96.8	98.0	98.6	98.9	99.2	99.3	99.4	99.5	[illegible]
	56.8	77.4	83.8	90.4	92.5	92.6	94.9	96.8	98.0	98.6	98.9	99.2	99.3	99.4	99.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

AD-A140 248 LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84 3/5

UNCLASSIFIED USAFETAC/DS-84/008 SBI-AD-E850 624 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	16.8	29.0	33.2	37.3	38.5	38.9	40.6	40.7	40.9	41.3	41.6	41.9	42.1	42.6	42.6	43.6
≥ 20000	19.0	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 18000	19.0	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 16000	19.0	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 14000	19.1	32.8	37.8	42.6	43.9	44.3	46.0	46.1	46.4	46.8	47.3	47.5	47.8	48.2	48.2	49.3
≥ 12000	19.1	32.9	37.9	42.7	44.1	44.4	46.1	46.3	46.5	46.9	47.4	47.6	47.9	48.3	48.3	49.4
≥ 10000	20.0	34.0	39.1	44.2	45.6	45.9	47.6	47.8	48.0	48.4	48.9	49.1	49.4	49.8	49.8	50.9
≥ 9000	20.0	34.1	39.3	44.4	45.8	46.1	47.9	48.0	48.2	48.7	49.1	49.4	49.6	50.1	50.1	51.1
≥ 8000	22.7	37.6	43.8	49.3	50.7	51.1	52.8	52.9	53.2	53.6	54.2	54.4	54.7	55.1	55.1	56.3
≥ 7000	23.2	38.3	45.0	50.9	52.5	52.8	54.8	55.4	55.6	56.2	56.7	57.0	57.2	57.7	57.7	58.8
≥ 6000	23.4	38.6	45.3	51.2	52.8	53.2	55.1	55.7	55.9	56.5	57.1	57.3	57.6	58.0	58.0	59.2
≥ 5000	24.6	39.8	46.7	52.8	54.6	55.0	57.0	57.8	58.0	58.8	59.4	59.6	59.9	60.3	60.3	61.5
≥ 4500	27.1	43.4	50.6	57.4	59.7	60.2	62.2	63.0	63.2	64.0	64.6	64.8	65.1	65.5	65.5	66.7
≥ 4000	30.1	47.8	55.9	63.2	66.1	66.6	68.7	69.7	70.1	70.9	71.5	71.7	72.0	72.4	72.4	73.6
≥ 3500	31.4	49.5	57.8	65.2	68.1	68.5	71.0	72.0	72.4	73.2	73.8	74.0	74.3	74.7	74.7	75.9
≥ 3000	33.3	52.2	60.7	68.4	71.3	71.7	74.4	75.4	75.9	76.7	77.3	77.5	77.7	78.2	78.2	79.4
≥ 2500	34.0	53.7	62.3	70.0	73.1	73.6	76.2	77.4	77.9	78.7	79.2	79.5	79.7	80.2	80.2	81.3
≥ 2000	35.2	55.6	64.2	73.0	76.1	76.6	79.2	80.4	80.9	81.7	82.2	82.5	82.7	83.2	83.2	84.3
≥ 1800	35.5	56.1	64.7	73.5	76.6	77.0	79.7	80.9	81.3	82.1	82.7	82.9	83.2	83.6	83.6	84.8
≥ 1500	36.8	57.4	66.3	75.7	78.9	79.5	82.1	83.3	83.7	84.5	85.1	85.4	85.6	86.0	86.0	87.2
≥ 1200	37.3	58.5	67.9	77.4	80.7	81.3	84.4	85.6	86.0	86.9	87.4	87.7	87.9	88.4	88.4	89.5
≥ 1000	37.5	58.8	68.3	78.0	81.3	81.9	85.4	86.5	87.0	87.9	88.5	88.7	89.0	89.5	89.5	90.7
≥ 900	37.8	59.4	69.0	79.0	82.4	82.9	86.7	87.9	88.4	89.3	89.9	90.1	90.4	90.9	90.9	92.0
≥ 800	38.2	60.0	69.9	80.2	83.6	84.2	88.2	89.5	90.0	90.9	91.5	91.7	92.0	92.5	92.5	93.7
≥ 700	38.2	60.0	69.9	80.3	83.7	84.4	88.6	89.9	90.3	91.2	91.8	92.0	92.4	92.8	92.8	94.0
≥ 600	38.2	60.0	69.9	80.3	83.7	84.5	88.7	90.2	90.7	91.6	92.2	92.4	92.7	93.2	93.2	94.3
≥ 500	38.2	60.0	70.0	81.1	84.8	85.6	90.1	91.6	92.0	93.0	93.7	93.9	94.2	94.7	94.7	95.8
≥ 400	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.1	93.8	95.0	96.0	96.3	96.8	97.5	97.5	98.6
≥ 300	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	95.8	96.8	97.1	97.7	98.5	98.5	99.9
≥ 200	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0
≥ 100	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0
≥ 0	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 867

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	≥5/16 GE05	¼ GE04	≥0 GE00
NO CEILING	16.4	26.3	29.8	33.7	34.7	34.8	35.1	35.8	35.8	36.1	36.2	36.2	36.2	36.3	36.6	37.2
≥ 20000	19.7	31.4	35.6	40.3	41.5	41.6	41.9	42.5	42.5	43.0	43.2	43.2	43.2	43.3	43.5	44.2
≥ 18000	19.8	31.6	35.7	40.5	41.7	41.8	42.1	42.8	42.8	43.2	43.4	43.4	43.4	43.5	43.7	44.4
≥ 16000	19.8	31.6	35.7	40.5	41.7	41.8	42.1	42.8	42.8	43.2	43.4	43.4	43.4	43.5	43.7	44.4
≥ 14000	19.8	31.8	35.9	40.7	41.9	42.0	42.3	43.0	43.0	43.4	43.6	43.6	43.6	43.7	44.0	44.6
≥ 12000	19.8	31.8	36.0	40.8	42.0	42.1	42.4	43.1	43.1	43.5	43.7	43.7	43.7	43.9	44.1	44.7
≥ 10000	20.3	32.8	37.4	43.0	44.2	44.3	44.7	45.4	45.4	45.8	46.0	46.0	46.0	46.1	46.4	47.0
≥ 9000	20.6	33.3	38.0	43.5	44.8	44.9	45.4	46.0	46.0	46.5	46.7	46.7	46.7	46.8	47.0	47.7
≥ 8000	23.4	37.3	42.9	49.1	50.7	50.8	51.3	51.9	51.9	52.3	52.6	52.6	52.6	52.7	52.9	53.5
≥ 7000	24.6	38.8	44.5	51.4	53.2	53.3	53.9	54.5	54.5	55.2	55.4	55.4	55.4	55.5	55.7	56.4
≥ 6000	25.0	39.3	44.9	51.8	53.6	53.8	54.3	55.0	55.0	55.6	55.8	55.8	55.8	55.9	56.1	56.8
≥ 5000	26.7	41.7	47.7	54.8	57.0	57.1	57.9	58.5	58.5	59.4	59.6	59.6	59.6	59.7	60.0	60.6
≥ 4500	28.7	45.0	51.3	58.8	61.3	61.4	62.1	62.8	62.8	63.7	63.9	63.9	63.9	64.0	64.2	64.9
≥ 4000	31.4	48.7	55.6	64.3	67.1	67.2	68.3	69.2	69.2	70.4	70.6	70.6	70.6	70.7	70.9	71.6
≥ 3500	33.1	50.4	57.3	66.5	69.4	69.6	70.8	71.9	71.9	73.1	73.3	73.3	73.3	73.4	73.7	74.3
≥ 3000	35.6	53.2	60.6	70.0	73.2	73.6	75.1	76.3	76.3	77.5	77.7	77.7	77.7	77.8	78.0	78.7
≥ 2500	35.7	53.8	61.7	71.3	74.5	74.9	76.4	77.6	77.6	78.8	79.0	79.0	79.0	79.1	79.3	80.0
≥ 2000	36.8	55.4	63.7	73.8	77.3	77.6	79.1	80.3	80.3	81.5	82.0	82.0	82.0	82.2	82.4	83.0
≥ 1800	36.9	55.8	64.4	74.5	78.0	78.3	80.0	81.2	81.2	82.4	82.9	82.9	82.9	83.0	83.2	83.9
≥ 1500	38.1	57.3	66.5	77.4	81.6	81.9	83.6	84.8	84.8	86.0	86.5	86.5	86.5	86.6	86.8	87.5
≥ 1200	39.1	58.7	68.3	80.3	84.8	85.1	86.7	87.9	87.9	89.1	89.7	89.7	89.7	89.8	90.0	90.6
≥ 1000	39.5	59.3	69.0	82.5	87.1	87.4	89.2	90.6	90.6	91.8	92.4	92.4	92.4	92.5	92.7	93.4
≥ 900	39.8	59.7	69.4	83.4	88.0	88.4	90.2	91.6	91.6	92.8	93.4	93.4	93.4	93.5	93.7	94.3
≥ 800	39.9	59.8	69.5	83.7	88.4	88.7	90.6	92.1	92.1	93.3	93.8	93.8	93.8	93.9	94.1	94.8
≥ 700	39.9	59.8	69.6	83.8	88.6	89.0	91.1	92.8	92.8	94.2	94.9	94.9	95.0	95.1	95.3	96.0
≥ 600	40.0	60.0	69.7	84.0	89.0	89.4	91.5	93.3	93.3	94.7	95.3	95.3	95.4	95.5	95.8	96.4
≥ 500	40.0	60.1	69.9	84.3	89.7	90.2	92.4	94.3	94.5	96.0	96.6	96.6	96.7	96.8	97.1	97.7
≥ 400	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	95.1	96.8	97.7	97.7	97.8	97.9	98.2	98.8
≥ 300	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	95.1	97.3	98.2	98.2	98.3	98.5	98.8	99.5
≥ 200	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	95.1	97.4	98.3	98.3	98.4	98.6	98.9	99.7
≥ 100	40.0	60.2	70.0	84.4	89.8	90.3	92.5	95.0	95.2	97.5	98.4	98.4	98.5	98.8	99.1	99.9
≥ 0	40.0	60.2	70.0	84.4	89.8	90.3	92.5	95.0	95.2	97.5	98.4	98.4	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 919

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9⅞	≥6 GE9⅞	≥5 GE8⅞	≥4 GE6⅞	≥3 GE4⅞	≥2½ GE4⅜	≥2 GE3⅜	≥1½ GE2⅜	≥1¼ GE2⅛	≥1 GE1⅜	≥⅞ GE1⅛	≥¾ GE⅞	≥½ GE⅝	≥5/16 GE½	≥¼ GE5/16	≥0 GE¼
NO CEILING	18.7	26.9	28.2	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000	24.5	33.7	35.6	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	24.6	34.2	36.2	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	25.6	35.8	37.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	26.3	36.7	38.8	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 8000	28.9	40.5	42.8	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	30.3	41.9	44.2	47.4	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	30.0	41.9	44.2	47.6	47.7	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 5000	31.5	43.9	46.5	50.5	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	33.7	46.7	49.3	53.5	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4000	38.9	52.6	55.9	61.1	61.8	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3500	43.2	57.5	60.8	66.1	66.8	66.8	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3000	52.4	69.6	73.1	78.9	79.5	79.5	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	54.7	73.1	76.9	82.9	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	56.9	76.1	80.4	87.0	87.8	87.8	88.2	88.7	88.7	88.7	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1800	57.8	77.3	81.7	88.5	89.2	89.2	89.7	90.1	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1500	59.6	80.5	85.5	92.7	93.6	93.6	94.0	94.4	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1200	60.0	81.3	86.9	94.6	95.4	95.5	96.1	96.5	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	60.3	81.7	87.4	95.4	96.5	96.6	97.3	97.7	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	60.5	81.9	87.6	95.6	96.7	96.8	97.5	98.1	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	60.5	81.9	87.7	96.2	97.3	97.4	98.0	98.7	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	60.5	81.9	87.9	96.4	97.5	97.6	98.3	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	60.5	81.9	87.9	96.4	97.6	97.7	98.4	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 500	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	60.5	81.9	87.9	96.4	97.6	97.7	98.5	99.3	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 E09	≥5 GE8	≥4 GE6	≥3 GE4	≥2 2 GE4	≥2 GE3	≥1 1/2 GE2	≥1 1/4 GE2	≥1 GE1	≥3/4 GE1	≥1/2 GE1	≥3/8 GE0	≥5/16 GE0	≥1/4 GE0	≥0 GE0
NO CEILING	20.7	27.9	28.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 20000	25.5	34.1	34.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 18000	25.9	34.5	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 16000	25.9	34.5	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	26.0	34.6	35.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 12000	26.1	35.3	35.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 10000	26.7	35.9	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 9000	27.5	36.7	37.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 8000	30.5	40.5	41.6	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 7000	31.5	41.6	42.8	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 6000	31.5	41.6	42.8	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 5000	33.7	45.0	46.3	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 4500	35.6	48.5	49.8	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000	43.2	57.6	59.0	61.1	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	49.5	65.4	66.9	69.2	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3000	61.9	79.5	81.4	84.2	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	63.5	81.9	83.8	87.0	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	66.7	86.3	88.5	91.9	92.6	92.6	92.6	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	67.2	86.9	89.2	92.7	93.4	93.4	93.4	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	68.5	88.3	91.1	95.1	95.9	95.9	95.9	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	69.7	89.9	92.8	97.1	97.8	97.8	97.8	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	69.8	90.0	92.9	97.3	98.0	98.0	98.0	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	69.8	90.0	92.9	97.4	98.1	98.1	98.1	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	69.9	90.1	93.0	97.5	98.5	98.5	98.5	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.9	90.1	93.0	97.7	98.7	98.7	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.9	90.1	93.0	97.7	98.7	98.7	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.9	90.1	93.0	97.7	98.7	98.7	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.9	90.1	93.0	97.7	98.7	98.7	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.9	90.1	93.0	97.7	98.7	98.7	98.8	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 E090	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	23.4	30.7	31.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 20000	29.1	38.6	39.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	29.5	39.0	39.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 16000	30.0	39.4	40.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000	30.1	39.5	40.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	30.4	40.1	40.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000	30.8	40.6	41.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	31.3	41.2	42.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 8000	34.4	44.9	46.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 7000	36.2	46.9	48.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	36.4	47.4	48.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	40.2	52.0	53.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500	45.2	59.2	60.7	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	52.6	67.4	69.1	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500	58.7	74.9	76.7	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	67.0	85.1	86.9	89.4	89.7	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	68.3	86.7	88.6	91.1	91.3	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	71.0	90.1	92.3	94.8	95.1	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	71.0	90.1	92.4	94.9	95.2	95.2	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	71.2	90.7	93.1	95.9	96.5	96.6	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	71.6	91.5	94.1	96.9	97.6	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	71.7	91.7	94.3	97.2	97.8	97.9	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	71.7	91.7	94.3	97.3	97.9	98.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	71.7	91.7	94.3	97.4	98.1	98.3	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	71.7	91.7	94.3	97.4	98.1	98.5	98.9	99.3	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES: OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	5/16 GE05	¼ GE04	⅛ GE0
NO CEILING	29.7	40.6	41.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	35.9	48.6	49.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	36.4	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	36.4	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	36.5	49.5	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	36.6	49.9	51.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	36.9	50.4	51.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	37.3	50.9	52.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	42.4	56.6	58.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	43.9	59.0	61.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	44.2	59.8	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	46.8	62.7	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	49.7	66.8	69.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	56.1	74.1	77.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	58.5	77.2	80.9	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	64.2	83.9	87.8	90.7	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	65.5	85.5	89.5	92.5	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	66.2	86.9	91.1	94.2	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	66.3	87.4	91.6	94.8	95.4	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	66.4	87.7	92.2	95.6	96.5	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	66.6	88.0	92.5	96.2	97.2	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	66.6	88.0	92.5	96.3	97.3	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	66.6	88.0	92.5	96.3	97.3	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	66.6	88.0	92.7	96.7	97.7	97.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	66.6	88.0	92.7	96.7	97.7	97.8	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.8	100.0	100.0	100.0
≥ 200	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.8	100.0	100.0	100.0
≥ 100	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.8	100.0	100.0	100.0
≥ 0	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GT9	≥6 E09	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥⅜ GE0	≥5/16 GE0	≥0 GE0
NO CEILING	34.4	46.8	48.6	49.7	50.5	50.7	51.0	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 20000	37.5	51.2	53.5	54.6	55.4	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 18000	37.5	51.2	53.5	54.6	55.4	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 16000	37.5	51.3	53.6	54.8	55.5	55.8	56.0	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 14000	37.7	51.7	54.1	55.2	56.0	56.2	56.4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 12000	37.7	51.7	54.1	55.2	56.0	56.2	56.4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 10000	38.3	52.5	55.0	56.1	56.9	57.1	57.3	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 9000	38.4	52.6	55.2	56.3	57.1	57.3	57.6	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
≥ 8000	40.6	55.5	58.5	59.8	60.7	60.9	61.1	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 7000	41.5	57.3	60.5	61.9	62.8	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
≥ 6000	42.1	57.9	61.0	62.5	63.4	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 5000	43.7	60.4	63.7	65.4	66.4	66.6	66.9	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 4500	47.7	65.7	69.2	71.1	72.1	72.3	72.6	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 4000	55.1	73.8	77.8	80.1	81.1	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 3500	56.4	76.3	80.9	83.3	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 3000	59.7	80.0	84.8	87.2	88.2	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 2500	60.6	81.1	85.9	88.4	89.5	89.8	90.1	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 2000	61.7	82.4	87.5	89.9	91.0	91.4	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 1800	61.8	82.9	87.9	90.4	91.6	91.9	92.6	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1
≥ 1500	62.2	83.5	88.8	91.4	92.6	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1200	63.3	85.3	90.8	93.4	94.6	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	63.4	85.6	91.2	93.7	95.0	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 900	63.4	85.7	91.3	93.8	95.1	95.4	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 800	63.5	85.8	91.8	94.8	96.1	96.9	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 700	63.5	85.9	91.9	95.0	96.2	96.5	97.6	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	63.5	85.9	91.9	95.0	96.2	96.5	97.9	98.4	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8
≥ 500	63.5	85.9	91.9	95.0	96.3	96.6	98.2	98.8	99.0	99.2	99.2	99.2	99.4	99.6	99.6	99.6
≥ 400	63.5	85.9	91.9	95.1	96.4	96.8	98.4	99.0	99.2	99.4	99.4	99.4	99.7	99.8	99.8	99.8
≥ 300	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 200	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

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

03583 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2 7/8 GE40	≥2 GE32	≥1 7/8 GE24	≥1 1/2 GE20	≥1 GE16	≥7/8 GE12	≥3/4 GE10	≥1/2 GE08	≥5/16 GE05	≥1/4 GE04	≥0 GE0
NO CEILING	23.7	33.8	35.8	37.7	38.2	38.3	38.7	38.9	38.9	39.0	39.1	39.1	39.2	39.3	39.3	39.6
≥ 20000	28.0	39.6	42.0	44.3	44.8	44.9	45.2	45.4	45.5	45.6	45.7	45.8	45.8	45.9	45.9	46.2
≥ 18000	28.2	39.8	42.2	44.5	45.0	45.1	45.4	45.6	45.7	45.8	45.9	46.0	46.0	46.1	46.2	46.4
≥ 16000	28.2	39.9	42.2	44.5	45.1	45.1	45.5	45.7	45.8	45.9	46.0	46.1	46.1	46.2	46.2	46.5
≥ 14000	28.3	40.1	42.4	44.8	45.3	45.3	45.7	45.9	46.0	46.1	46.2	46.3	46.3	46.4	46.4	46.7
≥ 12000	28.4	40.4	42.8	45.1	45.6	45.7	46.0	46.2	46.3	46.4	46.5	46.6	46.6	46.7	46.8	47.0
≥ 10000	29.0	41.3	43.8	46.3	46.8	46.9	47.3	47.5	47.5	47.7	47.8	47.8	47.9	47.9	48.0	48.2
≥ 9000	29.4	41.7	44.3	46.8	47.4	47.4	47.8	48.0	48.1	48.2	48.3	48.4	48.4	48.5	48.5	48.8
≥ 8000	32.5	45.7	48.7	51.5	52.1	52.2	52.6	52.8	52.8	53.0	53.1	53.1	53.2	53.3	53.3	53.6
≥ 7000	33.6	47.2	50.4	53.5	54.1	54.2	54.7	55.0	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.8
≥ 6000	33.9	47.6	50.8	53.9	54.5	54.6	55.1	55.4	55.4	55.6	55.7	55.8	55.8	55.9	55.9	56.2
≥ 5000	35.8	50.2	53.6	56.9	57.7	57.8	58.3	58.6	58.7	58.9	59.0	59.1	59.1	59.2	59.3	59.5
≥ 4500	38.9	54.4	58.0	61.7	62.6	62.7	63.3	63.6	63.7	63.9	64.0	64.1	64.1	64.2	64.2	64.5
≥ 4000	44.4	60.9	65.0	69.3	70.5	70.6	71.3	71.6	71.7	72.0	72.1	72.2	72.2	72.3	72.3	72.6
≥ 3500	47.6	64.9	69.2	73.6	74.8	75.0	75.7	76.1	76.2	76.5	76.6	76.7	76.7	76.8	76.8	77.1
≥ 3000	53.4	72.0	76.5	81.3	82.5	82.7	83.5	84.0	84.1	84.3	84.5	84.5	84.6	84.6	84.7	84.9
≥ 2500	54.6	73.7	78.4	83.2	84.6	84.7	85.5	86.1	86.2	86.4	86.6	86.6	86.6	86.7	86.8	87.0
≥ 2000	56.3	76.1	81.1	86.2	87.7	87.8	88.7	89.3	89.3	89.6	89.9	89.9	90.0	90.0	90.1	90.3
≥ 1800	56.6	76.6	81.7	86.8	88.3	88.4	89.3	89.9	90.0	90.3	90.5	90.5	90.6	90.7	90.7	91.0
≥ 1500	57.5	77.8	83.2	88.8	90.5	90.7	91.6	92.1	92.2	92.5	92.7	92.8	92.8	92.9	93.0	93.2
≥ 1200	58.1	78.8	84.5	90.4	92.1	92.3	93.3	93.9	94.0	94.3	94.5	94.5	94.6	94.7	94.7	95.0
≥ 1000	58.3	79.1	84.9	91.1	92.9	93.1	94.2	94.8	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.9
≥ 900	58.4	79.3	85.1	91.5	93.2	93.5	94.6	95.2	95.3	95.6	95.9	95.9	96.0	96.1	96.1	96.4
≥ 800	58.5	79.4	85.4	92.0	93.9	94.1	95.3	96.0	96.1	96.5	96.7	96.7	96.8	96.9	96.9	97.2
≥ 700	58.5	79.5	85.5	92.2	94.1	94.4	95.7	96.4	96.6	96.9	97.2	97.2	97.3	97.4	97.4	97.7
≥ 600	58.5	79.5	85.5	92.3	94.2	94.5	95.9	96.7	96.8	97.2	97.5	97.5	97.6	97.7	97.8	98.0
≥ 500	58.5	79.5	85.5	92.4	94.5	94.8	96.2	97.1	97.3	97.8	98.1	98.2	98.3	98.4	98.4	98.7
≥ 400	58.5	79.5	85.6	92.5	94.6	94.9	96.3	97.5	97.8	98.3	98.7	98.8	98.9	99.1	99.1	99.4
≥ 300	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.7	99.1	99.2	99.3	99.5	99.6	99.9
≥ 200	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.1	99.2	99.4	99.6	99.6	99.9
≥ 100	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.2	99.2	99.4	99.6	99.7	100.0
≥ 0	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.2	99.2	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7191

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	⅜ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING	24.0	36.9	40.4	44.6	45.3	45.7	47.2	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6
≥ 20000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6
≥ 18000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6
≥ 16000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6
≥ 14000	26.3	39.8	43.3	48.0	49.1	49.4	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7
≥ 12000	26.3	39.8	43.3	48.0	49.1	49.4	51.3	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7
≥ 10000	27.3	41.3	45.0	49.7	50.8	51.1	53.0	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
≥ 9000	27.8	41.8	45.8	50.4	51.6	51.9	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2
≥ 8000	31.6	46.7	50.8	55.9	57.1	57.4	59.3	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8
≥ 7000	31.7	47.3	51.7	56.8	58.0	58.3	60.2	60.4	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7
≥ 6000	31.8	47.4	51.8	56.9	58.1	58.4	60.3	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8
≥ 5000	34.9	51.1	56.1	61.4	62.7	63.0	64.9	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3
≥ 4500	38.7	56.0	61.2	66.6	68.0	68.4	70.3	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8
≥ 4000	43.4	61.2	66.8	72.6	74.1	74.6	76.6	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1
≥ 3500	44.4	63.3	69.6	75.8	77.3	77.8	79.9	80.1	80.1	80.2	80.2	80.4	80.4	80.6	80.6	80.6
≥ 3000	46.8	65.9	72.3	79.0	80.7	81.1	83.7	83.9	83.9	84.0	84.0	84.2	84.2	84.3	84.3	84.3
≥ 2500	48.2	67.4	73.9	80.6	82.2	82.7	85.2	85.4	85.4	85.6	85.6	85.8	85.8	85.9	85.9	85.9
≥ 2000	49.4	69.0	75.6	82.4	84.2	84.7	87.2	87.4	87.4	87.6	87.6	87.8	87.8	87.9	87.9	87.9
≥ 1800	49.9	69.4	76.7	82.9	84.7	85.1	87.7	87.9	87.9	88.0	88.0	88.2	88.2	88.3	88.3	88.3
≥ 1500	51.8	71.6	78.2	85.1	86.9	87.3	89.9	90.1	90.1	90.2	90.2	90.4	90.4	90.6	90.6	90.6
≥ 1200	52.4	72.7	79.6	86.6	88.3	88.8	91.3	91.6	91.6	91.7	91.7	91.9	91.9	92.0	92.0	92.0
≥ 1000	52.8	73.0	80.0	87.0	88.8	89.2	91.8	92.1	92.1	92.2	92.2	92.4	92.4	92.6	92.6	92.6
≥ 900	52.9	73.7	80.8	87.9	89.7	90.1	92.7	93.0	93.0	93.1	93.1	93.3	93.3	93.4	93.4	93.4
≥ 800	53.4	74.6	81.7	89.0	90.8	91.2	93.8	94.2	94.2	94.3	94.3	94.6	94.6	94.7	94.7	94.7
≥ 700	53.4	74.8	81.9	89.6	91.3	91.8	94.3	94.8	94.8	94.9	94.9	95.1	95.1	95.2	95.2	95.2
≥ 600	53.4	75.2	82.3	90.3	92.1	92.6	95.1	95.6	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0
≥ 500	53.4	75.2	82.4	90.6	92.4	93.2	96.1	96.6	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1
≥ 400	53.4	75.2	82.4	90.7	93.0	93.8	96.8	97.6	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1
≥ 300	53.4	75.2	82.4	90.7	93.0	93.8	97.2	98.0	98.1	98.2	98.2	98.4	98.6	98.7	98.9	98.9
≥ 200	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	98.9	98.9	99.1	99.2	99.3	99.8	99.8
≥ 100	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	99.0	99.0	99.2	99.3	99.4	99.9	100.0
≥ 0	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	99.0	99.0	99.2	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9.3	≥6 EQ6.0	≥5 GE5.0	≥4 GE4.0	≥3 GE3.0	≥2 2/3 GE2.5	≥2 GE2.0	≥1 1/2 GE1.5	≥1 1/4 GE1.25	≥1 GE1.0	≥3/4 GE.75	≥1/2 GE.50	≥3/8 GE.375	≥1/4 GE.25	≥3/16 GE.187	≥1/8 GE.125	≥0 GE0
NO CEILING	11.6	20.0	23.9	29.9	32.1	32.6	34.9	36.5	37.1	37.8	37.9	38.0	38.0	38.2	38.4	38.7	
≥ 20000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6	
≥ 18000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6	
≥ 16000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6	
≥ 14000	13.4	22.8	27.4	34.2	36.3	36.9	39.4	41.6	42.1	42.8	42.9	43.0	43.0	43.2	43.5	43.7	
≥ 12000	13.4	22.8	27.4	34.2	36.3	36.9	39.4	41.6	42.1	42.8	42.9	43.0	43.0	43.2	43.5	43.7	
≥ 10000	14.3	23.7	28.5	35.4	37.8	38.3	41.0	43.1	43.8	44.5	44.6	44.7	44.7	44.9	45.3	45.5	
≥ 9000	15.1	24.8	29.8	37.1	39.7	40.2	43.1	45.3	45.9	46.6	46.7	46.8	46.8	47.0	47.4	47.6	
≥ 8000	16.5	27.0	32.5	40.0	42.7	43.4	46.3	48.5	49.2	49.8	49.9	50.1	50.1	50.4	50.7	50.9	
≥ 7000	17.7	28.5	34.0	41.7	44.4	45.3	48.4	50.6	51.3	52.0	52.1	52.2	52.2	52.5	52.8	53.1	
≥ 6000	18.2	29.1	34.5	42.2	44.9	45.8	48.9	51.2	51.8	52.5	52.6	52.7	52.7	53.2	53.5	53.7	
≥ 5000	21.0	32.7	38.7	46.8	49.9	50.8	54.1	56.6	57.3	58.0	58.1	58.2	58.2	58.7	59.0	59.2	
≥ 4500	25.8	38.9	45.1	53.7	57.1	58.2	61.8	64.5	65.3	65.9	66.0	66.1	66.1	66.6	66.9	67.2	
≥ 4000	28.4	43.0	49.9	59.0	62.8	63.9	67.8	70.5	71.3	72.0	72.3	72.4	72.4	72.8	73.2	73.4	
≥ 3500	29.2	44.9	52.3	61.6	65.5	66.7	71.1	73.7	74.5	75.2	75.5	75.6	75.6	76.1	76.5	76.9	
≥ 3000	30.7	46.7	54.1	63.6	67.8	69.1	73.5	76.2	77.1	77.8	78.1	78.2	78.2	78.7	79.1	79.4	
≥ 2500	31.4	47.6	55.2	65.0	69.3	70.5	75.0	77.7	78.5	79.2	79.6	79.7	79.7	80.1	80.6	80.9	
≥ 2000	33.3	49.8	57.7	67.8	72.3	73.5	78.0	80.7	81.6	82.2	82.6	82.7	82.7	83.1	83.6	83.9	
≥ 1800	33.5	50.3	58.2	68.5	73.0	74.2	78.7	81.3	82.2	82.9	83.2	83.4	83.4	83.8	84.2	84.6	
≥ 1500	35.0	52.0	60.1	70.5	75.1	76.3	80.9	83.6	84.5	85.1	85.5	85.6	85.6	86.0	86.5	86.8	
≥ 1200	36.2	53.6	61.8	72.4	77.0	78.2	82.8	85.5	86.4	87.0	87.4	87.5	87.5	87.9	88.4	88.7	
≥ 1000	36.5	54.2	62.5	73.1	77.7	78.9	83.5	86.4	87.4	88.0	88.4	88.5	88.5	88.9	89.4	89.7	
≥ 900	36.6	54.7	63.0	74.0	78.5	79.8	84.4	87.3	88.3	88.9	89.3	89.4	89.4	89.8	90.3	90.6	
≥ 800	36.6	55.2	63.8	75.0	79.7	80.9	85.9	88.9	90.4	91.1	91.4	91.5	91.5	92.0	92.4	92.7	
≥ 700	36.9	55.8	64.6	75.9	80.6	81.8	86.8	90.1	91.6	92.3	92.6	92.7	92.7	93.2	93.6	94.0	
≥ 600	36.9	56.0	64.8	76.3	81.1	82.3	87.4	90.7	92.3	93.0	93.3	93.4	93.4	93.9	94.3	94.6	
≥ 500	36.9	56.1	64.9	76.5	81.3	82.6	87.8	91.2	92.7	93.5	93.9	94.0	94.2	94.6	95.1	95.4	
≥ 400	36.9	56.1	64.9	76.5	81.3	82.6	88.7	92.4	94.2	95.1	95.5	95.6	95.9	96.3	96.8	97.1	
≥ 300	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.7	95.6	96.2	96.4	96.6	97.2	97.9	98.2	
≥ 200	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	99.7	
≥ 100	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	100.0	
≥ 0	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9?	≥6 E090	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	⅞ GE14	¾ GE12	⅝ GE10	½ GE08	5/16 GE05	¼ GE04	0 GE0
NO CEILING	14.2	23.8	27.3	32.9	34.8	35.1	36.4	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.2
≥ 20000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 18000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 16000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 14000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9	44.0
≥ 12000	17.9	28.4	32.9	39.3	41.4	41.9	43.2	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.3
≥ 10000	18.7	29.3	34.1	40.8	42.9	43.3	44.7	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.8	45.9	
≥ 9000	19.7	30.6	35.4	42.7	44.8	45.2	46.7	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.9	48.0
≥ 8000	22.2	34.1	39.2	46.6	48.8	49.4	51.1	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.6	
≥ 7000	22.9	35.3	40.6	48.1	50.3	51.0	52.7	53.6	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.1	
≥ 6000	23.4	35.9	41.1	48.8	51.0	51.7	53.3	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.7	54.8	
≥ 5000	25.8	38.7	44.3	52.1	54.3	55.1	56.9	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.4	
≥ 4500	28.4	41.8	47.6	55.3	57.6	58.3	60.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.6	61.7	
≥ 4000	32.9	47.3	53.8	62.4	65.0	65.8	67.8	68.9	69.0	69.1	69.4	69.4	69.4	69.4	69.6	69.7	
≥ 3500	35.1	50.1	57.1	65.9	68.6	69.3	71.4	72.7	72.8	73.0	73.3	73.3	73.4	73.4	73.6	73.7	
≥ 3000	36.7	52.4	59.6	68.8	71.6	72.4	74.8	76.0	76.1	76.3	76.7	76.7	76.8	76.8	76.9	77.0	
≥ 2500	37.8	53.7	61.0	70.7	73.4	74.3	76.7	77.9	78.0	78.2	78.6	78.6	78.7	78.7	78.8	78.9	
≥ 2000	39.7	56.0	63.3	73.3	76.2	77.1	79.6	81.0	81.1	81.3	81.7	81.7	81.8	81.8	81.9	82.0	
≥ 1800	39.9	56.6	63.9	73.9	76.8	77.7	80.1	81.6	81.7	81.9	82.2	82.2	82.3	82.3	82.4	82.6	
≥ 1500	41.4	58.3	65.9	76.2	79.1	80.0	82.4	84.1	84.2	84.4	84.8	84.8	84.9	84.9	85.0	85.1	
≥ 1200	43.0	60.8	68.6	79.2	82.2	83.1	85.7	87.3	87.4	87.7	88.0	88.0	88.1	88.1	88.2	88.3	
≥ 1000	43.3	61.9	69.8	80.6	83.7	84.7	87.3	89.3	89.4	89.7	90.0	90.0	90.1	90.1	90.2	90.3	
≥ 900	43.3	62.1	70.1	81.3	84.6	85.7	88.4	90.6	90.7	90.9	91.2	91.2	91.3	91.3	91.4	91.6	
≥ 800	43.3	62.4	70.4	81.8	85.1	86.2	89.6	92.0	92.1	92.3	92.7	92.7	92.8	92.8	92.9	93.0	
≥ 700	43.4	63.0	71.2	82.6	86.2	87.4	91.0	93.8	93.9	94.1	94.4	94.4	94.6	94.6	94.7	94.8	
≥ 600	43.4	63.1	71.6	83.1	86.8	88.0	91.7	94.6	94.8	95.1	95.4	95.4	95.6	95.6	95.7	95.8	
≥ 500	43.4	63.1	71.6	83.2	87.0	88.2	92.2	95.4	95.7	96.0	96.3	96.3	96.4	96.4	96.6	96.7	
≥ 400	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	96.9	97.3	97.6	97.7	97.8	97.9	98.2	
≥ 300	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.4	98.0	98.3	98.4	98.7	98.8	99.1	
≥ 200	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	100.0	
≥ 100	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	100.0	
≥ 0	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	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

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH) 0000-1200 (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	½ GE08	⅜ GE06	¼ GE04	⅛ GE02
NO CEILING	20.9	32.4	33.9	34.7	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	25.0	37.3	38.9	40.1	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000	25.0	37.3	38.9	40.1	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 16000	25.0	37.4	39.0	40.2	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	25.1	37.6	39.1	40.3	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	25.2	37.8	39.3	40.6	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000	26.1	39.4	41.0	42.2	42.7	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	27.3	40.8	42.3	43.7	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	29.4	43.7	45.4	47.1	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000	30.4	45.3	47.2	48.9	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	30.9	45.8	47.7	49.3	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	33.8	48.9	50.8	52.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500	36.0	51.3	53.2	55.2	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	42.9	60.1	62.4	64.9	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500	47.6	66.4	68.8	71.3	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3000	53.9	74.0	76.9	79.6	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	56.0	76.6	79.4	82.2	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	57.8	79.9	82.9	86.0	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	58.7	81.2	84.3	87.4	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	60.0	83.7	87.1	90.4	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	61.3	85.2	88.7	92.7	93.7	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	61.6	85.8	89.4	93.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	61.6	86.2	90.0	94.3	95.6	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	61.6	86.3	90.1	94.8	96.1	96.6	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	61.7	86.6	90.3	95.0	96.6	97.0	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	61.7	86.6	90.3	95.1	96.7	97.1	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	61.7	86.6	90.3	95.1	96.7	97.2	97.9	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 400	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 300	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

-35231 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	19.0	28.7	29.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	25.2	35.7	36.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 6000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 12000	25.6	36.1	36.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	27.0	38.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	27.8	38.9	39.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 8000	31.6	43.1	43.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 7000	32.9	44.7	45.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 6000	32.9	44.9	45.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 5000	35.8	48.3	49.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	39.1	53.2	54.1	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	48.2	63.7	64.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500	54.3	72.4	73.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	63.4	83.1	84.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	66.0	86.8	88.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	68.2	89.9	91.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	68.8	90.8	92.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	68.9	91.8	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	69.1	92.4	94.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	69.4	92.8	94.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	69.4	92.9	94.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	69.4	92.9	94.9	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	69.4	93.1	95.1	98.9	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	69.4	93.1	95.1	98.9	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.4	93.1	95.1	99.0	99.1	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9.2	≥6 GE9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥½ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	18.9	28.7	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	24.2	34.7	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	24.4	34.9	35.6	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000	26.7	37.2	38.1	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 9000	28.6	39.2	40.1	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 8000	31.7	42.9	43.8	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 7000	33.7	45.8	46.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000	33.9	46.0	46.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	39.4	53.0	53.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4500	44.8	59.1	60.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	52.8	69.8	70.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	60.0	80.0	81.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	65.9	87.9	89.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	67.4	90.1	91.3	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	68.8	92.4	94.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	69.2	92.9	94.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	69.2	93.2	94.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	69.6	93.8	95.4	98.2	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	69.6	93.8	95.6	98.3	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	69.6	93.8	95.6	98.3	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	69.6	93.8	95.9	98.7	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	69.6	93.8	95.9	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.6	93.8	95.9	98.7	98.8	98.8	99.2	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT93	≥6 EQ90	≥5 GE87	≥4 GE80	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	23.0	36.0	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	27.9	42.4	43.0	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	28.1	42.7	43.2	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	28.2	42.8	43.3	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	28.3	43.0	43.6	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	28.4	43.3	43.9	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	30.1	46.1	46.8	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 9000	31.6	47.0	48.4	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000	34.1	50.8	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	36.8	53.7	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	37.1	54.1	54.8	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 5000	42.3	60.4	61.3	62.3	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4500	47.9	67.2	68.3	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	55.1	76.6	78.1	79.6	79.9	80.0	80.2	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	58.4	81.1	82.8	84.6	84.9	85.0	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7
≥ 3000	61.8	86.1	87.9	90.0	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 2500	62.3	87.0	88.9	91.0	91.3	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 2000	64.2	89.4	91.6	93.8	94.1	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 1800	64.7	90.0	92.2	94.4	94.8	95.0	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1500	64.9	90.3	92.6	94.9	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1200	65.0	90.6	92.9	95.7	96.2	96.4	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1000	65.1	91.1	93.6	96.3	96.9	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 900	65.1	91.1	93.6	96.3	96.9	97.1	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 800	65.1	91.6	94.0	96.9	97.4	97.8	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 700	65.1	91.6	94.0	96.9	97.4	97.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 600	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 500	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 400	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 908

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] LAKENHEATH RAF UK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	GE7	GE5	GE4	GE3	GE2	GE1 1/2	GE1	GE7/8	GE3/4	GE5/8	GE1/2	GE3/8	GE1/4	GE1/8	GE0
UNL	23.9	37.0	40.7	42.3	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
30000	26.8	41.6	44.9	47.6	47.9	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
20000	27.2	42.1	45.4	48.1	48.4	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
18000	27.2	42.1	45.4	48.1	48.4	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
17000	27.2	42.1	45.4	48.1	48.4	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
16000	27.4	42.4	45.8	48.4	48.8	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
15000	28.7	44.4	48.1	50.9	51.2	51.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
14000	29.8	45.9	49.4	52.8	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
13000	32.1	49.2	53.1	56.3	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
12000	33.8	51.2	55.3	58.4	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
11000	34.3	51.8	55.9	59.0	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
10000	37.8	55.9	60.4	63.8	64.1	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
9000	48.3	63.7	68.5	72.0	72.3	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
8000	49.1	69.4	75.2	78.9	79.2	79.3	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
7000	51.8	73.4	79.7	83.1	83.4	83.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
6000	54.3	76.6	82.7	87.2	87.6	87.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
5000	54.8	77.2	83.7	88.2	88.6	88.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4000	56.2	79.0	85.6	90.1	90.4	90.6	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	56.4	79.4	86.0	90.6	90.9	91.0	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	57.3	80.6	87.1	91.9	92.2	92.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	57.7	81.3	88.0	92.8	93.1	93.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	57.8	81.8	88.7	93.4	93.8	93.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	57.9	[illegible]	88.8	93.7	94.0	94.1	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1600	58.	[illegible]	89.7	94.8	95.1	95.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1400	58	[illegible]	90.8	95.3	95.8	95.9	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	58.	[illegible]		95.8	96.4	96.6	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	58.	[illegible]		96.0	96.7	96.8	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	58.	[illegible]		96.0	96.7	96.8	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	58.1	[illegible]		96.1	96.8	96.9	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	58.1	[illegible]	.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	58.1	82.7	.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.1	82.7	90.2	96.1	96.8	96.9	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	¼ GE08	5/16 GE05	0 GE04	0 GE00
NO CEILING	19.4	30.4	32.6	35.2	35.9	36.1	36.8	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.4
≥ 20000	23.3	35.3	37.7	40.7	41.5	41.7	42.4	42.8	42.9	43.0	43.0	43.0	43.0	43.1	43.1	43.2
≥ 18000	23.4	35.5	37.9	40.9	41.7	41.9	42.6	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
≥ 16000	23.5	35.5	37.9	40.9	41.7	41.9	42.6	43.0	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 14000	23.5	35.6	37.9	41.0	41.8	41.9	42.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
≥ 12000	23.6	35.7	38.1	41.2	42.0	42.2	42.9	43.3	43.4	43.5	43.5	43.5	43.5	43.6	43.6	43.7
≥ 10000	24.9	37.5	40.0	43.2	44.0	44.2	45.0	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.7	45.7
≥ 9000	25.9	38.7	41.4	44.7	45.5	45.7	46.6	47.0	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.4
≥ 8000	28.7	42.2	45.1	48.5	49.4	49.7	50.5	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.3
≥ 7000	30.0	44.0	46.9	50.5	51.4	51.7	52.5	53.0	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.4
≥ 6000	30.3	44.4	47.3	50.9	51.8	52.1	53.0	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.8	53.8
≥ 5000	33.9	48.6	51.8	55.6	56.6	56.9	57.8	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7
≥ 4500	38.1	53.9	57.3	61.2	62.2	62.5	63.5	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 4000	44.1	61.4	65.2	69.5	70.6	71.0	72.1	72.7	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.2
≥ 3500	47.6	66.5	70.5	75.0	76.2	76.5	77.8	78.3	78.5	78.6	78.7	78.7	78.7	78.8	78.9	79.0
≥ 3000	51.7	71.6	75.9	80.6	81.9	82.2	83.6	84.2	84.3	84.5	84.5	84.6	84.6	84.7	84.8	84.8
≥ 2500	53.1	73.3	77.7	82.6	83.9	84.3	85.6	86.2	86.3	86.5	86.6	86.6	86.6	86.7	86.8	86.8
≥ 2000	54.7	75.7	80.3	85.5	86.8	87.2	88.6	89.2	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.8
≥ 1800	55.1	76.3	81.0	86.2	87.5	87.9	89.3	89.9	90.0	90.2	90.3	90.3	90.3	90.4	90.5	90.5
≥ 1500	56.1	77.7	82.4	87.9	89.2	89.6	91.0	91.7	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.3
≥ 1200	56.8	78.8	83.7	89.4	90.8	91.2	92.7	93.4	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0
≥ 1000	57.3	79.3	84.3	90.1	91.5	92.0	93.5	94.3	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.9
≥ 900	57.1	79.6	84.6	90.5	92.0	92.5	94.1	94.8	94.9	95.1	95.2	95.2	95.2	95.3	95.4	95.4
≥ 800	57.2	79.9	85.1	91.2	92.7	93.2	94.9	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.4	96.5
≥ 700	57.2	80.2	85.4	91.6	93.2	93.7	95.5	96.5	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.3
≥ 600	57.2	80.3	85.5	91.9	93.6	94.1	95.9	96.9	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.8
≥ 500	57.2	80.3	85.6	92.0	93.7	94.3	96.2	97.4	97.7	97.9	98.0	98.1	98.1	98.2	98.3	98.3
≥ 400	57.2	80.3	85.6	92.1	93.8	94.3	96.5	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
≥ 300	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.0	98.4	98.8	99.0	99.1	99.1	99.2	99.4	99.5
≥ 200	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.4	99.5	99.8	99.9
≥ 100	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.4	99.6	99.8	100.0
≥ 0	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

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

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-87 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2 1/2 GE40	≥2 GE32	≥1 1/2 GE24	≥1 1/4 GE20	≥1 GE16	≥3/4 GE12	≥5/8 GE10	≥1/2 GE08	≥3/16 GE05	≥1/4 GE04	≥0 GE00
NO CEILING	31.4	41.5	45.1	47.0	47.7	48.1	49.1	49.4	49.5	49.5	49.6	49.6	49.7	49.8	49.8	49.8
≥ 20000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 18000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 16000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 14000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 12000	34.4	44.8	48.5	50.5	51.3	51.6	52.7	52.9	53.0	53.0	53.1	53.1	53.2	53.3	53.3	53.3
≥ 10000	35.3	46.8	50.4	52.5	53.2	53.5	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.3	55.3	55.3
≥ 9000	35.5	47.1	50.8	52.8	53.5	53.9	54.9	55.2	55.3	55.3	55.4	55.4	55.5	55.6	55.6	55.6
≥ 8000	38.7	51.8	55.7	57.7	58.5	58.8	60.0	60.2	60.3	60.4	60.5	60.5	60.6	60.8	60.8	60.8
≥ 7000	39.5	54.0	58.0	60.2	61.0	61.3	62.5	62.7	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.2
≥ 6000	39.7	54.4	58.4	60.6	61.4	61.7	62.9	63.1	63.2	63.3	63.4	63.4	63.5	63.7	63.7	63.7
≥ 5000	42.2	57.3	61.4	64.1	64.8	65.2	66.3	66.6	66.7	66.8	66.9	66.9	67.0	67.1	67.1	67.1
≥ 4500	44.8	60.6	64.9	67.7	68.5	68.8	70.0	70.2	70.3	70.4	70.5	70.5	70.6	70.8	70.8	70.8
≥ 4000	49.7	66.6	71.3	74.1	75.1	75.4	76.6	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.4	77.4
≥ 3500	52.0	69.7	74.8	77.7	78.7	79.0	80.2	80.4	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1
≥ 3000	53.8	72.4	77.6	80.5	81.5	81.8	83.0	83.2	83.3	83.5	83.7	83.7	83.8	83.9	83.9	83.9
≥ 2500	54.8	73.8	79.2	82.5	83.4	83.8	84.9	85.2	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.8
≥ 2000	56.9	76.0	81.9	85.8	86.9	87.3	88.5	88.7	88.8	89.0	89.1	89.1	89.2	89.4	89.4	89.4
≥ 1800	57.2	76.7	82.7	86.7	87.7	88.2	89.4	89.6	89.7	89.9	90.0	90.0	90.1	90.2	90.2	90.2
≥ 1500	58.8	78.6	84.6	88.6	89.7	90.1	91.3	91.5	91.6	91.9	92.0	92.0	92.2	92.3	92.3	92.3
≥ 1200	59.8	80.1	86.5	90.4	91.8	92.3	93.5	93.8	93.9	94.2	94.3	94.3	94.4	94.5	94.5	94.5
≥ 1000	60.2	80.9	87.7	91.7	93.1	93.5	94.8	95.2	95.4	95.8	96.0	96.0	96.1	96.2	96.2	96.2
≥ 900	60.3	81.0	87.8	91.8	93.2	93.7	94.9	95.3	95.5	95.9	96.1	96.1	96.2	96.3	96.5	96.5
≥ 800	60.4	81.2	88.6	92.6	94.0	94.4	95.7	96.0	96.3	96.8	97.0	97.0	97.1	97.2	97.3	97.3
≥ 700	60.4	81.3	88.8	92.9	94.3	94.7	96.0	96.3	96.7	97.1	97.3	97.3	97.4	97.5	97.6	97.6
≥ 600	60.4	81.3	89.0	93.5	94.9	95.4	96.7	97.0	97.3	97.7	98.0	98.0	98.1	98.2	98.3	98.3
≥ 500	60.5	81.7	89.8	94.3	95.8	96.2	97.6	98.0	98.3	98.7	98.9	98.9	99.0	99.1	99.2	99.2
≥ 400	60.5	81.7	89.8	94.3	95.8	96.2	97.6	98.0	98.3	98.7	98.9	98.9	99.0	99.1	99.2	99.2
≥ 300	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.2	99.4	99.5	99.5
≥ 200	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	99.8
≥ 100	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	100.0
≥ 0	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.1	≥6 GE9.0	≥5 GE8.1	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1 GE2.4	≥1 GE2.0	≥1 GE1.6	≥ GE1.2	≥ GE1.0	≥ GE0.8	≥5/16 GE0.5	≥ GE0.4	≥0 GE0
NO CEILING	14.9	22.2	25.9	30.0	30.9	30.9	32.4	33.4	33.7	34.6	34.8	34.9	34.9	35.2	35.2	35.7
≥ 20000	16.5	24.0	28.3	33.0	34.0	34.0	35.6	36.7	36.9	38.0	38.3	38.4	38.4	38.6	38.6	39.2
≥ 18000	16.6	24.1	28.4	33.1	34.1	34.1	35.7	36.8	37.0	38.1	38.4	38.5	38.5	38.7	38.7	39.4
≥ 16000	16.6	24.1	28.4	33.1	34.1	34.1	35.7	36.8	37.0	38.1	38.4	38.5	38.5	38.7	38.7	39.4
≥ 14000	16.6	24.1	28.4	33.1	34.1	34.1	35.7	36.8	37.0	38.1	38.4	38.5	38.5	38.7	38.7	39.4
≥ 12000	16.6	24.3	28.6	33.3	34.3	34.3	35.9	37.0	37.2	38.3	38.6	38.7	38.7	38.9	38.9	39.6
≥ 10000	17.2	25.8	30.3	35.2	36.2	36.2	37.8	38.9	39.1	40.2	40.5	40.6	40.6	40.9	40.9	41.5
≥ 9000	17.6	26.3	31.0	35.8	37.0	37.0	38.6	39.7	39.9	41.0	41.3	41.4	41.4	41.6	41.6	42.3
≥ 8000	22.5	33.4	38.6	44.1	45.5	45.5	47.6	48.8	49.0	50.5	51.0	51.1	51.1	51.3	51.3	51.9
≥ 7000	23.3	35.6	40.9	46.6	48.1	48.1	50.2	51.4	51.6	53.1	53.5	53.7	53.7	53.9	53.9	54.5
≥ 6000	23.7	36.0	41.6	47.3	48.8	48.8	51.0	52.2	52.4	53.9	54.3	54.4	54.4	54.6	54.6	55.3
≥ 5000	27.1	40.0	46.1	52.3	54.3	54.3	56.9	58.2	58.4	59.9	60.3	60.4	60.4	60.6	60.6	61.3
≥ 4500	30.3	44.6	51.1	58.0	60.2	60.2	62.8	64.1	64.3	65.8	66.2	66.3	66.3	66.6	66.6	67.2
≥ 4000	34.1	49.2	56.7	63.7	66.3	66.6	69.2	70.5	70.8	72.3	72.7	72.8	72.8	73.0	73.0	73.7
≥ 3500	34.8	51.3	59.1	66.7	69.4	69.6	72.3	73.5	73.8	75.3	75.7	75.8	75.8	76.0	76.0	76.7
≥ 3000	37.2	54.8	63.1	70.8	73.4	73.7	76.5	78.0	78.2	79.7	80.1	80.2	80.2	80.4	80.4	81.1
≥ 2500	38.7	56.9	65.1	72.9	75.7	75.9	78.7	80.2	80.4	81.9	82.4	82.5	82.5	82.7	82.7	83.3
≥ 2000	40.0	58.7	67.6	75.6	78.6	78.8	81.7	83.3	83.5	85.1	85.5	85.6	85.6	85.8	85.8	86.5
≥ 1800	40.5	59.2	68.4	76.3	79.4	79.6	82.5	84.1	84.3	85.8	86.2	86.3	86.3	86.6	86.6	87.2
≥ 1500	41.6	61.0	70.2	78.7	81.9	82.2	85.1	86.8	87.0	88.5	89.0	89.1	89.1	89.4	89.4	90.0
≥ 1200	42.7	62.6	72.0	80.6	83.9	84.1	87.0	88.7	88.9	90.4	91.0	91.1	91.1	91.3	91.3	91.9
≥ 1000	42.9	62.8	72.6	81.2	84.4	84.6	87.5	89.2	89.5	91.0	91.5	91.6	91.6	91.8	91.8	92.5
≥ 900	43.0	63.1	73.0	81.7	85.1	85.3	88.2	89.9	90.1	91.6	92.2	92.3	92.3	92.5	92.5	93.1
≥ 800	43.3	63.5	73.8	83.0	86.3	86.6	89.5	91.2	91.4	92.9	93.4	93.5	93.5	93.8	93.8	94.4
≥ 700	43.3	63.7	74.0	83.7	87.0	87.2	90.1	92.0	92.3	93.8	94.3	94.4	94.4	94.7	94.7	95.4
≥ 600	43.3	63.8	74.2	83.9	87.2	87.4	90.3	92.3	92.5	94.0	94.5	94.6	94.6	94.9	94.9	95.6
≥ 500	43.3	64.0	74.6	85.1	88.4	88.6	91.5	93.6	93.7	95.2	95.8	96.0	96.0	96.3	96.3	97.0
≥ 400	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.1	94.5	96.1	96.8	97.0	97.0	97.4	97.4	98.1
≥ 300	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.1	97.3	97.4	98.1	98.2	98.8
≥ 200	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.6	98.9	99.7
≥ 100	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.8	99.1	100.0
≥ 0	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE50	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1¼ GE16	≥1 GE12	≥¾ GE10	≥½ GE08	≥⅜ GE05	≥¼ GE04	≥0 GE00
NO CEILING	17.1	23.8	25.9	29.5	32.8	33.9	31.4	31.8	31.8	32.1	32.1	32.1	32.2	32.3	32.3	32.3
≥ 20000	19.3	27.6	30.4	34.1	35.5	35.6	36.2	36.5	36.5	36.8	36.8	36.8	36.9	37.0	37.0	37.2
≥ 18000	19.3	27.6	30.4	34.1	35.5	35.6	36.2	36.5	36.5	36.8	36.8	36.8	36.9	37.0	37.0	37.2
≥ 16000	19.3	27.6	30.4	34.1	35.5	35.6	36.2	36.5	36.5	36.8	36.8	36.8	36.9	37.0	37.0	37.2
≥ 14000	19.5	27.9	30.7	34.4	35.8	36.0	36.5	36.8	36.8	37.1	37.1	37.1	37.2	37.4	37.4	37.6
≥ 12000	19.7	28.1	30.9	34.7	36.1	36.2	36.7	37.0	37.0	37.4	37.4	37.4	37.5	37.6	37.6	37.8
≥ 10000	19.9	28.7	31.6	35.5	36.9	37.1	37.7	38.0	38.0	38.3	38.3	38.3	38.4	38.5	38.5	38.8
≥ 9000	20.6	29.6	32.6	36.6	38.0	38.2	38.8	39.1	39.1	39.4	39.4	39.4	39.5	39.6	39.6	39.8
≥ 8000	24.4	35.4	38.8	43.5	45.0	45.2	46.1	46.4	46.4	46.7	46.8	46.8	46.9	47.0	47.0	47.3
≥ 7000	25.2	37.0	40.8	45.7	47.3	47.5	48.4	48.8	48.8	49.1	49.2	49.2	49.3	49.4	49.4	49.6
≥ 6000	25.5	37.5	41.3	46.5	48.0	48.2	49.2	49.5	49.5	49.8	49.9	49.9	50.1	50.2	50.2	50.4
≥ 5000	29.8	42.5	46.7	52.5	54.1	54.4	55.4	56.0	56.0	56.3	56.4	56.4	56.5	56.6	56.6	56.8
≥ 4500	33.9	47.6	52.1	58.7	60.4	60.6	61.7	62.2	62.2	62.5	62.6	62.6	62.8	62.9	62.9	63.1
≥ 4000	37.9	52.4	57.9	65.2	67.2	67.4	68.5	69.1	69.1	69.6	69.8	69.8	69.9	70.0	70.0	70.2
≥ 3500	40.4	55.7	61.8	69.3	71.4	71.6	72.8	73.4	73.4	74.0	74.1	74.1	74.2	74.3	74.3	74.5
≥ 3000	42.4	58.0	64.2	71.8	73.8	74.1	75.3	76.1	76.1	76.6	76.7	76.7	76.9	77.0	77.0	77.2
≥ 2500	43.5	59.2	65.3	73.1	75.2	75.5	76.7	77.5	77.5	78.1	78.3	78.3	78.4	78.5	78.5	78.7
≥ 2000	46.1	63.5	69.8	77.9	80.1	80.4	81.7	82.5	82.5	83.2	83.3	83.3	83.4	83.5	83.5	83.7
≥ 1800	46.5	64.4	70.9	79.1	81.3	81.6	82.9	83.6	83.6	84.4	84.5	84.5	84.6	84.7	84.7	84.9
≥ 1500	47.4	65.8	72.6	80.8	83.2	83.5	84.8	85.6	85.6	86.3	86.4	86.4	86.5	86.7	86.7	86.9
≥ 1200	49.6	68.5	75.2	83.9	86.2	86.5	87.9	88.7	88.7	89.5	89.7	89.7	89.8	89.9	89.9	90.1
≥ 1000	49.9	69.3	76.3	85.0	87.5	87.8	89.2	90.0	90.0	90.7	91.0	91.0	91.1	91.2	91.2	91.4
≥ 900	50.1	69.8	76.9	85.8	88.4	88.7	90.1	90.9	90.9	91.6	91.8	91.8	91.9	92.0	92.0	92.2
≥ 800	50.7	70.7	77.8	87.2	90.2	90.5	92.1	93.0	93.0	93.8	94.0	94.0	94.1	94.2	94.2	94.4
≥ 700	50.7	70.9	78.1	87.9	91.4	91.7	93.4	94.4	94.4	95.2	95.4	95.4	95.5	95.6	95.6	95.8
≥ 600	50.7	70.9	78.1	87.9	91.4	91.7	93.4	94.4	94.4	95.2	95.4	95.4	95.5	95.6	95.6	95.8
≥ 500	50.7	71.0	78.5	88.8	92.5	92.8	94.6	96.0	96.0	96.9	97.3	97.3	97.4	97.5	97.5	97.7
≥ 400	50.7	71.0	78.6	88.9	92.7	93.0	94.9	96.4	96.4	97.4	97.8	97.8	98.0	98.1	98.2	98.4
≥ 300	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.7	97.5	98.1	98.2	98.3	98.6	98.8	99.0
≥ 200	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.7	97.6	98.2	98.4	98.6	98.9	99.1	99.5
≥ 100	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.7	97.6	98.2	98.4	98.6	99.1	99.5	100.0
0	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.7	97.6	98.2	98.4	98.6	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 229

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9⅞	≥6 F09⅞	≥5 GE8⅞	≥4 GE6⅞	≥3 GE4⅞	≥2½ GE4⅜	≥2 GE3⅜	≥1½ GE2⅜	≥1¼ GE2⅛	≥1 GE1⅝	≥¾ GE1⅛	≥½ GE⅞	≥⅜ GE⅝	≥5/16 GE⅝	≥¼ GE⅜	≥0 GE0
NO CEILING	19.0	25.6	26.3	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 16000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	21.5	29.6	30.5	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 12000	21.9	30.0	31.0	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 10000	22.7	31.3	32.4	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000	23.3	32.2	33.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 8000	27.4	37.6	39.5	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000	29.1	40.3	42.2	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 6000	29.6	40.8	42.7	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 5000	33.5	45.6	47.5	49.2	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 4500	38.1	50.2	52.2	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4000	44.5	58.6	60.9	62.6	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	50.5	65.2	67.6	69.4	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	55.4	70.5	73.1	74.7	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2500	57.3	73.4	75.9	77.6	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	61.1	78.8	81.7	83.5	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	62.4	80.8	83.8	85.6	86.0	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	64.2	84.1	87.3	89.2	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	65.8	87.4	91.2	93.4	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	66.1	88.1	92.3	94.9	95.9	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	66.1	88.1	92.3	95.2	96.1	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	66.5	88.5	92.9	95.9	97.1	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	66.5	88.8	93.3	96.5	97.7	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	66.5	88.8	93.3	96.5	97.7	98.2	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

03883 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1900 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¼ GE2	≥1 GE1	≥⅞ GE1	≥½ GE1	≥⅜ GE1	≥¼ GE0	≥3/16 GE0	≥⅛ GE0	≥0 GE0
NO CEILING	18.5	22.2	22.9	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 20000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 12000	21.2	26.3	27.1	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 10000	21.7	27.0	27.9	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 9000	22.2	27.9	28.7	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 8000	26.3	33.6	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 7000	27.2	35.3	36.3	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 6000	27.3	35.4	36.5	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 5000	32.2	41.3	42.5	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 4500	39.4	50.3	51.6	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	49.3	62.4	64.3	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500	56.1	71.8	73.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	61.4	78.8	80.8	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	63.8	82.3	84.4	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	68.4	88.4	90.4	91.9	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	69.0	89.5	91.5	93.0	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	70.0	91.5	93.6	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	70.9	93.0	95.3	97.0	97.6	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	70.9	93.3	95.9	97.6	98.4	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	70.9	93.4	96.0	97.7	98.5	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	70.9	93.4	96.0	97.7	98.5	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	70.9	93.4	96.0	97.7	98.5	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	70.9	93.5	96.1	97.8	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	70.9	93.5	96.1	97.8	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	10 GT9	≥6 E09	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	22.2	25.6	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 20000	26.1	31.1	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000	26.3	31.3	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 16000	26.3	31.3	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 14000	26.5	31.4	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 12000	26.9	32.3	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 10000	27.2	33.3	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 9000	27.6	34.2	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	33.1	41.5	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000	34.3	43.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 6000	34.6	44.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 5000	39.6	50.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 4500	46.6	60.0	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	57.1	73.1	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	62.1	80.0	81.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	66.3	85.4	87.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	68.9	88.8	90.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	70.6	91.3	93.2	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	70.6	91.8	93.8	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	71.5	93.0	95.3	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	71.9	94.3	96.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	72.1	94.5	97.1	99.1	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.1	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.0	94.5	97.1	99.1	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35R31 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16) GT07	≥9 (14) GE50	≥8 (13) GE40	≥7 GE60	≥6 GE48	≥5 GE40	≥4 GE32	≥3 GE24	≥2½ GE20	≥2 GE16	≥1½ GE12	≥1 GE10	≥¾ GE08	≥½ (8) GE05	≥¼ GE04	≥0 GE00
NO CEILING	27.2	34.4	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	32.3	41.9	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 18000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 16000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 14000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000	32.6	42.7	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	33.5	44.2	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	34.2	45.5	46.7	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000	39.4	53.0	54.4	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000	40.6	55.2	56.6	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	40.8	55.7	57.1	57.7	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	44.5	61.0	62.5	63.1	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4500	50.1	68.5	70.1	71.7	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	57.3	77.3	79.1	80.9	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	60.7	80.6	82.5	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	62.0	83.9	85.8	87.8	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	63.5	85.9	88.1	90.6	91.1	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	65.4	88.2	90.3	93.2	93.7	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	65.4	88.5	90.6	93.5	94.1	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	66.7	90.0	92.2	95.1	95.6	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	67.1	90.8	92.9	95.9	96.5	96.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	67.3	91.7	94.1	97.1	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	67.3	91.8	94.2	97.2	97.8	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	67.3	91.9	94.3	97.5	98.3	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	67.3	91.9	94.3	97.6	98.4	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

75831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 FG90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	¾ GE12	½ GE10	¼ GE08	0 GE05	≥5/16 GE03	<5/16 GE00
NO CEILING	30.1	39.0	39.8	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.9	41.9	41.9
≥ 20000	34.2	44.3	45.1	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.3	47.3	47.4	47.4	47.4
≥ 18000	34.4	44.5	45.3	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.6	47.6	47.6
≥ 16000	34.4	44.5	45.3	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.6	47.6	47.6
≥ 14000	34.4	44.5	45.3	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.6	47.6	47.6
≥ 12000	34.4	44.7	45.5	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.8	47.8	47.8
≥ 10000	34.8	45.9	46.7	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9	49.0	49.0	49.0
≥ 9000	35.3	46.5	47.2	49.1	49.4	49.4	49.4	49.4	49.4	49.5	49.6	49.6	49.7	49.7	49.8	49.8
≥ 8000	39.4	52.6	53.7	55.7	56.1	56.1	56.5	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.0
≥ 7000	41.1	55.6	56.8	58.8	59.2	59.2	59.6	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.1
≥ 6000	41.3	56.1	57.5	59.7	60.1	60.1	60.4	60.4	60.5	60.6	60.6	60.8	60.8	60.9	60.9	61.0
≥ 5000	44.4	61.0	62.6	64.7	65.3	65.3	65.6	65.6	65.7	65.8	65.8	65.9	65.9	66.0	66.0	66.1
≥ 4500	48.9	66.5	68.9	71.4	71.9	71.9	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.8
≥ 4000	54.3	73.3	75.9	78.7	79.2	79.2	79.7	79.7	79.9	80.0	80.0	80.1	80.1	80.2	80.2	80.3
≥ 3500	57.5	76.9	79.7	82.6	83.1	83.1	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.2
≥ 3000	58.2	78.4	81.3	84.3	84.9	84.9	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3
≥ 2500	60.1	80.8	83.9	87.4	88.1	88.1	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.5	89.5	89.6
≥ 2000	61.1	82.2	85.4	89.1	89.9	89.9	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.3	91.3	91.4
≥ 1800	61.6	82.8	86.1	89.8	90.5	90.5	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.9	91.9	92.0
≥ 1500	63.4	84.9	88.2	92.0	92.8	92.8	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.4
≥ 1200	64.4	86.7	90.3	94.2	95.1	95.1	96.0	96.1	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.9
≥ 1000	64.5	86.9	90.5	94.4	95.3	95.3	96.3	96.7	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.4
≥ 900	64.5	87.1	90.8	94.6	95.5	95.5	96.6	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.6
≥ 800	64.5	87.3	91.1	94.9	95.9	95.9	97.0	97.3	97.6	97.7	97.7	97.8	97.8	98.0	98.0	98.1
≥ 700	64.5	87.6	91.3	95.3	96.3	96.3	97.4	97.7	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.5
≥ 600	64.5	88.0	91.6	95.8	96.9	96.9	98.0	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.1
≥ 500	64.5	88.2	91.8	96.0	97.1	97.1	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.5
≥ 400	64.5	88.2	91.8	96.2	97.3	97.3	98.5	98.8	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.7
≥ 300	64.5	88.2	91.8	96.2	97.3	97.3	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0
≥ 200	64.5	88.2	91.8	96.2	97.3	97.3	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0
≥ 100	64.5	88.2	91.8	96.2	97.3	97.3	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0
≥ 0	64.5	88.2	91.8	96.2	97.3	97.3	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

725831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (100)	≥9 (90)	≥8 (80)	≥7 (70)	≥6 (60)	≥5 (50)	≥4 (40)	≥3 (32)	≥2½ (24)	≥2 (20)	≥1½ (16)	≥1¼ (12)	≥1 (10)	≥¾ (8)	≥½ (5)	≥¼ (4)	≥0
NO CEILING	22.6	29.3	31.9	32.6	33.0	33.1	33.5	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0	34.1	
≥ 20000	25.6	33.6	35.5	37.3	37.8	37.8	38.2	38.4	38.5	38.7	38.7	38.7	38.8	38.8	38.8	38.9	
≥ 18000	25.7	33.7	35.6	37.4	37.9	37.9	38.3	38.5	38.6	38.7	38.8	38.8	38.9	38.9	38.9	39.0	
≥ 6000	25.7	33.7	35.6	37.4	37.9	37.9	38.3	38.5	38.6	38.7	38.8	38.8	38.9	38.9	38.9	39.0	
≥ 14000	25.8	33.8	35.7	37.5	37.9	38.0	38.4	38.6	38.6	38.8	38.9	38.9	38.9	38.9	39.0	39.1	
≥ 12000	26.0	34.1	36.0	37.8	38.3	38.4	38.8	39.0	39.0	39.2	39.2	39.3	39.3	39.4	39.4	39.5	
≥ 11000	26.6	35.4	37.3	39.2	39.7	39.7	40.1	40.3	40.4	40.6	40.6	40.6	40.7	40.7	40.7	40.8	
≥ 9000	27.0	36.2	38.1	40.0	40.5	40.6	41.0	41.2	41.2	41.4	41.5	41.5	41.5	41.6	41.6	41.7	
≥ 8000	31.4	42.4	44.7	46.8	47.4	47.5	48.1	48.3	48.4	48.6	48.7	48.7	48.7	48.8	48.8	48.9	
≥ 7000	32.5	44.6	47.0	49.3	49.9	49.9	50.5	50.7	50.8	51.0	51.1	51.2	51.2	51.3	51.3	51.4	
≥ 6000	32.8	45.0	47.6	49.9	50.4	50.5	51.1	51.3	51.4	51.6	51.7	51.7	51.8	51.8	51.8	52.0	
≥ 5000	36.7	49.9	52.6	55.1	55.8	55.9	56.6	56.9	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.5	
≥ 4500	41.5	56.0	59.0	62.0	62.7	62.8	63.5	63.7	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.3	
≥ 4000	48.0	64.1	67.6	70.7	71.6	71.7	72.5	72.8	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.4	
≥ 3500	51.7	68.9	72.6	75.9	76.8	77.0	77.7	78.0	78.1	78.4	78.4	78.5	78.5	78.6	78.6	78.7	
≥ 3000	54.6	72.8	76.6	80.0	81.0	81.1	82.0	82.3	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.0	
≥ 2500	56.3	75.1	79.1	82.8	83.8	83.9	84.8	85.1	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.8	
≥ 2000	58.7	78.4	82.5	86.5	87.6	87.7	88.6	89.0	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.7	
≥ 1800	59.2	79.2	83.5	87.4	88.5	88.7	89.6	89.9	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.6	
≥ 1500	60.4	81.1	85.5	89.6	90.7	90.9	91.8	92.2	92.3	92.6	92.7	92.7	92.8	92.8	92.8	93.0	
≥ 1200	61.5	82.9	87.5	91.8	93.0	93.2	94.2	94.6	94.7	95.1	95.2	95.2	95.2	95.3	95.3	95.4	
≥ 1000	61.8	83.4	88.3	92.6	94.0	94.2	95.2	95.7	95.8	96.2	96.3	96.3	96.3	96.4	96.4	96.5	
≥ 900	61.8	83.6	88.5	92.9	94.2	94.4	95.5	96.0	96.1	96.4	96.6	96.6	96.6	96.7	96.7	96.8	
≥ 800	62.0	83.9	88.9	93.5	95.0	95.1	96.3	96.8	96.9	97.3	97.4	97.4	97.4	97.5	97.5	97.6	
≥ 700	62.0	84.0	89.1	93.8	95.4	95.6	96.7	97.3	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.2	
≥ 600	62.0	84.1	89.2	94.0	95.6	95.8	97.0	97.6	97.7	98.1	98.2	98.2	98.2	98.3	98.3	98.5	
≥ 500	62.0	84.2	89.4	94.4	96.0	96.2	97.5	98.1	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.1	
≥ 400	62.0	84.2	89.5	94.5	96.1	96.3	97.6	98.3	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.4	
≥ 300	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.2	99.3	99.3	99.4	99.5	99.6	
≥ 200	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.6	99.7	99.9	
≥ 100	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.7	99.8	100.0	
≥ 0	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 LAKENHEATH RAF UK 73-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-2300 HOUR (L)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1¼ GE1	≥1 GE1	⅞ GE1	¾ GE1	⅝ GE0	½ GE0	⅜ GE0
NO CEILING	28.2	39.7	43.3	47.3	48.6	48.9	51.5	52.3	52.6	53.0	53.1	53.2	53.4	53.9	53.9	54.9
≥ 20000	28.9	40.5	44.7	48.8	50.1	50.4	53.5	54.4	54.7	55.2	55.3	55.4	55.6	56.2	56.2	57.1
≥ 18000	28.9	40.5	44.9	49.0	50.3	50.6	53.8	54.6	54.9	55.4	55.5	55.6	55.8	56.2	56.2	57.3
≥ 16000	28.9	40.5	44.9	49.0	50.3	50.6	53.8	54.6	54.9	55.4	55.5	55.6	55.8	56.2	56.2	57.3
≥ 14000	28.9	40.5	44.9	49.0	50.3	50.6	53.8	54.6	54.9	55.4	55.5	55.6	55.8	56.2	56.2	57.3
≥ 12000	28.9	40.6	45.2	49.2	50.5	50.9	54.0	54.8	55.2	55.6	55.7	55.8	56.0	56.5	56.5	57.5
≥ 10000	29.5	41.3	46.0	50.5	51.8	52.2	55.5	56.5	56.8	57.2	57.3	57.4	57.6	58.1	58.1	59.1
≥ 9000	29.8	41.6	46.5	51.0	52.5	52.8	56.1	57.2	57.5	58.0	58.1	58.2	58.4	58.8	58.8	59.9
≥ 8000	31.7	44.6	50.1	54.7	56.2	56.6	60.4	61.6	62.0	62.7	62.8	62.9	63.1	63.5	63.5	64.7
≥ 7000	32.7	45.3	50.9	55.5	57.0	57.3	61.2	62.4	62.8	63.4	63.5	63.7	63.9	64.3	64.3	65.5
≥ 6000	32.7	45.5	51.3	56.0	57.5	57.8	61.7	62.9	63.3	64.0	64.1	64.2	64.4	64.8	64.8	66.0
≥ 5000	33.5	47.3	53.4	58.2	59.7	60.0	64.0	65.2	65.7	66.3	66.5	66.6	66.8	67.2	67.2	68.4
≥ 4500	36.7	51.7	57.8	62.9	64.4	64.7	69.0	70.4	71.0	71.6	71.7	71.8	72.0	72.5	72.5	73.7
≥ 4000	41.9	58.4	64.9	70.3	71.9	72.4	77.0	78.4	78.9	79.6	79.7	79.9	80.1	80.5	80.5	81.7
≥ 3500	43.4	60.6	67.4	72.8	74.5	74.9	79.6	81.0	81.5	82.2	82.3	82.5	82.7	83.1	83.1	84.3
≥ 3000	45.1	62.9	70.1	75.6	77.3	77.7	82.4	83.8	84.3	84.9	85.1	85.3	85.5	85.9	85.9	87.1
≥ 2500	45.1	62.9	70.2	75.8	77.6	78.1	82.7	84.1	84.6	85.3	85.4	85.6	85.8	86.2	86.2	87.4
≥ 2000	46.0	64.7	72.3	78.0	79.9	80.3	85.1	86.6	87.1	87.7	87.8	88.1	88.3	88.8	88.8	90.0
≥ 1800	46.3	65.2	72.7	78.4	80.3	80.8	85.5	87.0	87.5	88.2	88.3	88.5	88.7	89.2	89.2	90.4
≥ 1500	47.7	66.8	74.4	80.3	82.4	82.8	87.6	89.2	89.8	90.4	90.5	90.8	91.0	91.5	91.5	92.7
≥ 1200	48.4	67.6	75.3	81.3	83.3	83.8	88.6	90.2	90.8	91.4	91.5	91.7	91.9	92.5	92.5	93.7
≥ 1000	48.4	67.6	75.3	81.7	83.8	84.2	89.0	90.6	91.2	91.8	91.9	92.2	92.4	92.9	92.9	94.1
≥ 900	48.5	68.2	75.8	82.3	84.4	84.8	89.7	91.4	91.9	92.6	92.7	92.9	93.1	93.7	93.7	94.8
≥ 800	48.5	68.2	75.8	82.3	84.8	85.3	90.3	92.3	92.8	93.4	93.5	93.8	94.0	94.5	94.5	95.7
≥ 700	48.5	68.5	76.1	82.6	85.2	85.6	90.9	92.9	93.4	94.1	94.2	94.4	94.6	95.2	95.2	96.3
≥ 600	48.5	68.5	76.2	82.7	85.4	85.8	91.1	93.1	93.7	94.3	94.4	94.6	94.8	95.4	95.4	96.6
≥ 500	48.7	68.9	76.8	83.3	86.2	86.7	91.9	94.2	94.8	95.5	95.6	95.8	96.0	96.6	96.6	97.7
≥ 400	48.8	69.0	76.9	83.7	86.6	87.0	92.4	94.7	95.4	96.0	96.1	96.3	96.6	97.1	97.1	98.3
≥ 300	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.3	95.9	96.6	96.9	97.1	97.3	97.8	97.8	99.0
≥ 200	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.0	97.2	97.4	98.0	98.1	99.4
≥ 100	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.1	97.3	97.5	98.1	98.4	100.0
≥ 0	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.1	97.3	97.5	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥7 (11)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥¼ (0.4)	≥0 (0.0)			
NO CEILING	17.0	24.8	27.5	31.7	33.8	33.9	37.2	39.2	40.0	41.2	41.5	41.8	42.6	43.5	44.2	46.8
≥ 20000	18.2	26.2	29.2	33.9	36.3	36.4	40.1	42.1	42.9	44.1	44.5	44.8	45.6	46.6	47.2	49.8
≥ 15000	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
≥ 10000	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
≥ 9000	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
≥ 8000	18.3	26.3	29.3	34.4	37.0	37.1	40.7	42.8	43.5	44.8	45.3	45.6	46.3	47.3	48.0	50.5
≥ 7000	19.0	26.9	30.0	35.6	38.3	38.5	42.2	44.3	45.0	46.3	46.8	47.1	47.8	48.8	49.5	52.0
≥ 6000	19.1	27.2	30.2	36.0	38.7	38.9	42.9	44.9	45.7	47.0	47.4	47.8	48.7	49.7	50.3	52.9
≥ 5000	23.7	32.0	35.1	41.2	44.4	44.6	49.1	51.5	52.4	53.9	54.4	54.8	55.7	56.8	57.5	60.2
≥ 4500	23.5	33.2	36.4	42.6	45.8	46.0	50.6	53.0	53.9	55.4	55.9	56.4	57.2	58.3	59.1	61.7
≥ 4000	23.9	33.6	37.2	43.3	46.6	46.8	51.4	53.8	54.6	56.1	56.8	57.2	58.1	59.2	59.9	62.6
≥ 3500	25.6	35.8	39.3	45.9	49.1	49.4	54.1	56.7	57.5	59.1	59.7	60.1	61.0	62.1	62.8	65.5
≥ 3000	27.3	38.1	41.7	48.7	52.0	52.3	57.0	59.7	60.6	62.1	62.7	63.1	64.1	65.2	65.9	68.6
≥ 2500	31.0	42.5	46.7	54.0	57.5	57.8	62.9	65.7	66.6	68.2	68.9	69.3	70.3	71.3	72.1	74.8
≥ 2000	33.0	45.0	49.6	57.1	60.9	61.1	66.3	69.1	69.9	71.6	72.2	72.6	73.6	74.7	75.4	78.1
≥ 1800	34.4	46.7	51.3	59.3	63.3	63.5	68.6	71.6	72.4	74.1	74.9	75.3	76.3	77.4	78.2	80.9
≥ 1600	34.7	47.4	52.2	60.1	64.1	64.4	69.7	72.6	73.5	75.2	76.0	76.4	77.4	78.4	79.3	82.0
≥ 1400	35.7	48.6	53.4	61.9	66.3	66.7	72.3	75.3	76.2	77.9	78.7	79.1	80.1	81.1	82.0	84.7
≥ 1200	36.5	49.6	54.6	63.0	67.5	67.9	73.5	76.5	77.4	79.1	79.8	80.3	81.3	82.3	83.2	85.9
≥ 1000	37.6	51.1	56.3	65.0	69.6	70.0	75.8	78.8	79.6	81.4	82.1	82.5	83.5	84.6	85.5	88.1
≥ 900	38.1	51.8	57.2	66.3	71.9	71.3	77.2	80.4	81.3	83.0	83.7	84.2	85.1	86.2	87.1	89.8
≥ 800	38.3	52.3	57.8	66.8	71.7	72.1	77.9	81.3	82.1	83.8	84.6	85.0	86.0	87.1	87.9	90.6
≥ 700	38.3	52.3	57.8	67.2	72.1	72.6	78.4	81.9	82.8	84.5	85.2	85.7	86.6	87.7	88.6	91.3
≥ 600	38.3	52.6	58.1	67.8	72.8	73.4	79.3	82.8	83.6	85.3	86.1	86.5	87.5	88.6	89.4	92.1
≥ 500	38.3	53.0	58.5	68.4	73.6	74.1	80.2	83.8	84.7	86.5	87.3	87.7	88.7	89.8	90.6	93.3
≥ 400	38.3	53.0	58.6	68.5	73.8	74.4	80.5	84.2	85.1	86.9	87.7	88.1	89.1	90.2	91.1	93.8
≥ 300	38.4	53.1	58.8	68.8	74.2	74.8	81.0	84.9	85.8	87.7	88.6	89.0	90.0	91.1	91.9	94.6
≥ 200	38.4	53.1	58.9	69.0	74.5	75.0	81.7	85.8	86.6	88.9	89.8	90.2	91.2	92.2	93.1	95.8
≥ 100	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.4	90.9	92.0	93.1	94.1	96.8
≥ 0	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.4	91.1	92.2	93.3	94.4	97.5
	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.5	91.2	92.5	94.0	95.5	99.6
	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.5	91.2	92.5	94.0	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (LOCAL TIME)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	14.4	21.2	24.2	29.5	32.1	32.5	34.7	36.4	36.7	37.4	37.5	37.7	38.2	38.7	38.9	40.1
≥ 20000	16.1	23.7	27.0	33.4	36.4	36.8	38.6	41.0	41.4	42.1	42.3	42.5	43.1	43.6	43.8	45.0
≥ 18000	16.2	23.9	27.2	33.6	36.7	37.1	39.1	41.6	41.9	42.7	42.9	43.1	43.5	44.2	44.4	45.6
≥ 16000	16.2	23.9	27.2	33.6	36.7	37.1	39.1	41.6	41.9	42.7	42.9	43.1	43.5	44.2	44.4	45.6
≥ 14000	16.3	24.1	27.3	33.7	36.8	37.3	39.2	41.7	42.0	42.8	43.0	43.2	43.6	44.3	44.5	45.7
≥ 12000	16.3	24.1	27.4	33.8	37.3	37.7	39.6	42.1	42.4	43.2	43.4	43.6	44.1	44.7	44.9	46.1
≥ 10000	16.6	25.1	28.4	35.1	38.7	39.1	41.3	43.7	44.1	44.8	45.0	45.2	45.7	46.3	46.5	47.7
≥ 9000	17.1	25.6	29.0	35.7	39.3	39.7	41.9	44.4	44.7	45.5	45.7	45.9	46.3	47.0	47.2	48.5
≥ 8000	21.1	30.6	34.1	41.5	45.5	45.9	48.4	51.2	51.5	52.5	53.0	53.2	53.8	54.5	54.9	56.2
≥ 7000	21.7	32.0	35.6	43.1	47.1	47.5	50.2	52.8	53.1	54.1	54.6	54.9	55.4	56.2	56.5	57.8
≥ 6000	21.9	32.2	36.0	43.5	47.5	47.9	50.5	53.6	53.9	55.0	55.5	55.7	56.3	57.1	57.6	58.9
≥ 5000	23.8	34.4	38.3	46.2	50.2	50.9	53.5	56.7	57.0	58.1	58.7	59.0	59.5	60.4	60.8	62.1
≥ 4500	25.3	36.7	40.8	49.1	53.5	54.1	56.7	59.9	60.3	61.3	62.0	62.2	62.7	63.6	64.0	65.3
≥ 4000	31.7	43.1	47.5	56.7	61.1	61.8	64.6	67.8	68.4	69.4	70.1	70.3	70.8	71.7	72.1	73.4
≥ 3500	32.0	44.9	49.5	58.9	63.6	64.3	67.1	70.3	70.9	71.9	72.6	72.8	73.3	74.2	74.6	75.9
≥ 3000	32.9	46.1	50.9	60.9	66.0	66.8	69.7	73.1	73.7	74.8	75.5	75.7	76.2	77.1	77.5	78.8
≥ 2500	33.4	46.7	51.4	61.6	66.6	67.6	70.6	74.1	74.6	75.8	76.5	76.7	77.2	78.1	78.5	79.8
≥ 2000	34.7	48.6	53.5	64.5	69.5	70.5	73.5	77.0	77.5	78.7	79.4	79.6	80.1	81.0	81.4	82.7
≥ 1800	34.8	48.8	53.8	64.8	69.9	70.8	73.9	77.3	77.9	79.0	79.7	79.9	80.5	81.3	81.7	83.0
≥ 1500	36.0	50.4	55.4	67.2	72.6	73.5	76.6	80.0	80.6	81.7	82.4	82.6	83.2	84.0	84.4	85.7
≥ 1200	36.7	52.1	57.3	69.3	74.8	75.9	79.2	82.7	83.3	84.4	85.1	85.3	85.9	86.8	87.3	88.6
≥ 1000	36.8	52.3	57.8	70.0	75.5	76.7	80.2	84.0	84.6	85.9	86.5	86.7	87.3	88.2	88.7	90.0
≥ 900	37.0	52.6	58.1	70.5	76.1	77.3	80.9	84.8	85.3	86.6	87.3	87.5	88.1	89.1	89.4	90.7
≥ 800	37.0	52.7	58.4	71.1	76.9	78.1	81.9	85.9	86.4	87.7	88.3	88.6	89.1	90.1	90.5	91.8
≥ 700	37.1	52.8	59.1	72.4	78.3	79.5	83.5	87.6	88.1	89.5	90.2	90.4	90.9	91.9	92.4	93.7
≥ 600	37.1	52.9	59.1	72.6	78.7	79.9	84.0	88.3	89.0	90.6	91.3	91.5	92.0	93.1	93.6	94.9
≥ 500	37.1	52.9	59.1	72.7	78.8	80.0	84.2	88.8	89.4	91.3	91.9	92.1	92.7	93.7	94.3	95.6
≥ 400	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.1	89.8	91.7	92.3	92.5	93.1	94.2	94.7	96.0
≥ 300	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.2	90.1	92.2	93.2	93.4	94.0	95.1	95.8	97.1
≥ 200	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.7	96.3	98.3
≥ 100	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.8	96.5	99.6
≥ 0	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

03583I (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 E09	≥8 GE8	≥7 GE6	≥6 GE48	≥5 GE40	≥4 GE32	≥3 GE24	≥2 GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥¼ GE05	≥⅛ GE04	≥0 GE00
NO CEILING	21.8	33.6	33.2	35.9	36.5	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 20000	23.8	34.7	37.7	40.9	41.5	41.9	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	24.1	35.5	38.5	41.8	42.6	43.0	43.2	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	25.2	37.1	40.1	43.4	44.2	44.6	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 9000	26.2	38.5	41.5	44.9	45.7	46.1	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 8000	28.8	42.4	45.8	49.4	50.1	50.5	51.2	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 7000	29.6	43.4	46.9	50.4	51.2	51.6	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 6000	29.9	43.8	47.2	50.9	51.7	52.2	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000	32.4	46.7	50.1	54.2	55.1	55.5	56.2	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500	35.1	49.8	53.4	57.5	58.4	58.8	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 4000	42.4	56.2	61.1	64.3	65.2	65.6	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	44.8	61.1	65.3	69.6	70.5	71.1	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3000	49.7	67.1	71.3	76.2	77.3	77.8	78.7	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	52.6	68.5	72.7	78.0	79.1	79.7	80.5	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	53.7	72.8	77.2	83.0	84.3	84.8	85.7	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	54.5	74.1	78.6	84.6	86.0	86.6	87.4	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	55.9	76.5	81.4	87.6	89.2	89.8	90.6	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	57.0	78.0	83.1	89.8	91.5	92.0	93.0	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	57.1	78.4	83.7	90.4	92.2	92.8	93.9	94.6	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	57.1	78.4	83.8	90.6	92.4	93.0	94.4	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	57.2	78.5	84.1	91.1	93.0	93.7	95.3	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	57.2	78.6	84.2	91.3	93.3	94.1	95.8	96.8	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600	57.3	78.9	84.5	91.6	93.8	94.5	96.2	97.5	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	57.3	78.9	84.5	91.8	94.1	94.8	96.6	98.2	98.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-87 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥⅜ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING	23.0	30.0	30.6	32.0	32.0	32.0	32.7	32.7	32.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	28.1	38.1	39.1	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000	28.1	38.3	39.4	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 16000	28.1	38.3	39.4	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000	28.1	38.4	39.5	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	28.2	38.7	39.8	41.7	41.8	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000	28.7	39.5	40.5	42.5	42.6	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	29.1	39.9	41.0	43.2	43.3	43.3	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 8000	31.3	43.3	44.4	46.9	47.1	47.1	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 7000	31.7	43.9	44.9	47.4	47.6	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000	32.5	44.8	45.9	48.5	48.7	48.7	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	34.9	48.7	50.0	52.6	52.8	52.8	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4500	39.0	54.3	55.7	58.7	58.9	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000	45.8	62.4	63.8	67.0	67.2	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3500	52.8	70.8	72.2	75.6	75.8	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3000	59.4	78.5	80.1	84.0	84.2	84.2	84.5	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	62.2	81.8	83.4	87.6	87.8	87.8	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	64.2	84.2	85.8	90.3	90.6	90.6	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	64.4	84.5	86.5	91.2	91.5	91.5	92.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	64.9	85.5	87.6	92.6	93.4	93.4	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	66.0	87.1	89.4	94.5	95.5	95.5	96.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	66.5	87.5	89.8	94.9	96.0	96.1	97.0	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	66.7	87.7	90.1	95.3	96.3	96.5	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	66.8	87.8	90.3	95.8	97.0	97.1	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	66.8	87.8	90.3	95.8	97.0	97.1	98.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	66.9	88.0	90.4	95.9	97.1	97.2	98.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	66.9	88.0	90.4	95.9	97.1	97.2	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

35931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GE93	≥9 GE80	≥8 GE67	≥7 GE60	≥6 GE48	≥5 GE40	≥4 GE32	≥3 GE24	≥2½ GE20	≥2 GE16	≥1¼ GE12	≥1 GE10	≥¾ GE08	≥½ GE05	≥¼ GE04	≥0 GE00
NO CEILING	23.9	31.9	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000	30.2	40.2	41.3	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	30.5	40.8	41.8	42.7	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000	30.9	41.2	42.4	43.3	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 10000	32.2	42.8	44.1	45.1	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 9000	32.5	43.8	45.1	46.3	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 8000	34.9	46.8	48.3	49.7	49.9	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 7000	35.7	48.0	49.7	51.1	51.4	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	35.7	48.0	49.7	51.1	51.4	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	39.6	52.8	54.7	56.5	56.9	57.2	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500	45.2	60.1	62.9	65.2	65.6	65.9	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	52.9	69.4	72.3	75.2	75.6	75.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	60.1	76.9	79.8	82.9	83.3	83.7	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	63.9	81.7	84.8	88.4	88.9	89.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	65.4	83.4	86.9	90.5	91.2	91.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	66.0	84.1	87.6	91.6	92.3	92.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	66.1	84.2	87.8	91.8	92.5	92.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	66.9	85.2	89.5	93.5	94.2	94.5	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	67.3	86.2	90.8	95.1	96.0	96.3	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	67.3	86.2	91.0	95.3	96.3	96.7	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	67.3	86.2	91.0	95.6	96.8	97.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	67.3	86.2	91.1	95.8	97.0	97.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	67.4	86.3	91.2	96.0	97.2	97.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	67.4	86.5	91.4	96.6	97.7	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.4	86.5	91.4	96.6	97.7	98.1	99.5	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	27.0	38.3	39.1	40.2	40.2	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	31.3	44.6	45.8	47.5	47.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	31.7	45.1	46.2	48.0	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 16000	31.7	45.1	46.2	48.0	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	31.8	45.7	47.1	48.7	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	32.5	46.7	48.1	49.7	50.0	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	34.5	48.9	50.4	52.3	52.6	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	34.9	49.6	51.1	52.9	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 8000	39.1	55.4	57.4	60.2	60.3	60.4	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	40.0	56.8	59.0	61.6	62.0	62.2	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	41.5	57.9	59.9	62.5	62.9	63.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	42.6	60.0	62.5	65.3	65.7	65.8	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	48.1	66.5	69.5	72.6	73.0	73.2	74.4	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	53.1	72.5	76.1	79.6	80.0	80.2	81.6	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	56.8	77.1	81.3	85.1	85.5	85.7	87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	58.1	78.6	82.8	87.1	87.5	87.7	89.2	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	59.1	79.9	84.3	88.7	89.1	89.5	91.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	59.8	80.8	85.7	90.1	90.8	91.1	92.7	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	60.2	81.4	86.5	91.1	91.7	92.1	93.7	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	60.5	81.9	87.1	91.7	92.4	92.7	94.4	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	61.2	83.1	88.6	93.5	94.4	94.7	96.5	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	61.2	83.2	88.7	93.8	94.6	94.9	96.7	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	61.2	83.2	88.8	93.9	94.7	95.1	96.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	61.4	83.4	89.1	94.2	95.1	95.5	97.2	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	61.4	83.4	89.2	94.4	95.5	95.9	97.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	61.4	83.4	89.2	94.4	95.5	95.9	97.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	61.4	83.4	89.4	94.5	95.7	96.1	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	61.4	83.4	89.4	94.5	95.7	96.1	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE160	≥6 GE96	≥5 GE80	≥4 GE60	≥3 GE48	≥2 GE40	≥1 7/8 GE32	≥1 1/2 GE24	≥1 1/4 GE20	≥1 GE16	≥7/8 GE14	≥3/4 GE12	≥5/8 GE10	≥1/2 GE8	≥3/8 GE6	≥0 GE0
NO CEILING	30.4	43.3	46.9	48.9	50.0	50.0	50.1	50.2	50.3	50.3	50.4	50.4	50.5	50.5	50.6	50.6
≥ 20000	33.0	47.2	51.6	54.1	55.7	55.7	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.3	56.5	56.5
≥ 18000	33.2	47.4	51.9	54.3	55.9	55.9	56.1	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7
≥ 16000	33.2	47.4	51.8	54.3	55.9	55.9	56.1	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7
≥ 14000	33.2	47.5	51.9	54.4	56.0	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.8	56.8
≥ 12000	33.3	47.7	52.2	54.6	56.2	56.2	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.0	57.0
≥ 10000	34.7	49.7	54.2	56.7	58.3	58.3	58.5	58.6	58.7	58.7	58.8	58.8	58.9	58.9	59.0	59.0
≥ 9000	35.1	50.3	54.8	57.3	58.9	58.9	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.9	59.9	59.9
≥ 8000	37.3	53.9	59.2	61.9	63.8	63.8	64.2	64.5	64.6	64.6	64.7	64.8	64.9	64.9	65.1	65.1
≥ 7000	38.3	55.4	61.0	63.7	65.5	65.5	65.9	66.2	66.3	66.3	66.5	66.6	66.7	66.7	66.8	66.8
≥ 6000	38.5	55.6	61.2	63.9	65.7	65.7	66.1	66.5	66.6	66.6	66.7	66.8	66.9	66.9	67.0	67.0
≥ 5000	40.9	58.5	64.2	66.9	68.8	68.8	69.2	69.8	70.0	70.0	70.1	70.2	70.3	70.3	70.4	70.4
≥ 4500	43.3	62.3	68.5	71.3	73.2	73.2	73.7	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9
≥ 4000	48.9	68.8	76.9	80.2	82.3	82.4	82.9	83.4	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.2
≥ 3500	51.9	72.3	80.5	84.0	86.1	86.1	86.7	87.2	87.4	87.5	87.6	87.7	87.8	87.8	88.0	88.0
≥ 3000	53.2	73.8	82.2	85.9	88.0	88.1	88.6	89.1	89.4	89.6	89.7	89.8	89.9	89.9	90.0	90.0
≥ 2500	53.5	74.2	82.9	87.2	89.2	89.4	90.0	90.5	90.8	91.0	91.1	91.2	91.3	91.3	91.4	91.4
≥ 2000	54.9	76.2	85.5	89.8	91.8	91.9	92.6	93.5	93.9	94.1	94.2	94.3	94.4	94.4	94.5	94.5
≥ 1800	54.9	76.2	85.5	90.0	92.0	92.2	92.8	93.8	94.1	94.3	94.4	94.5	94.6	94.6	94.7	94.7
≥ 1500	55.5	76.9	86.1	90.8	92.8	92.9	93.5	94.5	94.8	95.1	95.2	95.3	95.4	95.4	95.5	95.5
≥ 1200	55.7	77.4	86.8	91.5	93.5	93.7	94.5	95.5	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.6
≥ 1000	55.8	77.6	87.0	91.8	93.9	94.0	94.8	95.8	96.2	96.5	96.6	96.7	96.8	96.8	96.9	96.9
≥ 900	55.8	77.8	87.2	92.2	94.2	94.3	95.2	96.3	96.8	97.0	97.1	97.2	97.3	97.3	97.4	97.4
≥ 800	55.9	78.0	87.3	92.7	94.7	94.8	95.8	97.0	97.4	97.6	97.7	97.8	98.0	98.0	98.1	98.1
≥ 700	55.9	78.0	87.5	92.9	95.1	95.2	96.3	97.5	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6
≥ 600	55.9	78.0	87.5	92.9	95.1	95.2	96.3	97.5	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6
≥ 500	56.0	78.1	88.0	93.3	95.5	95.6	96.8	98.1	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.2
≥ 400	56.0	78.1	88.0	93.4	95.7	95.8	97.0	98.3	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5
≥ 300	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	99.9
≥ 200	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	99.9
≥ 100	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING	23.2	32.5	34.7	37.3	38.3	38.4	39.4	40.0	40.2	40.5	40.6	40.7	40.9	41.1	41.2	41.8
≥ 20000	26.2	36.9	39.6	42.7	43.9	44.1	45.2	46.0	46.1	46.4	46.5	46.6	46.8	47.1	47.2	47.8
≥ 18000	26.4	37.1	39.8	43.0	44.2	44.4	45.6	46.3	46.5	46.8	46.9	47.0	47.2	47.4	47.5	48.1
≥ 16000	26.4	37.1	39.8	43.0	44.2	44.4	45.6	46.3	46.5	46.8	46.9	47.0	47.2	47.4	47.5	48.1
≥ 14000	26.4	37.3	40.0	43.2	44.4	44.6	45.7	46.5	46.7	46.9	47.1	47.1	47.3	47.6	47.7	48.3
≥ 12000	26.6	37.6	40.3	43.6	44.9	45.1	46.3	47.1	47.2	47.6	47.7	47.8	47.9	48.2	48.3	48.9
≥ 10000	27.5	38.9	41.7	45.1	46.5	46.7	48.1	48.7	48.9	49.2	49.4	49.4	49.6	49.9	50.0	50.6
≥ 9000	28.1	39.6	42.4	45.9	47.2	47.5	48.8	49.6	49.8	50.1	50.2	50.3	50.5	50.8	50.9	51.5
≥ 8000	30.9	43.6	46.8	50.7	52.2	52.4	54.1	54.9	55.2	55.6	55.7	55.9	56.1	56.3	56.5	57.1
≥ 7000	31.6	44.7	48.1	51.9	53.5	53.7	55.3	56.3	56.5	56.9	57.1	57.2	57.4	57.7	57.8	58.5
≥ 6000	31.9	45.1	48.5	52.5	54.0	54.2	56.0	57.0	57.2	57.6	57.8	57.9	58.1	58.4	58.6	59.2
≥ 5000	34.2	48.1	51.6	55.7	57.3	57.5	59.4	60.4	60.7	61.2	61.3	61.4	61.7	62.0	62.1	62.8
≥ 4500	37.5	52.4	56.3	60.8	62.4	62.7	64.6	65.7	66.0	66.4	66.6	66.7	66.9	67.2	67.4	68.0
≥ 4000	43.1	59.2	63.5	68.4	70.1	70.4	72.5	73.6	73.9	74.4	74.6	74.7	74.9	75.2	75.4	76.0
≥ 3500	46.9	63.6	68.2	73.2	75.0	75.3	77.4	78.5	78.9	79.3	79.5	79.6	79.9	80.2	80.3	81.0
≥ 3000	49.6	66.9	71.7	77.2	79.1	79.4	81.5	82.7	83.0	83.6	83.8	83.9	84.1	84.4	84.6	85.2
≥ 2500	50.5	68.1	73.0	78.7	80.6	81.0	83.2	84.4	84.7	85.3	85.5	85.6	85.8	86.1	86.3	86.9
≥ 2000	51.9	70.0	75.2	81.2	83.2	83.6	85.8	87.2	87.5	88.1	88.3	88.4	88.6	88.9	89.1	89.7
≥ 1800	52.2	70.5	75.8	81.9	83.9	84.3	86.6	87.9	88.3	88.8	89.0	89.1	89.4	89.7	89.9	90.5
≥ 1500	53.1	71.8	77.2	83.6	85.8	86.2	88.6	90.0	90.3	90.9	91.1	91.2	91.4	91.7	91.9	92.6
≥ 1200	53.8	72.9	78.6	85.2	87.5	87.9	90.4	91.8	92.2	92.8	93.0	93.1	93.3	93.6	93.8	94.5
≥ 1000	53.9	73.2	78.9	85.6	88.0	88.4	90.9	92.5	92.8	93.4	93.6	93.7	94.0	94.3	94.5	95.1
≥ 900	54.0	73.3	79.1	86.0	88.4	88.8	91.4	93.0	93.4	93.9	94.1	94.3	94.5	94.8	95.0	95.6
≥ 800	54.1	73.4	79.3	86.3	88.9	89.4	92.1	93.8	94.1	94.7	94.9	95.1	95.3	95.6	95.8	96.4
≥ 700	54.1	73.6	79.5	86.7	89.4	89.9	92.7	94.4	94.8	95.5	95.7	95.8	96.0	96.3	96.5	97.2
≥ 600	54.1	73.7	79.6	86.9	89.6	90.1	92.9	94.8	95.2	95.8	96.0	96.2	96.4	96.7	96.9	97.6
≥ 500	54.2	73.7	79.8	87.1	89.9	90.4	93.3	95.3	95.7	96.5	96.7	96.8	97.1	97.4	97.6	98.3
≥ 400	54.2	73.8	79.8	87.2	90.0	90.6	93.5	95.6	96.0	96.9	97.1	97.2	97.4	97.8	98.0	98.6
≥ 300	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.2	97.1	97.5	97.6	97.8	98.2	98.4	99.1
≥ 200	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.5	97.7	97.9	98.3	98.6	99.4
≥ 100	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.6	97.7	98.0	98.5	98.8	99.9
≥ 0	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.6	97.7	98.0	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 EQ9	≥8 GE8	≥7 GE6	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE1½	≥1½ GE1¼	≥1¼ GE1	≥1 GE¾	≥¾ GE½	≥½ GE⅜	≥5/16 GE¼	≥0 GE0
NO CEILING	23.4	35.4	38.5	42.5	44.9	45.4	46.7	47.0	47.1	47.9	48.0	48.4	48.7	49.1	49.1	49.4
≥ 20000	25.8	38.8	42.3	47.1	49.6	50.1	51.3	51.7	51.8	52.6	52.7	53.1	53.3	53.8	53.8	54.1
≥ 18000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 16000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 14000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 12000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 10000	26.9	40.3	44.1	49.2	51.8	52.3	53.6	54.1	54.2	55.0	55.1	55.6	55.8	56.2	56.3	56.7
≥ 9000	27.4	41.0	44.8	49.9	52.6	53.1	54.5	55.0	55.1	55.9	56.0	56.5	56.7	57.1	57.2	57.6
≥ 8000	30.4	44.4	48.6	54.0	56.8	57.6	59.2	59.8	59.9	60.7	60.8	61.2	61.5	61.9	62.0	62.4
≥ 7000	31.2	45.8	50.0	55.6	58.4	59.1	60.8	61.5	61.6	62.5	62.6	63.1	63.4	63.8	63.9	64.3
≥ 6000	31.3	46.1	50.3	56.2	59.0	59.8	61.5	62.1	62.2	63.1	63.3	63.8	64.0	64.5	64.6	64.9
≥ 5000	33.3	48.6	53.1	59.5	62.5	63.3	64.9	65.8	65.9	66.8	66.9	67.5	67.7	68.2	68.3	68.6
≥ 4500	37.9	54.1	58.9	65.8	68.8	69.6	71.4	72.3	72.4	73.3	73.4	73.9	74.2	74.6	74.7	75.1
≥ 4000	42.0	59.6	64.6	72.0	75.1	75.8	77.6	78.6	78.7	79.6	79.7	80.3	80.5	81.0	81.1	81.4
≥ 3500	43.9	62.4	67.4	74.9	78.0	78.7	80.5	81.7	81.9	82.7	83.0	83.5	83.7	84.2	84.3	84.6
≥ 3000	46.4	65.6	71.6	78.6	81.6	82.4	84.3	85.7	86.1	87.0	87.2	87.8	88.0	88.4	88.5	88.9
≥ 2500	47.3	67.1	72.4	80.5	83.5	84.3	86.4	87.9	88.2	89.1	89.3	89.9	90.1	90.5	90.6	91.0
≥ 2000	47.7	68.0	73.3	81.7	84.7	85.5	87.6	89.1	89.4	90.3	90.5	91.1	91.3	91.8	91.9	92.2
≥ 1800	48.0	68.5	73.8	82.6	85.6	86.4	88.5	90.0	90.3	91.2	91.4	92.0	92.2	92.7	92.8	93.1
≥ 1500	48.4	69.2	74.6	83.9	87.0	87.8	90.2	91.6	92.0	92.9	93.1	93.7	93.9	94.3	94.4	94.8
≥ 1200	49.1	70.2	75.6	84.9	88.0	88.8	91.5	93.1	93.5	94.4	94.7	95.2	95.4	95.9	96.0	96.3
≥ 1000	49.1	70.2	75.7	85.0	88.4	89.2	92.1	93.7	94.1	95.0	95.2	95.8	96.0	96.4	96.5	96.9
≥ 900	49.1	70.2	75.7	85.0	88.4	89.2	92.1	93.7	94.1	95.0	95.2	95.8	96.0	96.4	96.5	96.9
≥ 800	49.2	70.4	75.9	85.2	88.6	89.4	92.3	93.9	94.3	95.2	95.4	96.0	96.2	96.7	96.8	97.1
≥ 700	49.2	70.5	76.2	85.9	89.3	90.1	93.0	94.5	95.0	95.9	96.1	96.7	96.9	97.3	97.4	97.8
≥ 600	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.4	96.3	96.5	97.1	97.3	97.8	97.9	98.2
≥ 500	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 400	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	97.0	97.3	97.9	98.3	98.8	98.9	99.2
≥ 300	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	97.0	97.3	97.9	98.3	98.8	98.9	99.2
≥ 200	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	97.0	97.3	97.9	98.3	98.8	98.9	99.3
≥ 100	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	97.0	97.3	97.9	98.3	98.8	98.9	99.7
≥ 0	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	97.0	97.3	97.9	98.3	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 E09	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥⅝ GE1	≥½ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	20.3	28.5	32.6	36.6	39.1	40.1	42.2	42.6	42.7	43.2	43.2	43.9	44.1	45.3	45.3	46.9
≥ 20000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 18000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 16000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 14000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 12000	21.4	30.2	34.7	39.2	41.7	42.7	45.1	45.4	45.5	46.1	46.1	46.8	47.0	47.9	48.2	49.8
≥ 10000	21.9	31.3	36.0	40.6	43.4	44.4	46.9	47.3	47.4	48.0	48.0	48.7	48.9	49.8	50.1	51.7
≥ 9000	22.2	31.6	36.6	41.2	44.0	45.0	47.4	47.9	48.0	48.5	48.5	49.2	49.4	50.3	50.7	52.2
≥ 8000	24.4	34.5	40.1	45.2	48.2	49.4	52.3	53.1	53.2	53.8	53.8	54.5	54.7	55.6	55.9	57.5
≥ 7000	24.9	35.5	41.2	46.9	49.9	51.1	54.1	54.8	54.9	55.5	55.5	56.1	56.4	57.3	57.6	59.2
≥ 6000	25.4	36.3	42.1	47.8	50.8	52.1	54.9	55.7	55.8	56.4	56.4	57.0	57.3	58.1	58.5	60.0
≥ 5000	27.3	39.0	45.0	51.7	54.8	56.0	58.9	59.7	59.8	60.4	60.4	61.0	61.3	62.2	62.5	64.1
≥ 4500	32.3	45.8	51.9	58.8	62.3	63.6	67.0	67.9	68.0	68.6	68.6	69.3	69.5	70.4	70.8	72.3
≥ 4000	35.4	49.6	55.9	63.5	67.3	68.6	72.0	73.1	73.2	73.9	73.9	74.6	74.8	75.7	76.0	77.6
≥ 3500	37.4	52.8	59.5	67.3	71.1	72.4	76.1	77.1	77.2	78.0	78.0	78.7	78.9	79.8	80.1	81.7
≥ 3000	38.4	53.8	60.5	68.4	72.7	74.1	77.7	78.8	79.0	79.8	79.8	80.5	80.7	81.6	81.9	83.5
≥ 2500	39.3	55.6	62.4	70.6	75.0	76.6	80.1	81.3	81.5	82.3	82.3	82.9	83.1	84.0	84.4	85.9
≥ 2000	41.7	58.5	65.4	74.2	78.6	80.2	84.2	85.3	85.5	86.3	86.3	86.9	87.2	88.1	88.4	90.0
≥ 1800	42.0	58.7	65.6	74.4	78.8	80.5	84.4	85.5	85.7	86.5	86.5	87.2	87.4	88.3	88.6	90.2
≥ 1500	43.1	59.8	66.7	75.9	80.2	81.9	85.8	86.9	87.2	87.9	87.9	88.7	89.0	89.8	90.2	91.7
≥ 1200	43.8	60.8	67.7	77.0	81.5	83.1	87.3	88.4	88.6	89.4	89.4	90.2	90.4	91.3	91.6	93.2
≥ 1000	44.1	61.2	68.1	77.6	82.3	83.9	88.1	89.5	89.7	90.5	90.5	91.3	91.5	92.4	92.7	94.3
≥ 900	44.1	61.2	68.1	77.6	82.3	83.9	88.1	89.5	89.7	90.5	90.5	91.3	91.5	92.4	92.7	94.3
≥ 800	44.1	61.2	68.1	77.7	82.5	84.2	88.3	89.8	90.1	90.8	90.8	91.6	91.9	92.7	93.1	94.6
≥ 700	44.2	61.4	68.4	78.3	83.4	85.1	89.2	90.7	91.0	91.9	91.9	92.6	92.9	93.8	94.1	95.6
≥ 600	44.2	61.4	68.4	78.5	83.6	85.3	89.5	91.2	91.4	92.3	92.3	93.1	93.3	94.2	94.5	96.1
≥ 500	44.4	61.7	68.8	79.0	84.2	85.8	90.1	91.9	92.1	93.1	93.1	93.9	94.0	94.9	95.1	95.4	97.0
≥ 400	44.4	61.7	68.9	79.1	84.3	85.9	90.2	92.0	92.2	93.3	93.4	94.2	94.5	95.4	95.8	97.3
≥ 300	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.8	96.1	97.7
≥ 200	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.9	96.2	97.9
≥ 100	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.9	96.3	98.5
≥ 0	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	96.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2800 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥ GE8	≥5/16 GE5	≥ GE4	≥0 GE0
NO CEILING	15.4	22.1	24.7	30.0	31.5	32.7	34.2	35.9	36.0	37.1	37.6	37.8	37.9	38.2	39.5	40.2
≥ 20000	17.3	25.0	29.0	35.4	37.1	37.6	39.7	41.7	42.2	43.2	43.9	44.0	44.2	44.6	45.9	46.8
≥ 18000	17.3	25.1	29.1	35.5	37.2	37.7	39.8	41.9	42.1	43.1	43.9	44.1	44.3	44.8	45.1	46.9
≥ 16000	17.3	25.1	29.1	35.5	37.2	37.7	39.8	41.9	42.1	43.1	43.9	44.1	44.3	44.8	45.1	46.9
≥ 14000	17.3	25.1	29.1	35.5	37.2	37.7	39.8	41.9	42.1	43.1	43.9	44.1	44.3	44.8	45.1	46.9
≥ 12000	17.4	25.2	29.4	35.8	37.6	38.2	40.3	42.3	42.5	43.5	44.3	44.5	44.8	45.2	45.5	47.3
≥ 10000	17.7	26.2	30.6	37.3	39.2	39.7	41.9	43.9	44.1	45.2	46.0	46.2	46.5	47.0	47.3	49.1
≥ 9000	18.1	26.7	31.0	37.7	39.6	40.2	42.3	44.3	44.5	45.6	46.4	46.7	47.0	47.4	47.8	49.6
≥ 8000	20.4	30.0	34.8	42.1	44.4	45.1	47.5	50.1	50.4	51.7	52.5	52.7	53.0	53.5	53.8	55.6
≥ 7000	20.9	30.6	35.6	43.3	45.9	46.5	49.1	51.7	52.0	53.3	54.1	54.4	54.7	55.1	55.5	57.3
≥ 6000	21.3	31.1	36.2	43.9	46.4	47.1	49.8	52.5	52.8	54.1	54.9	55.1	55.5	55.9	56.3	58.0
≥ 5000	23.2	33.4	38.5	46.8	49.3	50.0	53.1	55.8	56.4	57.7	58.5	58.7	59.1	59.5	59.8	61.6
≥ 4500	25.7	36.7	42.1	51.5	54.2	54.9	58.1	60.9	61.5	62.8	63.6	63.8	64.2	64.6	65.0	67.0
≥ 4000	28.8	41.1	46.8	56.5	59.5	60.3	63.7	66.6	67.3	68.6	69.4	69.8	70.1	70.5	70.9	72.9
≥ 3500	30.1	43.1	49.2	59.5	62.7	63.5	67.2	70.2	70.9	72.2	73.0	73.4	73.8	74.2	74.6	76.6
≥ 3000	31.3	44.9	51.1	61.4	64.8	65.6	69.4	72.4	73.1	74.6	75.3	75.8	76.1	76.6	76.9	78.9
≥ 2500	32.7	47.4	54.2	65.0	68.6	69.4	73.3	76.3	77.0	78.5	79.2	79.7	80.0	80.5	80.8	82.8
≥ 2000	33.9	48.8	55.8	67.1	70.9	71.7	75.6	78.6	79.2	80.8	81.6	82.0	82.4	82.8	83.1	85.2
≥ 1800	34.1	49.1	56.1	67.4	71.2	72.0	75.9	78.9	79.6	81.1	81.9	82.4	82.7	83.1	83.5	85.5
≥ 1500	35.5	50.9	58.1	69.5	73.3	74.1	78.1	81.1	81.8	83.4	84.2	84.6	85.0	85.5	85.8	87.8
≥ 1200	36.9	52.8	60.4	72.3	76.7	77.5	81.6	84.8	85.6	87.2	87.9	88.4	88.8	89.3	89.6	91.6
≥ 1000	37.1	52.9	60.9	73.3	78.0	78.8	82.9	86.2	87.1	88.7	89.5	90.0	90.4	90.8	91.2	93.2
≥ 900	37.1	52.9	60.9	73.3	78.0	78.8	82.9	86.2	87.1	88.7	89.5	90.0	90.4	90.8	91.2	93.2
≥ 800	37.1	52.9	61.1	74.0	78.8	79.6	83.7	87.1	87.9	89.7	90.6	91.2	91.6	92.1	92.4	94.4
≥ 700	37.1	52.9	61.2	74.3	79.1	79.9	84.4	87.8	88.7	90.5	91.4	92.0	92.4	92.9	93.3	95.3
≥ 600	37.1	52.9	61.2	74.4	79.4	80.1	84.7	88.2	89.1	90.8	91.7	92.3	92.7	93.2	93.6	95.6
≥ 500	37.1	52.9	61.2	74.8	79.7	80.6	85.2	88.8	89.7	91.6	92.6	93.4	93.9	94.3	94.8	96.8
≥ 400	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.2	90.1	92.0	93.0	93.8	94.2	94.6	95.1	97.1
≥ 300	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.3	95.8	97.8
≥ 200	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.1	98.5
≥ 100	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.2	99.8
≥ 0	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.1	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥⅞ GE1.2	≥¾ GE1.0	≥⅝ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0.2
NO CEILING	23.1	31.4	32.9	36.6	37.6	37.7	37.9	38.1	38.1	38.1	39.2	39.2	38.2	38.3	38.3	38.3
≥ 20000	29.0	38.9	41.1	45.7	47.0	47.1	47.4	47.7	47.8	47.9	48.0	48.0	48.0	48.1	48.1	48.1
≥ 18000	29.1	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
≥ 16000	29.1	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
≥ 14000	29.1	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
≥ 12000	29.2	39.2	41.6	46.1	47.6	47.7	48.1	48.2	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7
≥ 10000	30.9	41.2	43.6	48.2	49.8	50.0	50.3	50.6	50.7	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥ 9000	31.0	41.6	43.9	48.6	50.1	50.3	50.7	50.9	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.3
≥ 8000	33.6	45.3	48.1	53.6	55.4	55.7	56.2	56.4	56.6	56.7	56.8	56.8	56.8	56.9	56.9	56.9
≥ 7000	34.1	46.0	48.9	54.7	56.6	56.8	57.3	57.6	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.0
≥ 6000	34.1	46.1	49.1	55.3	57.0	57.2	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4
≥ 5000	35.9	48.0	51.0	57.2	59.2	59.4	60.1	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7
≥ 4500	38.9	51.6	54.9	61.3	63.3	63.6	64.2	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1
≥ 4000	41.8	56.1	59.7	66.3	68.4	68.7	69.4	70.0	70.3	70.4	70.6	70.6	70.6	70.7	70.7	70.8
≥ 3500	44.4	59.4	63.6	70.6	72.7	72.9	73.7	74.2	74.6	74.8	74.9	74.9	74.9	75.0	75.0	75.1
≥ 3000	48.2	63.8	68.2	75.4	77.7	77.9	78.7	79.2	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.1
≥ 2500	50.9	67.7	72.3	79.8	82.0	82.3	83.2	83.8	84.1	84.3	84.4	84.4	84.4	84.6	84.6	84.7
≥ 2000	52.9	70.7	75.6	83.1	85.3	85.7	86.6	87.2	87.6	87.8	87.9	87.9	87.9	88.0	88.0	88.1
≥ 1800	53.2	71.2	76.1	83.7	85.9	86.2	87.1	87.8	88.1	88.3	88.4	88.4	88.4	88.6	88.6	88.7
≥ 1500	54.0	73.1	78.2	85.8	88.1	88.4	89.4	90.2	90.6	91.0	91.1	91.1	91.1	91.2	91.2	91.3
≥ 1200	54.6	73.9	79.7	87.3	89.8	90.2	91.2	92.1	92.4	93.0	93.1	93.1	93.1	93.2	93.2	93.3
≥ 1000	54.8	74.8	81.1	89.1	92.1	92.6	93.6	94.4	94.8	95.3	95.4	95.4	95.4	95.6	95.6	95.7
≥ 900	54.8	74.9	81.2	89.2	92.3	92.8	93.8	94.7	95.1	95.8	95.9	95.9	95.9	96.0	96.0	96.1
≥ 800	54.8	75.1	81.4	89.9	93.1	93.6	94.6	95.4	95.9	96.6	96.7	96.7	96.7	96.8	96.8	96.9
≥ 700	54.8	75.0	81.4	89.9	93.3	93.8	94.8	95.7	96.1	96.8	96.9	96.9	96.9	97.0	97.0	97.1
≥ 600	54.8	75.1	81.6	90.3	93.8	94.2	95.4	96.3	96.8	97.4	97.6	97.6	97.6	97.7	97.7	97.8
≥ 500	54.8	75.2	81.7	90.8	94.2	94.7	95.9	96.9	97.3	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 400	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.4	98.6	98.6	98.6	98.7	98.7	98.9
≥ 300	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.4	98.7	98.8	98.8	98.9	98.9	99.1
≥ 200	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.0	99.0	99.6
≥ 100	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.1	99.2	99.9
≥ 0	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible] YEARS | [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE1½	≥1½ GE1	≥1 GE¾	≥¾ GE½	≥½ GE¼	≥¼ GE0	<¼
NO CEILING	23.7	33.3	34.5	35.4	35.5	35.5	36.7	35.8	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	31.3	42.9	44.8	45.8	45.9	45.9	46.2	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 18000	31.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	31.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	31.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	31.8	44.0	45.9	46.9	47.1	47.1	47.3	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	33.8	46.6	48.5	49.5	49.6	49.6	49.8	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	34.3	47.1	49.2	50.2	50.3	50.3	50.5	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	37.5	50.9	53.2	54.4	54.6	54.6	54.9	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	37.9	51.5	53.7	54.9	55.2	55.2	55.4	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 6000	38.3	51.9	54.2	55.4	55.6	55.6	55.9	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000	39.8	53.9	56.3	57.7	58.0	58.0	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	42.7	57.6	60.3	61.8	62.1	62.1	62.3	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000	47.9	64.4	67.1	68.6	69.1	69.1	69.3	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	53.8	71.3	74.2	75.9	76.3	76.3	76.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	59.5	78.7	81.1	83.2	83.6	83.6	83.9	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	62.7	81.6	85.1	87.3	87.8	87.8	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	64.1	85.3	88.8	91.2	91.7	91.7	92.1	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	64.2	85.8	89.2	92.0	92.5	92.5	93.0	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	64.3	87.7	90.7	93.7	94.3	94.3	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	65.4	87.9	91.9	94.9	95.6	95.6	96.1	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	65.4	88.3	92.5	95.9	96.7	96.7	97.3	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	65.4	88.4	92.7	96.0	96.8	96.8	97.4	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	65.5	88.8	93.1	96.3	97.1	97.1	99.0	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	65.5	89.3	93.3	96.7	97.4	97.4	98.3	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	65.5	89.0	93.4	96.9	97.7	97.7	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7631 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING	22.6	32.6	34.8	35.3	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	29.8	41.9	44.6	45.2	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	30.2	42.9	45.6	46.2	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	30.2	42.9	45.6	46.2	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	30.3	43.0	45.7	46.3	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	31.2	44.0	46.8	47.6	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	33.1	46.8	49.6	50.3	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	34.7	48.0	50.8	51.6	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	39.2	54.6	57.7	59.2	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	40.6	56.1	59.1	60.7	61.3	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	41.0	56.8	59.9	61.4	62.1	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	43.9	60.4	63.6	65.1	65.8	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	47.7	64.8	68.1	70.1	71.9	71.0	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	54.1	73.9	77.3	79.6	80.4	80.7	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	58.1	78.4	81.9	84.2	85.1	85.3	86.1	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	61.4	83.0	86.7	89.1	90.0	90.3	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	63.6	86.0	89.8	92.3	93.2	93.6	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	64.7	87.6	91.9	94.3	95.7	96.0	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	64.8	87.9	91.9	94.6	95.9	96.2	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	65.1	88.7	92.9	95.8	97.2	97.7	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	65.1	88.8	93.1	95.9	97.3	97.8	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	65.1	89.1	93.3	96.2	97.7	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	65.1	89.1	93.3	96.2	97.7	98.1	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	65.1	89.1	93.6	96.4	97.9	98.3	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE10	≥9 GE9	≥8 GE8	≥7 GE7	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	⅞ GE⅞	¾ GE¾	⅝ GE⅝	½ GE½
NO CEILING	22.8	33.7	37.6	39.8	41.4	41.4	41.1	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	29.9	41.2	45.4	48.3	49.0	49.0	49.7	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	29.2	41.8	46.1	49.0	49.7	49.7	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	29.2	41.8	46.1	49.0	49.7	49.7	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	29.2	42.0	46.2	49.2	49.9	49.9	50.6	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	29.9	42.7	46.9	49.9	50.6	50.6	51.2	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	31.9	45.1	49.9	53.2	53.9	53.9	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 9500	32.4	46.1	50.9	54.2	54.9	54.9	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	36.3	51.6	56.8	61.2	61.9	61.9	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	38.4	53.6	59.1	63.6	64.2	64.2	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000	38.6	53.7	59.1	63.9	64.6	64.6	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	41.3	57.2	63.0	67.9	68.6	68.6	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	46.2	63.6	69.4	74.4	75.2	75.3	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	49.2	68.2	74.8	79.8	80.9	81.0	82.6	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	52.2	72.6	79.3	84.4	85.7	85.8	87.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	55.4	77.0	84.2	89.4	90.8	90.9	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	56.3	78.2	85.4	91.1	92.4	92.6	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	56.6	79.4	86.8	92.9	94.3	94.4	96.0	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	56.6	79.6	86.9	93.1	94.6	94.7	96.2	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	57.1	80.1	87.6	94.0	95.6	95.7	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	57.3	80.3	87.8	94.2	95.8	95.9	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	57.3	80.3	88.0	94.6	96.1	96.2	98.4	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	57.3	80.3	88.0	94.8	96.3	96.4	98.7	99.0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.3	80.3	88.1	94.9	96.4	96.6	98.8	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	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

C35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-87 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT97	≥6 E090	≥5 GE87	≥4 GE60	≥3 GE48	≥2½ GE43	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥3/16 GE05	≥⅛ GE04	≥0 GE00
NO CEILING	27.8	40.8	45.3	49.0	50.4	51.1	51.1	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	30.3	43.9	48.6	52.2	53.9	54.4	54.7	55.3	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8
≥ 18000	30.6	44.2	48.9	52.6	54.2	54.8	55.0	55.7	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1
≥ 16000	30.6	44.2	48.9	52.6	54.2	54.8	55.1	55.7	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1
≥ 14000	30.6	44.2	48.9	52.6	54.2	54.8	55.1	55.7	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1
≥ 12000	31.0	44.7	49.3	53.1	54.7	55.2	55.4	56.1	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6
≥ 10000	32.1	46.4	51.3	55.6	57.2	57.8	58.1	59.0	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4
≥ 9000	32.8	46.9	51.8	56.0	57.6	58.3	58.9	59.9	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3
≥ 8000	35.8	50.6	56.4	61.6	63.8	64.3	65.0	66.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4	66.4
≥ 7000	36.3	51.3	57.3	62.6	64.8	65.3	66.1	67.0	67.1	67.2	67.2	67.4	67.4	67.4	67.4	67.4
≥ 6000	36.7	51.8	57.8	63.1	65.3	65.9	66.6	67.7	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1
≥ 5000	38.1	54.2	60.2	65.9	68.2	68.8	69.4	70.6	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0
≥ 4500	42.1	60.0	66.3	72.1	74.6	75.1	76.0	77.2	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7
≥ 4000	45.1	63.9	70.2	76.7	79.2	79.8	81.0	82.3	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9
≥ 3500	46.7	65.7	72.2	78.9	81.4	82.1	83.2	84.7	84.7	85.0	85.0	85.2	85.2	85.2	85.2	85.2
≥ 3000	49.4	69.4	76.3	83.0	85.6	86.1	87.3	88.8	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3
≥ 2500	50.2	71.1	78.0	84.8	87.4	88.0	89.4	90.9	90.9	91.3	91.3	91.6	91.6	91.6	91.6	91.6
≥ 2000	51.2	73.0	80.2	87.7	90.4	91.0	92.6	94.0	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7
≥ 1800	51.6	73.3	80.6	88.0	90.8	91.3	92.9	94.3	94.3	94.8	94.8	95.0	95.0	95.0	95.0	95.0
≥ 1500	52.3	74.3	81.9	89.6	92.3	92.9	94.4	95.9	95.9	96.3	96.3	96.6	96.6	96.6	96.6	96.6
≥ 1200	52.8	74.9	82.4	90.3	93.3	93.9	95.6	97.1	97.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8
≥ 1000	52.8	74.9	82.4	90.4	93.6	94.1	95.8	97.3	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1
≥ 900	53.0	75.1	82.7	90.8	93.9	94.4	96.1	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 800	53.4	75.6	83.1	91.3	94.4	95.0	96.7	98.2	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 700	53.4	75.6	83.2	91.4	94.6	95.1	96.9	98.4	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3
≥ 600	53.4	75.6	83.3	91.6	94.7	95.2	97.0	98.6	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 500	53.4	75.6	83.3	91.6	94.7	95.2	97.0	98.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 400	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	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

725831	LAKENHEATH RAF UK	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16) LT 1	≥6 (10) EQ 1	≥5 (8) GE 1	≥4 (6) GE 1	≥3 (4.8) GE 1	≥2 (4) GE 1	≥2 (3.2) GE 1	≥1 (2.4) GE 1	≥1 (2.0) GE 1	≥1 (1.6) GE 1	≥1 (1.2) GE 1	≥1 (1.0) GE 1	≥ (0.8) GE 1	≥ (0.5) GE 1	≥ (0.4) GE 1	≥ (0.2) GE 1
NO CEILING	32.4	32.2	35.1	38.2	39.4	39.8	40.6	41.1	41.1	41.5	41.6	41.8	41.9	42.1	42.1	42.6
≥ 20000	26.7	37.8	41.3	44.8	46.3	46.6	47.5	48.0	48.1	48.4	48.6	48.8	48.9	49.1	49.2	49.6
≥ 18000	26.9	38.2	41.7	45.2	46.6	47.0	47.9	48.4	48.4	48.8	49.0	49.2	49.2	49.5	49.6	50.0
≥ 16000	26.9	38.2	41.7	45.2	46.6	47.0	47.9	48.4	48.4	48.8	49.0	49.2	49.2	49.5	49.6	50.0
≥ 14000	26.9	38.3	41.7	45.3	46.7	47.0	47.9	48.4	48.5	48.9	49.0	49.2	49.3	49.5	49.6	50.1
≥ 12000	27.3	38.6	42.1	45.7	47.2	47.5	48.4	48.9	49.0	49.4	49.5	49.7	49.8	50.0	50.1	50.5
≥ 11000	28.6	40.5	44.2	48.0	49.5	49.9	50.9	51.3	51.4	51.8	51.9	52.1	52.2	52.5	52.6	53.0
≥ 10000	29.0	41.1	44.9	48.7	50.2	50.5	51.6	52.2	52.2	52.6	52.8	53.0	53.1	53.3	53.4	53.9
≥ 9000	32.3	45.2	49.5	53.9	55.6	56.1	57.3	58.0	58.1	58.5	58.6	58.8	58.9	59.2	59.3	59.7
≥ 8000	33.0	46.3	50.6	55.3	57.0	57.5	58.7	59.4	59.5	60.0	60.1	60.3	60.4	60.6	60.7	61.2
≥ 7000	33.3	46.7	51.1	55.8	57.6	58.1	59.3	60.1	60.2	60.6	60.7	60.9	61.0	61.3	61.4	61.8
≥ 6000	35.3	49.4	53.9	59.0	60.8	61.2	62.6	63.4	63.5	63.9	64.1	64.3	64.4	64.6	64.7	65.2
≥ 5000	39.1	54.3	59.1	64.5	66.4	66.9	68.4	69.2	69.4	69.8	70.0	70.2	70.3	70.5	70.6	71.1
≥ 4500	43.1	59.6	64.6	70.4	72.5	73.0	74.6	75.5	75.7	76.2	76.3	76.5	76.6	76.9	77.0	77.5
≥ 4000	45.8	63.2	68.4	74.5	76.6	77.1	78.8	79.8	79.9	80.5	80.6	80.8	80.9	81.2	81.3	81.8
≥ 3500	48.8	66.9	72.4	78.6	80.9	81.4	83.1	84.1	84.3	84.9	85.0	85.3	85.4	85.6	85.7	86.2
≥ 3000	51.3	69.4	75.1	81.4	83.8	84.3	86.1	87.1	87.3	87.9	88.1	88.3	88.4	88.6	88.7	89.2
≥ 2500	51.6	71.5	77.2	84.0	86.5	87.0	88.9	89.9	90.2	90.8	90.9	91.1	91.2	91.5	91.6	92.1
≥ 2000	51.8	71.8	77.5	84.5	86.9	87.5	89.4	90.4	90.6	91.2	91.4	91.6	91.7	91.9	92.0	92.5
≥ 1800	52.6	72.9	78.8	86.0	88.5	89.1	91.1	92.1	92.3	93.0	93.1	93.4	93.5	93.7	93.8	94.3
≥ 1500	53.1	73.7	79.8	87.1	89.7	90.3	92.4	93.5	93.8	94.4	94.6	94.8	95.0	95.2	95.3	95.8
≥ 1200	53.2	74.0	80.3	87.8	90.6	91.2	93.4	94.5	94.8	95.5	95.7	95.9	96.0	96.3	96.4	96.9
≥ 1000	53.2	74.1	80.3	87.8	90.7	91.3	93.5	94.6	94.9	95.7	95.9	96.1	96.2	96.4	96.5	97.0
≥ 900	53.3	74.2	80.5	88.2	91.1	91.7	93.9	95.1	95.4	96.2	96.4	96.6	96.7	97.0	97.1	97.6
≥ 800	53.3	74.2	80.7	88.5	91.5	92.1	94.3	95.5	95.8	96.6	96.8	97.1	97.2	97.4	97.5	98.0
≥ 700	53.4	74.3	80.8	88.7	91.7	92.3	94.6	95.8	96.1	96.9	97.1	97.4	97.5	97.7	97.8	98.3
≥ 600	53.4	74.3	80.8	88.9	91.9	92.5	94.8	96.1	96.4	97.3	97.5	97.8	97.9	98.1	98.2	98.7
≥ 500	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.2	96.6	97.5	97.7	98.0	98.2	98.4	98.5	99.0
≥ 400	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.7	99.2
≥ 300	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.8	99.4
≥ 200	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.8	99.7
≥ 100	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.7	98.9	100.0
≥ 0	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

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

75931 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT91	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	20.2	27.0	31.4	34.8	35.7	36.5	38.1	39.2	39.3	39.9	40.3	40.6	40.7	41.3	42.0	43.9
≥ 20000	23.0	30.3	35.0	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 18000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 16000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 14000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 12000	23.0	30.3	35.1	39.2	40.2	41.0	42.6	43.8	44.1	44.9	45.3	45.5	45.6	46.3	46.9	48.9
≥ 10000	23.7	31.4	36.1	40.2	41.3	42.1	43.7	44.9	45.2	46.0	46.4	46.6	46.7	47.4	48.0	49.9
≥ 9000	23.9	31.9	36.7	40.9	42.0	42.7	44.3	45.5	45.8	46.6	47.0	47.2	47.4	48.0	48.7	50.6
≥ 8000	25.2	34.1	38.9	43.5	44.7	45.4	47.1	48.3	48.7	49.4	49.8	50.1	50.2	50.8	51.5	53.4
≥ 7000	25.6	34.4	39.3	43.8	45.0	45.7	47.5	48.9	49.2	49.9	50.4	50.7	50.8	51.5	52.1	54.0
≥ 6000	25.9	34.7	39.6	44.1	45.3	46.1	47.8	49.2	49.5	50.3	50.7	51.0	51.1	51.8	52.4	54.4
≥ 5000	27.0	36.4	41.3	46.0	47.1	47.9	49.6	51.0	51.3	52.1	52.5	52.9	53.0	53.6	54.3	56.2
≥ 4500	30.4	41.7	47.1	52.5	53.7	54.5	56.3	57.8	58.1	59.1	59.7	60.0	60.1	60.7	61.4	63.4
≥ 4000	33.3	46.0	52.1	57.8	59.1	60.0	61.9	63.5	63.9	64.9	65.5	65.8	65.9	66.6	67.2	69.3
≥ 3500	34.7	48.2	54.5	60.4	61.8	62.7	64.7	66.3	66.7	67.7	68.3	68.6	68.7	69.4	70.0	72.1
≥ 3000	37.5	52.5	59.2	66.0	68.0	68.8	70.9	72.5	72.8	73.9	74.4	74.8	74.9	75.5	76.2	78.2
≥ 2500	38.0	53.2	60.0	67.5	69.7	70.6	73.1	74.8	75.1	76.2	76.7	77.0	77.1	77.8	78.4	80.6
≥ 2000	39.9	56.1	63.3	71.4	73.8	74.6	77.5	79.3	79.6	80.8	81.3	81.7	81.8	82.4	83.1	85.2
≥ 1800	39.9	56.2	63.4	71.6	74.0	74.9	78.2	80.0	80.4	81.6	82.1	82.4	82.5	83.2	83.8	86.0
≥ 1500	40.5	57.2	64.5	73.2	75.6	76.5	80.0	82.0	82.3	83.5	84.0	84.4	84.5	85.1	85.8	87.9
≥ 1200	41.3	58.4	66.1	75.0	77.9	78.7	82.5	84.6	85.0	86.3	86.9	87.4	87.5	88.1	88.8	90.9
≥ 1000	41.3	58.7	66.5	75.7	78.6	79.5	83.4	85.5	86.0	87.3	88.0	88.5	88.6	89.2	89.9	92.0
≥ 900	41.3	58.7	66.6	76.3	79.3	80.2	84.1	86.3	86.7	88.0	88.8	89.2	89.3	90.0	90.6	92.8
≥ 800	41.6	59.2	67.2	77.1	80.4	81.2	85.3	87.5	87.9	89.2	90.0	90.4	90.5	91.2	91.8	94.0
≥ 700	41.6	59.3	67.5	77.5	80.9	81.8	86.0	88.5	88.9	90.2	90.9	91.4	91.5	92.1	92.8	94.9
≥ 600	41.6	59.3	67.5	77.5	81.1	82.0	86.2	88.7	89.1	90.4	91.2	91.6	91.7	92.3	93.0	95.1
≥ 500	41.6	59.4	67.7	78.0	81.8	82.6	86.8	89.9	90.3	91.6	92.3	92.9	93.0	93.6	94.3	96.7
≥ 400	41.6	59.4	67.7	79.1	82.0	82.8	87.1	90.1	90.5	91.8	92.6	93.1	93.2	93.9	94.5	96.9
≥ 300	41.6	59.4	67.7	78.2	82.1	83.0	87.2	90.2	90.7	92.0	92.8	93.4	93.5	94.3	94.9	97.3
≥ 200	41.6	59.4	67.7	78.2	82.1	83.0	87.2	90.2	90.7	92.1	93.0	93.6	93.7	94.6	95.4	98.5
≥ 100	41.6	59.4	67.7	78.2	82.1	83.1	87.2	90.2	90.7	92.1	93.0	93.6	93.7	94.6	95.4	99.4
≥ 0	41.6	59.4	67.7	78.2	82.1	83.0	87.3	90.3	90.8	92.2	93.1	93.7	93.9	94.7	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-87 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9⅞	≥6 EQ9.0	≥5 GE8⅞	≥4 GE6.0	≥3 GE4.8	≥2 GE4.0	≥2 GE3.2	≥1¼ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥¾ GE1.2	≥½ GE1.0	≥½ GE0.8	≥3/16 GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	16.6	24.4	29.2	32.7	34.6	34.7	37.6	39.0	39.3	39.7	40.3	40.4	40.7	41.4	42.4	44.8
≥ 20000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 18000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 16000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 14000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 12000	17.9	25.9	29.8	35.0	37.1	37.2	40.4	41.9	42.2	42.6	43.2	43.4	43.7	44.5	45.4	47.8
≥ 10000	18.6	27.2	31.2	36.5	38.9	39.0	42.1	43.6	43.9	44.3	44.9	45.1	45.4	46.2	47.1	49.5
≥ 9000	19.6	27.2	31.3	36.8	39.2	39.3	42.4	43.9	44.2	44.8	45.3	45.5	45.9	46.6	47.6	49.9
≥ 8000	21.1	29.9	34.7	40.0	42.4	42.6	45.7	47.3	47.6	48.1	48.7	48.9	49.2	49.9	50.9	53.3
≥ 7000	21.6	30.5	34.8	40.8	43.2	43.4	46.5	48.0	48.3	48.9	49.4	49.6	49.9	50.7	51.7	54.0
≥ 6000	21.7	30.6	35.7	41.0	43.4	43.6	46.7	48.2	48.5	49.1	49.6	49.8	50.2	50.9	51.9	54.3
≥ 5000	23.0	31.9	36.3	42.5	45.1	45.3	48.5	50.1	50.4	50.9	51.5	51.7	52.0	52.7	53.7	56.1
≥ 4500	26.6	36.9	41.9	48.9	51.6	51.8	55.2	56.7	57.1	57.6	58.1	58.4	58.8	59.7	60.7	63.1
≥ 4000	29.1	40.9	46.4	54.4	57.1	57.3	60.9	62.4	62.8	63.5	64.0	64.4	64.7	65.7	66.6	69.0
≥ 3500	29.8	42.4	48.1	56.3	59.1	59.3	63.0	64.5	64.8	65.6	66.1	66.4	66.7	67.8	68.9	71.3
≥ 3000	31.5	45.4	51.7	60.2	63.5	63.8	67.6	69.1	69.4	70.2	70.7	71.0	71.4	72.4	73.5	75.9
≥ 2500	31.6	45.9	52.3	61.2	65.1	65.6	69.8	71.6	71.9	72.7	73.2	73.5	73.8	74.9	76.0	78.4
≥ 2000	33.5	48.9	55.7	66.1	70.1	70.5	74.7	76.6	77.3	78.0	78.6	78.9	79.2	80.3	81.4	83.7
≥ 1800	33.5	48.9	55.7	66.2	70.2	70.6	75.0	77.5	78.3	79.0	79.5	79.9	80.2	81.3	82.3	84.7
≥ 1500	34.2	49.8	56.9	67.7	71.9	72.3	76.7	79.2	80.0	80.7	81.3	81.6	81.9	83.0	84.1	86.4
≥ 1200	35.2	51.0	58.3	69.4	74.2	74.6	79.0	81.7	82.7	83.4	84.0	84.3	84.6	85.7	86.8	89.1
≥ 1000	35.5	51.5	58.8	70.0	74.7	75.1	79.9	82.6	83.5	84.5	85.1	85.5	85.8	86.9	87.9	90.3
≥ 900	35.5	51.5	58.8	70.1	74.8	75.2	80.0	83.0	84.0	84.9	85.7	86.0	86.3	87.4	88.5	90.9
≥ 800	35.5	51.6	59.1	71.2	75.9	76.3	81.1	84.2	85.1	86.1	86.9	87.2	87.5	88.6	89.7	92.0
≥ 700	35.5	51.6	59.5	71.9	76.6	77.1	81.9	85.1	86.1	87.1	87.8	88.2	88.5	89.6	90.6	93.0
≥ 600	35.5	51.6	59.6	72.0	76.9	77.3	82.2	85.6	86.5	87.5	88.3	88.7	89.0	90.1	91.2	93.5
≥ 500	35.5	51.9	60.0	72.6	77.5	77.9	83.1	86.5	87.5	88.5	89.3	89.8	90.2	91.3	92.4	94.9
≥ 400	35.5	51.9	60.0	72.6	77.6	78.0	83.4	86.9	87.8	88.8	89.8	90.2	90.6	91.7	92.8	95.4
≥ 300	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.5	88.5	89.6	90.5	91.1	91.5	92.6	93.6	96.2
≥ 200	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.1	94.2	97.3
≥ 100	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.2	94.4	99.0
≥ 0	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.3	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

[illegible] LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GT8	≥4 GE6	≥3 GT4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥ GE0	≥5/16 GE0	≥ GE0	≥0 GE0
UNL	11.3	16.5	18.6	22.8	24.6	24.8	25.9	27.3	27.6	28.1	28.8	29.0	29.1	29.7	30.8	32.0	
≥ 20000	13.9	19.3	22.0	27.5	29.5	29.7	31.7	32.7	33.1	33.9	34.8	35.1	35.3	36.2	37.2	38.6	
≥ 8000	14.1	19.4	22.1	27.6	29.6	29.8	31.1	32.8	33.2	34.2	35.0	35.3	35.6	36.2	37.4	38.8	
5000	14.1	19.5	22.2	27.7	29.8	30.1	31.4	33.0	33.4	34.4	35.2	35.6	35.8	36.4	37.6	39.0	
≥ 4000	14.1	19.5	22.2	27.7	29.8	30.1	31.4	33.0	33.4	34.4	35.2	35.6	35.8	36.4	37.6	39.0	
≥ 3000	14.1	19.5	22.2	27.7	29.8	30.1	31.4	33.0	33.4	34.4	35.2	35.6	35.8	36.4	37.6	39.0	
≥ 2500	15.2	21.2	24.2	29.7	32.2	32.4	33.9	35.6	36.1	37.0	37.8	38.1	38.4	39.1	40.2	41.6	
≥ 2000	15.8	22.4	25.5	31.1	33.6	33.8	35.2	37.0	37.4	38.4	39.2	39.5	39.8	40.4	41.6	43.0	
≥ 1800	18.3	25.0	28.4	34.6	37.5	37.7	39.2	40.9	41.4	42.6	43.5	43.9	44.1	44.8	46.0	47.4	
≥ 1500	19.3	26.5	30.3	36.6	39.5	39.8	41.3	43.0	43.4	44.7	45.7	46.0	46.2	47.0	48.2	49.6	
≥ 1200	19.6	26.9	30.8	37.3	40.3	40.5	42.1	43.8	44.2	45.5	46.4	46.8	47.1	47.7	48.9	50.3	
1000	20.7	28.2	32.4	39.0	42.2	42.6	44.2	45.9	46.3	47.6	48.6	49.0	49.2	50.1	51.3	52.7	
≥ 900	23.1	32.2	37.3	45.2	48.6	49.0	50.8	52.7	53.2	54.8	56.3	56.7	56.9	57.8	58.9	60.3	
≥ 800	25.3	35.1	40.8	50.6	54.1	54.6	56.4	58.5	59.1	61.0	62.4	62.8	63.0	63.9	65.1	66.5	
≥ 700	26.2	36.5	42.5	52.8	56.4	56.9	58.6	60.9	61.4	63.6	65.0	65.5	65.7	66.6	67.8	69.2	
≥ 600	27.4	38.5	44.7	55.6	59.5	60.0	62.1	64.3	65.1	67.1	68.5	69.1	69.3	70.2	71.3	72.7	
≥ 500	27.8	39.1	46.0	57.5	61.5	62.1	64.2	67.0	67.7	69.8	71.2	71.8	72.1	72.8	74.0	75.4	
≥ 400	28.8	40.4	47.5	59.4	63.5	64.5	67.2	70.7	71.4	73.6	75.0	75.6	75.9	76.8	78.2	79.4	
≥ 300	28.8	40.4	47.6	59.7	63.8	64.9	67.6	71.2	72.1	74.2	75.6	76.3	76.5	77.5	78.7	80.1	
≥ 200	29.5	42.1	49.5	62.0	66.3	67.3	70.2	74.2	75.2	77.6	79.0	79.6	79.8	80.8	82.0	83.4	
≥ 100	29.5	42.2	49.9	62.8	67.3	68.4	71.3	75.8	76.7	79.2	80.6	81.4	81.6	82.7	83.8	85.2	
≥ 0	29.8	42.7	50.5	63.8	68.6	69.7	72.6	77.0	78.0	80.5	81.9	82.8	83.0	84.1	85.2	86.6	
	29.8	42.7	50.8	64.0	69.2	70.4	73.3	77.8	78.9	81.5	82.9	83.8	84.1	85.1	86.3	87.7	
	30.0	43.0	51.1	64.7	69.9	71.1	74.1	79.7	79.8	82.5	83.9	84.9	85.1	86.3	87.5	88.9	
	30.0	43.0	51.1	65.0	70.5	71.9	75.0	79.8	81.0	84.3	85.7	86.7	87.0	88.1	89.3	90.7	
	30.0	43.0	51.1	65.2	70.9	72.3	75.4	80.4	81.7	84.9	86.3	87.4	87.6	88.8	90.0	91.4	
	30.0	43.0	51.1	65.5	71.3	72.8	76.2	81.3	82.5	85.9	87.6	88.8	89.1	90.3	91.5	92.9	
	30.0	43.0	51.1	65.6	71.4	73.0	76.5	81.7	83.0	86.3	88.3	89.4	90.0	91.2	92.3	93.8	
	30.0	43.0	51.1	65.6	71.6	73.1	76.7	81.9	83.3	87.0	89.0	90.3	90.8	92.1	93.3	94.8	
	30.0	43.0	51.1	65.6	71.6	73.1	76.9	82.1	83.5	87.3	89.4	90.7	91.3	93.0	94.2	96.9	
	30.1	43.1	51.2	65.7	71.7	73.2	77.0	82.2	83.6	87.4	89.5	90.9	91.5	93.2	94.5	98.8	
	30.1	43.1	51.2	65.7	71.7	73.2	77.0	82.2	83.6	87.4	89.5	90.9	91.6	93.4	94.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 928

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

35831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE3	≥4 GE2	≥3 GE2	≥2 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥ GE0	≥ 5/16 GE0	≥ GE0	≥0 GE0
NO CEILING	17.9	24.0	25.7	29.5	29.9	29.9	30.5	30.9	31.0	31.1	31.4	31.4	31.5	31.6	31.9	32.1
≥ 20000	22.4	29.7	32.0	37.7	38.1	38.3	39.0	39.6	40.0	40.5	40.9	40.9	41.0	41.3	41.5	41.7
≥ 18000	22.8	30.3	32.7	38.7	39.1	39.3	40.0	40.6	40.9	41.5	41.9	41.9	42.0	42.2	42.4	42.9
≥ 16000	22.8	30.3	32.7	38.7	39.1	39.3	40.0	40.6	40.9	41.5	41.9	41.9	42.0	42.2	42.4	42.9
≥ 14000	22.9	30.6	32.9	38.9	39.3	39.5	40.2	40.8	41.1	41.7	42.1	42.1	42.2	42.4	42.7	43.1
≥ 12000	22.9	30.7	33.0	39.0	39.4	39.6	40.3	40.9	41.3	41.8	42.2	42.2	42.3	42.5	42.8	43.2
≥ 10000	23.3	31.7	34.1	40.4	41.0	41.4	42.2	43.1	43.5	44.1	44.5	44.5	44.6	44.8	45.2	45.5
≥ 9000	24.4	33.0	35.5	42.0	42.7	43.0	43.8	44.7	45.1	45.7	46.1	46.1	46.2	46.4	46.7	47.1
≥ 8000	27.2	36.3	39.1	46.2	47.2	47.5	48.5	49.5	49.9	50.6	51.2	51.2	51.3	51.5	51.7	52.2
≥ 7000	28.1	37.8	40.9	48.3	49.2	49.6	50.5	51.5	51.9	52.8	53.3	53.3	53.5	53.7	53.9	54.3
≥ 6000	28.4	38.4	41.6	49.0	50.1	50.4	51.4	52.4	52.8	53.8	54.3	54.3	54.4	54.6	54.9	55.3
≥ 5000	30.1	40.8	44.3	52.1	53.3	53.7	54.6	55.6	56.0	57.0	57.6	57.6	57.7	57.9	58.1	58.6
≥ 4500	31.7	43.3	46.9	56.3	57.6	57.9	59.0	59.9	60.4	61.3	61.9	61.9	62.1	62.3	62.4	63.0
≥ 4000	33.8	46.8	51.1	61.9	63.6	64.1	65.3	66.7	67.3	68.3	68.8	68.8	68.9	69.1	69.3	69.9
≥ 3500	36.7	48.9	53.2	64.5	66.2	66.7	67.9	69.5	70.2	71.2	71.7	71.7	71.8	72.0	72.2	72.8
≥ 3000	38.1	52.1	56.7	68.5	70.5	71.1	72.4	74.1	74.7	75.7	76.2	76.2	76.3	76.6	76.8	77.3
≥ 2500	38.9	53.7	58.5	70.4	72.5	73.0	74.3	76.0	76.8	77.8	78.3	78.3	78.4	78.6	78.8	79.4
≥ 2000	39.6	55.9	61.0	73.7	76.0	76.6	78.3	80.2	81.1	82.1	82.6	82.6	82.7	82.9	83.2	83.7
≥ 1800	40.0	56.4	61.4	74.2	76.7	77.2	78.9	80.9	81.7	82.7	83.3	83.3	83.4	83.6	83.8	84.3
≥ 1500	40.7	57.5	63.1	76.5	79.0	79.8	81.5	83.6	84.4	85.6	86.2	86.2	86.3	86.5	86.7	87.3
≥ 1200	41.1	58.0	63.8	77.9	80.7	81.4	83.6	86.0	86.8	88.1	88.7	88.7	88.8	89.0	89.2	89.7
≥ 1000	41.3	58.1	63.9	78.5	81.6	82.5	84.7	87.1	88.0	89.4	90.2	90.2	90.3	90.5	90.7	91.3
≥ 900	41.3	58.2	64.3	78.8	82.0	82.8	85.0	87.5	88.6	90.0	90.7	90.7	90.8	91.0	91.3	91.8
≥ 800	41.3	58.2	64.5	79.0	82.2	83.0	85.3	88.0	89.1	90.5	91.3	91.3	91.4	91.6	91.8	92.3
≥ 700	41.3	58.3	64.6	79.6	82.9	83.8	86.2	89.0	90.2	91.7	92.4	92.4	92.5	92.8	93.0	93.5
≥ 600	41.3	58.3	64.9	79.9	83.4	84.2	86.7	89.5	90.7	92.5	93.5	93.5	93.6	93.8	94.1	94.6
≥ 500	41.3	58.3	65.0	80.3	83.8	84.7	87.3	90.1	91.5	93.4	94.4	94.4	94.5	94.7	94.9	95.5
≥ 400	41.3	58.3	65.0	80.5	84.0	85.0	87.6	90.4	92.0	94.1	95.2	95.4	95.6	95.8	96.0	96.5
≥ 300	41.3	58.3	65.1	80.5	84.1	85.1	87.7	90.5	92.3	94.5	95.7	96.0	96.4	97.0	97.3	97.8
≥ 200	41.3	58.3	65.1	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.2	96.7	97.2	97.6	98.6
≥ 100	41.3	58.3	65.1	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.2	96.7	97.6	98.3	99.7
≥ 0	41.3	58.3	65.0	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.3	96.8	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.00 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.1	≥6 5.0-9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2.0	≥1 GE1.6	≥⅞ GE1.4	≥¾ GE1.0	≥½ GE.80	≥⅜ GE.60	≥5/16 GE.50	≥¼ GE.40	≥0 GE.0
NO CEILING	17.5	23.4	24.6	26.0	26.6	26.6	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	25.3	32.5	33.8	35.6	36.2	36.2	37.1	37.3	37.3	37.3	37.4	37.4	37.4	37.5	37.5	37.5	37.5
≥ 18000	25.6	32.8	34.1	36.1	36.8	36.8	37.6	37.8	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1
≥ 16000	25.7	32.9	34.2	36.2	36.9	36.9	37.7	38.0	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 14000	26.1	33.3	34.6	36.7	37.3	37.3	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 12000	26.7	33.9	35.3	37.3	38.0	38.0	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2
≥ 10000	28.0	35.6	37.4	40.1	40.8	40.8	41.6	42.0	42.0	42.0	42.2	42.2	42.2	42.3	42.3	42.3	42.3
≥ 9000	28.9	36.7	38.5	41.3	41.9	41.9	42.8	43.2	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4
≥ 8000	31.2	40.0	42.2	45.3	45.9	46.1	47.1	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7
≥ 7000	32.1	41.7	44.1	47.2	47.8	48.2	49.1	49.6	49.6	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0
≥ 6000	32.6	42.3	44.5	47.8	48.5	48.8	49.8	50.2	50.2	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 5000	35.6	46.2	48.6	52.2	52.8	53.1	54.1	54.5	54.5	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9
≥ 4500	37.4	49.2	52.3	55.8	56.7	57.0	58.0	58.4	58.4	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 4000	42.6	56.1	59.2	63.4	64.5	64.8	65.8	66.3	66.3	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 3500	47.1	61.4	64.7	69.2	70.3	70.6	71.6	72.2	72.2	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 3000	50.1	66.2	69.7	74.8	75.9	76.2	77.2	77.7	77.7	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 2500	51.1	68.0	71.7	76.9	78.2	78.5	79.6	80.1	80.1	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 2000	53.8	71.9	76.6	82.4	84.3	84.7	86.1	86.9	86.9	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 1800	53.9	72.4	77.1	83.1	85.2	85.7	87.1	87.8	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1500	54.5	74.1	79.1	86.5	88.8	89.4	91.1	91.8	91.8	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 1200	54.6	74.4	79.6	87.5	90.0	90.5	92.5	93.2	93.2	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1000	54.7	74.6	80.2	88.6	91.1	91.7	93.8	94.5	94.5	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 900	54.7	74.7	80.3	88.7	91.2	91.8	93.9	94.6	94.6	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 800	54.7	74.7	80.3	88.8	91.4	92.0	94.2	95.1	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 700	54.7	74.9	80.5	89.4	91.9	92.8	95.4	96.2	96.2	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 600	54.7	74.9	80.5	89.7	92.3	93.2	96.2	97.2	97.2	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 500	54.7	74.9	80.5	90.0	92.6	93.5	96.6	97.7	97.7	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	54.7	74.9	80.5	90.0	92.7	93.7	96.7	97.8	98.0	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7
≥ 100	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7
≥ 0	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.7	≥6 EQ9.0	≥5 GE8.0	≥4 GE6.0	≥3 GE4.8	≥2½ GE4.0	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2.0	≥1 GE1.6	≥⅞ GE1.0	≥½ GE0.8	≥⅜ GE0.5	≥¼ GE0.4	≥0 GE0.0
NO CEILING	18.0	24.1	25.4	27.8	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 20000	24.8	31.8	33.7	37.0	37.6	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 18000	25.1	32.0	34.0	37.3	38.1	38.2	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 16000	25.2	32.4	34.3	37.6	38.4	38.5	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000	25.3	32.5	34.4	37.7	38.5	38.6	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 12000	26.1	33.8	35.8	39.4	40.1	40.2	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000	27.7	36.3	38.7	42.7	43.4	43.5	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5
≥ 9000	28.6	37.3	39.7	43.7	44.5	44.6	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6
≥ 8000	31.6	42.0	44.9	49.2	50.2	50.3	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	33.1	44.0	47.0	51.3	52.3	52.4	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥ 6000	33.3	44.4	47.4	51.7	52.7	52.8	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000	35.4	46.7	49.7	54.1	55.1	55.2	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500	39.1	51.3	54.8	59.5	60.5	60.6	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	43.7	57.3	61.6	67.1	68.3	68.5	69.1	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6
≥ 3500	46.9	62.9	68.1	74.2	75.4	75.6	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8
≥ 3000	50.2	67.1	72.7	79.4	80.8	81.0	81.8	82.0	82.2	82.5	82.6	82.6	82.6	82.6	82.6
≥ 2500	51.7	69.2	74.9	81.7	83.1	83.4	84.4	84.6	84.7	85.1	85.2	85.2	85.2	85.2	85.2
≥ 2000	54.3	72.6	79.1	86.6	88.5	88.8	90.2	90.5	90.6	91.0	91.1	91.1	91.1	91.1	91.1
≥ 1800	54.3	72.8	79.5	86.9	88.8	89.1	90.5	90.9	91.0	91.3	91.5	91.5	91.5	91.5	91.5
≥ 1500	54.3	73.1	80.1	88.3	90.6	91.0	92.5	93.0	93.1	93.4	93.8	93.8	93.8	93.8	93.8
≥ 1200	54.6	73.8	81.1	89.4	92.2	92.5	94.1	94.6	94.7	95.1	95.4	95.4	95.4	95.4	95.4
≥ 1000	54.6	73.9	81.4	89.8	92.8	93.3	94.9	95.5	95.6	95.9	96.2	96.2	96.2	96.2	96.2
≥ 900	54.6	74.0	81.6	90.0	93.0	93.5	95.4	96.0	96.1	96.5	96.8	96.8	96.8	96.8	96.8
≥ 800	54.6	74.3	81.7	90.1	93.1	93.8	95.6	96.2	96.3	96.7	97.0	97.0	97.0	97.0	97.0
≥ 700	54.6	74.1	81.9	90.5	93.7	94.3	96.2	97.0	97.1	97.4	97.7	97.7	97.7	97.7	97.7
≥ 600	54.6	74.1	81.9	91.0	94.2	94.9	96.9	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6
≥ 500	54.6	74.1	81.9	91.0	94.2	95.1	97.1	98.0	98.2	98.6	98.9	98.9	98.9	98.9	98.9
≥ 400	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4
≥ 300	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4
≥ 200	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.6	99.7
≥ 100	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.6	99.7
≥ 0	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 31 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) CCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 [illegible]-2200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9 1	≥6 GE9 0	≥5 GE8 0	≥4 GE6 0	≥3 GE4 8	≥2½ GE4 0	≥2 GE3 2	≥1½ GE2 4	≥1¼ GE2 0	≥1 GE1 6	≥¾ GE1 2	≥½ GE1 0	≥⅜ GE0 8	≥5/16 GE0 5	≥¼ GE0 4	≥0 GE0
NO CEILING	21.0	28.2	31.4	33.5	34.9	35.1	35.9	36.7	36.9	37.0	37.2	37.1	37.2	37.2	37.2	37.2
≥ 20000	24.2	32.2	36.2	38.9	40.4	40.5	41.6	42.6	42.8	43.0	43.1	43.2	43.3	43.3	43.3	43.4
≥ 18000	24.3	32.5	36.6	39.2	40.8	40.9	41.9	42.9	43.1	43.3	43.4	43.5	43.7	43.7	43.7	43.8
≥ 16000	24.3	32.7	36.8	39.5	41.1	41.1	42.2	43.1	43.3	43.5	43.7	43.8	43.9	43.9	43.9	44.0
≥ 14000	24.3	32.9	37.1	39.7	41.2	41.3	42.4	43.3	43.5	43.8	43.9	44.0	44.1	44.1	44.1	44.2
≥ 12000	24.6	33.3	37.4	40.3	41.8	41.9	43.1	44.0	44.2	44.4	44.5	44.6	44.7	44.7	44.7	44.8
≥ 10000	26.1	34.9	39.2	42.4	43.9	44.0	45.4	46.3	46.6	46.8	46.9	47.0	47.1	47.1	47.1	47.2
≥ 9000	26.5	35.5	39.8	42.9	44.4	44.5	45.9	46.9	47.1	47.3	47.4	47.5	47.6	47.6	47.6	47.7
≥ 8000	28.3	38.7	43.1	46.7	48.3	48.4	49.8	50.8	51.0	51.2	51.3	51.4	51.5	51.5	51.5	51.6
≥ 7000	29.1	40.0	44.4	48.0	49.7	49.8	51.2	52.2	52.4	52.6	52.7	52.8	52.9	52.9	52.9	53.1
≥ 6000	29.2	40.1	44.5	48.2	50.0	50.1	51.7	52.7	52.9	53.1	53.2	53.3	53.4	53.5	53.5	53.8
≥ 5000	31.9	43.1	47.8	51.5	53.5	53.7	55.3	56.2	56.5	56.7	56.8	56.9	57.0	57.1	57.1	57.3
≥ 4500	34.6	46.8	51.8	56.0	58.1	58.2	59.8	60.8	61.0	61.2	61.3	61.4	61.5	61.6	61.6	61.8
≥ 4000	39.2	53.3	58.9	64.1	66.3	66.5	68.2	69.1	69.4	69.8	69.9	70.0	70.1	70.2	70.2	70.4
≥ 3500	40.5	56.0	62.3	67.7	70.0	70.1	72.0	73.0	73.2	73.7	73.8	73.9	74.0	74.1	74.1	74.3
≥ 3000	43.4	60.1	67.2	73.1	75.6	75.7	77.7	78.7	78.9	79.8	79.9	80.0	80.1	80.2	80.2	80.4
≥ 2500	44.9	62.3	69.5	75.9	78.4	78.5	80.5	81.5	81.7	82.6	82.7	82.8	82.9	83.0	83.0	83.2
≥ 2000	47.4	65.4	72.7	80.0	83.0	83.3	85.8	86.9	87.1	88.1	88.2	88.3	88.4	88.5	88.5	88.7
≥ 1800	47.4	65.6	72.9	80.2	83.2	83.5	86.0	87.1	87.3	88.5	88.6	88.7	88.8	88.9	88.9	89.1
≥ 1500	48.1	67.1	74.6	82.3	85.3	85.8	88.5	89.9	90.1	91.3	91.4	91.5	91.6	91.7	91.7	91.9
≥ 1200	48.5	67.6	75.5	83.8	87.1	87.7	90.9	92.3	92.5	93.8	93.9	94.0	94.1	94.3	94.3	94.5
≥ 1000	48.8	68.0	75.9	84.3	87.6	88.3	91.4	92.8	93.0	94.3	94.4	94.5	94.6	94.8	94.8	95.1
≥ 900	48.8	68.0	75.9	84.4	87.7	88.4	91.5	93.2	93.4	94.7	94.8	94.9	95.1	95.3	95.3	95.5
≥ 800	48.9	68.1	76.1	84.7	88.2	88.8	91.9	93.7	93.9	95.2	95.3	95.4	95.5	95.7	95.7	95.9
≥ 700	48.9	68.3	76.5	85.1	88.6	89.2	92.5	94.5	94.7	96.0	96.1	96.2	96.3	96.6	96.6	96.8
≥ 600	48.9	68.4	76.7	85.4	88.9	89.6	92.8	94.9	95.2	96.5	96.6	96.7	96.8	97.0	97.0	97.2
≥ 500	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.0	96.3	97.8	98.0	98.1	98.2	98.4	98.4	98.6
≥ 400	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.7	98.7	98.9
≥ 300	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.7	98.7	98.9
≥ 200	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥ 100	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥ 0	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK [illegible] OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2300
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 GT9	≥9 EQ9	≥8 GE8	≥7 GE6	≥6 GE5	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE1	≥1½ GE1	≥1¼ GE1	≥1 GE0	≥¾ GE0	≥½ GE0	≥¼ GE0	≥0 GE0
NO CEILING	23.5	30.6	33.0	36.7	37.7	38.1	38.9	40.2	40.5	41.5	42.0	42.2	42.4	42.8	42.9	43.5	
≥ 20000	25.7	33.3	36.1	39.9	41.0	41.3	42.3	43.7	44.1	45.5	46.0	46.1	46.5	47.0	47.1	47.8	
≥ 18000	25.8	33.4	36.2	40.0	41.1	41.4	42.4	43.8	44.1	45.6	46.1	46.2	46.6	47.1	47.2	48.0	
≥ 16000	25.8	33.4	36.2	40.0	41.1	41.4	42.4	43.8	44.1	45.6	46.1	46.2	46.6	47.1	47.2	48.0	
≥ 14000	25.8	33.5	36.3	40.1	41.2	41.5	42.5	43.9	44.2	45.7	46.2	46.3	46.7	47.2	47.3	48.1	
≥ 12000	25.8	33.7	36.6	40.4	41.5	41.8	42.8	44.2	44.5	46.0	46.6	46.7	47.0	47.5	47.6	48.4	
≥ 10000	27.3	35.7	38.6	42.5	43.5	43.9	44.8	46.2	46.6	48.1	48.7	48.8	49.1	49.7	49.8	50.5	
≥ 9000	27.7	37.1	40.3	44.2	45.3	45.6	46.6	48.0	48.3	49.8	50.4	50.5	50.9	51.4	51.5	52.3	
≥ 8000	28.5	39.1	42.5	46.9	48.1	48.4	49.5	50.9	51.2	52.7	53.3	53.4	53.8	54.3	54.4	55.2	
≥ 7000	29.1	39.8	43.3	47.8	49.0	49.4	50.4	51.8	52.2	53.7	54.4	54.6	54.9	55.8	55.9	56.8	
≥ 6000	29.9	40.5	44.1	48.9	50.1	50.4	51.5	52.9	53.2	54.7	55.5	55.7	56.0	56.9	57.0	57.8	
≥ 5000	31.5	42.5	46.0	51.0	52.2	52.5	53.5	54.9	55.3	56.8	57.5	57.7	58.1	58.9	59.0	59.9	
≥ 4500	33.3	45.6	49.2	54.7	55.9	56.2	57.3	58.7	59.0	60.5	61.3	61.5	61.8	62.7	62.8	63.7	
≥ 4000	37.1	50.6	54.7	61.1	62.3	62.6	63.7	65.1	65.4	67.1	67.8	68.1	68.5	69.4	69.5	70.3	
≥ 3500	38.5	53.3	57.5	64.4	65.6	65.9	67.2	68.6	68.9	70.6	71.5	71.7	72.2	73.0	73.1	74.0	
≥ 3000	41.1	56.5	61.2	68.6	70.0	70.3	71.6	73.0	73.4	75.2	76.0	76.2	76.7	77.5	77.6	78.5	
≥ 2500	41.7	57.7	62.6	70.6	72.3	72.7	74.3	75.7	76.1	77.8	78.7	78.9	79.4	80.2	80.3	81.2	
≥ 2000	43.8	61.1	66.2	75.2	77.3	77.7	79.6	81.1	81.6	83.3	84.2	84.4	84.8	85.7	85.8	86.7	
≥ 1800	43.8	61.3	66.5	75.4	77.7	78.2	80.0	81.6	82.2	83.9	84.7	84.9	85.4	86.2	86.3	87.2	
≥ 1500	44.6	62.5	67.7	76.8	79.4	79.8	81.9	83.7	84.3	86.0	86.9	87.1	87.5	88.4	88.5	89.4	
≥ 1200	45.3	63.7	69.4	78.5	81.3	81.7	84.0	85.8	86.3	88.3	89.1	89.4	89.8	90.6	90.8	91.6	
≥ 1000	45.4	64.2	70.2	79.4	82.2	82.7	84.9	86.9	87.5	89.5	90.3	90.5	91.0	91.8	91.9	92.8	
≥ 900	45.4	64.2	70.2	79.6	82.5	83.0	85.4	87.7	88.4	90.3	91.2	91.4	91.8	92.7	92.8	93.7	
≥ 800	45.5	64.4	70.4	79.9	82.8	83.3	85.7	88.2	88.8	91.2	92.0	92.3	92.7	93.5	93.7	94.5	
≥ 700	45.7	64.7	70.8	80.3	83.3	83.9	86.2	89.0	89.7	92.0	92.9	93.1	93.5	94.4	94.5	95.4	
≥ 600	45.7	64.7	70.8	80.5	83.9	84.4	87.2	90.0	90.6	93.1	94.0	94.2	94.6	95.5	95.6	96.5	
≥ 500	45.9	64.9	71.0	81.1	84.7	85.4	88.3	91.2	91.8	94.3	95.2	95.4	95.9	96.8	96.9	97.8	
≥ 400	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3	
≥ 300	45.9	64.9	71.1	81.3	84.9	85.6	88.6	91.6	92.4	94.8	95.7	95.9	96.5	97.4	97.6	98.6	
≥ 200	45.9	64.9	71.1	81.3	84.9	85.6	88.6	91.6	92.4	94.8	95.7	96.0	96.6	97.6	98.0	99.4	
≥ 100	45.9	64.9	71.1	81.3	84.9	85.6	88.6	91.6	92.4	94.8	95.7	96.0	96.6	97.6	98.0	99.5	
≥ 0	45.9	64.9	71.1	81.3	84.9	85.6	88.6	91.6	92.4	94.8	95.7	96.0	96.6	97.6	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS [illegible]93[illegible]

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

03831 LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE3	≥4 GE2	≥3 GE2	≥2½ GE2	≥2 GE1	≥1½ GE1	≥1 GE1	≥¾ GE8	≥½ GE5	≥¼ GE4	≥0 GE0
NO CEILING	18.3	24.9	27.3	31.5	31.5	31.7	32.9	33.6	33.9	34.1	34.5	34.5	34.7	35.0	35.4	36.2
≥ 20000	22.1	29.4	32.3	36.3	37.5	37.7	39.1	39.9	40.2	40.7	41.1	41.2	41.4	41.7	42.1	43.0
≥ 18000	22.3	29.6	32.6	36.6	37.8	38.0	39.3	40.3	40.5	41.1	41.4	41.6	41.7	42.1	42.5	43.3
≥ 16000	22.3	29.7	32.7	36.7	37.9	38.1	39.4	40.4	40.6	41.2	41.5	41.7	41.8	42.2	42.6	43.4
≥ 14000	22.4	29.8	32.8	36.9	38.0	38.3	39.5	40.5	40.8	41.3	41.7	41.8	42.0	42.3	42.7	43.6
≥ 12000	22.6	30.1	33.1	37.3	38.5	38.7	40.0	41.0	41.2	41.8	42.1	42.3	42.4	42.8	43.2	44.0
≥ 10000	23.8	31.8	35.1	39.3	40.6	40.9	42.2	43.3	43.5	44.1	44.5	44.6	44.8	45.1	45.5	46.4
≥ 9000	24.3	32.7	35.9	40.4	41.7	41.9	43.3	44.3	44.6	45.2	45.6	45.7	45.8	46.2	46.6	47.5
≥ 8000	26.4	35.7	39.2	44.1	45.5	45.8	47.2	48.3	48.5	49.2	49.6	49.7	49.9	50.2	50.6	51.5
≥ 7000	27.2	36.8	40.5	45.5	47.0	47.3	48.7	49.8	50.1	50.7	51.1	51.3	51.4	51.9	52.2	53.1
≥ 6000	27.6	37.3	40.9	46.0	47.6	47.8	49.3	50.4	50.6	51.3	51.8	51.9	52.1	52.5	52.9	53.8
≥ 5000	29.4	39.5	43.3	48.5	50.2	50.5	52.1	53.2	53.3	54.0	54.4	54.6	54.7	55.2	55.6	56.5
≥ 4500	31.9	43.4	47.7	53.6	55.3	55.7	57.2	58.3	58.6	59.4	59.9	60.0	60.2	60.6	61.0	62.0
≥ 4000	35.5	48.3	53.1	60.1	61.9	62.3	63.9	65.1	65.4	66.3	66.8	67.0	67.2	67.6	68.0	69.2
≥ 3500	37.5	51.2	56.4	63.7	65.6	66.0	67.7	68.9	69.2	70.2	70.7	70.9	71.0	71.5	71.9	72.9
≥ 3000	39.9	54.8	60.4	68.3	70.5	70.9	72.7	73.9	74.3	75.3	75.8	76.0	76.2	76.7	77.1	78.2
≥ 2500	40.7	56.1	62.1	70.2	72.6	73.0	75.1	76.4	76.8	77.8	78.3	78.5	78.7	79.2	79.6	80.5
≥ 2000	42.6	59.0	65.3	74.3	77.1	77.6	79.9	81.5	82.1	83.2	83.5	83.7	83.9	84.4	84.8	85.7
≥ 1800	42.7	59.2	65.5	74.7	77.5	78.0	80.4	82.1	82.6	83.7	84.2	84.4	84.6	85.1	85.5	86.4
≥ 1600	43.3	60.4	66.9	76.6	79.6	80.2	82.8	84.7	85.2	86.3	86.9	87.1	87.2	[illegible]7	88.1	89.1
≥ 1400	43.8	61.1	68.1	78.0	81.3	82.0	84.7	86.7	87.3	88.5	89.0	89.3	89.4	[illegible]	[illegible]7.4	[illegible].3
≥ 1200	43.9	61.5	68.4	78.8	82.2	82.9	85.7	87.8	88.3	89.5	90.2	90.4	90.6	91	91.5	.4
≥ 1000	43.9	61.5	68.6	79.0	82.5	83.2	86.1	88.3	88.8	90.1	90.8	91.0	91.2	91.7	92.1	[illegible].0
≥ 900	44.0	61.7	68.8	79.4	83.0	83.7	86.7	88.9	89.5	90.8	91.5	91.7	91.9	92.4	92.9	.8
≥ 800	44.1	61.8	69.1	79.9	83.6	84.3	87.4	89.9	90.5	91.9	92.6	92.8	93.1	93.5	93.	4.9
≥ 700	44.1	61.8	69.1	80.1	83.9	84.8	88.0	90.5	91.1	92.6	93.3	93.6	93.7	94.3	94.7	95.6
≥ 600	44.1	61.9	69.3	80.6	84.4	85.3	88.7	91.3	92.1	93.5	94.3	94.6	94.8	95.3	95.7	96.7
≥ 500	44.1	61.9	69.3	80.6	84.6	85.4	88.9	91.6	92.3	93.9	94.7	95.0	95.3	95.8	96.2	97.3
≥ 400	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.7	92.5	94.2	95.1	95.5	95.7	96.4	96.8	97.8
≥ 300	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.6	95.9	96.7	97.2	98.6
≥ 200	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.7	95.9	96.8	97.3	99.4
≥ 100	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.7	96.0	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 ≥16	≥7 ≥11	≥6 ≥9	≥5 ≥8	≥4 ≥6	≥3 ½ ≥5	≥3 ≥4	≥2 ½ ≥4	≥2 ≥3	≥1 ½ ≥2	≥1 ¼ ≥2	≥1 ≥1 ½	≥¾ ≥1 ¼	≥½ ≥1	≥¼ ≥½	≥0 <¼	
CLR	27.8	33.0	35.4	39.2	40.2	40.3	41.7	42.6	43.2	43.8	43.9	43.9	44.3	44.4	44.5	45.5	
22000	29.7	35.5	38.2	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.8	46.8	47.2	47.4	47.6	48.6	
18000	29.7	35.5	38.2	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.8	46.8	47.2	47.4	47.6	48.6	
16000	29.7	35.5	38.2	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.8	46.8	47.2	47.4	47.6	48.6	
14000	30.0	35.7	38.2	42.2	43.4	43.5	44.8	45.7	46.4	47.0	47.1	47.1	47.4	47.6	47.9	48.9	
12000	30.0	35.7	38.2	42.2	43.4	43.5	44.8	45.7	46.4	47.0	47.1	47.1	47.4	47.6	47.9	48.9	
10000	30.9	36.6	39.1	43.2	44.4	44.6	46.2	47.2	48.0	48.5	49.6	49.8	49.1	49.3	49.5	50.6	
9000	31.2	37.3	40.2	44.4	45.6	45.8	47.4	48.4	49.2	49.8	49.9	50.0	50.3	50.5	50.8	51.9	
8000	33.7	40.5	43.7	48.0	49.4	49.7	51.2	52.3	53.0	53.6	53.7	53.8	54.2	54.4	54.6	55.6	
7000	34.5	42.3	45.8	49.5	51.0	51.2	52.8	54.1	54.8	55.4	55.5	55.6	56.0	56.2	56.4	57.4	
6000	34.8	42.3	45.6	49.9	51.4	51.6	53.2	54.4	55.2	55.7	55.9	56.0	56.4	56.5	56.8	57.8	
5000	36.8	44.7	48.0	52.6	54.2	54.4	56.1	57.3	58.1	58.7	58.8	58.9	59.2	59.5	59.7	60.7	
4500	42.7	50.5	54.8	60.1	61.9	62.2	63.9	65.1	65.9	66.4	66.6	66.7	67.1	67.2	67.5	68.5	
4000	45.1	53.9	58.8	64.8	66.6	66.9	68.7	70.0	70.8	71.4	71.5	71.6	72.0	72.2	72.4	73.4	
3500	48.1	57.3	62.3	68.5	70.3	70.6	72.4	73.9	74.7	75.2	75.3	75.5	75.8	76.0	76.2	77.3	
3000	50.3	60.1	65.2	72.0	73.9	74.3	76.1	77.7	78.5	79.1	79.2	79.3	79.6	79.8	80.1	81.1	
2500	52.3	62.3	67.5	74.3	76.2	76.7	78.5	80.1	80.9	81.4	81.5	81.6	82.0	82.2	82.4	83.4	
2200	55.1	65.7	71.1	78.4	80.4	80.9	82.9	84.7	85.5	86.0	86.1	86.3	86.6	86.8	87.0	88.1	
2000	55.1	65.7	71.1	79.5	80.5	81.0	83.1	85.0	85.8	86.4	86.5	86.6	86.9	87.2	87.4	88.4	
1800	55.7	66.4	72.1	79.5	81.5	82.0	84.2	86.1	86.9	87.5	87.6	87.7	88.1	88.3	88.5	89.5	
1600	56.8	67.9	73.6	81.4	83.4	83.9	86.1	88.1	88.9	89.4	89.5	89.6	90.0	90.2	90.4	91.4	
1400	57.2	68.7	74.5	82.3	84.3	84.9	87.2	89.2	90.0	90.5	90.7	90.8	91.1	91.3	91.6	92.6	
1200	57.3	68.8	74.7	82.7	84.7	85.2	87.5	89.5	90.3	90.9	91.1	91.1	91.4	91.7	91.9	92.9	
1000	57.3	68.8	74.8	83.0	85.0	85.6	88.0	90.0	90.8	91.6	91.7	91.8	92.1	92.3	92.6	93.6	
900	57.4	68.9	74.9	83.7	85.7	86.3	88.6	90.7	91.4	92.2	92.3	92.5	92.8	93.0	93.2	94.3	
800	57.5	69.0	75.2	84.1	86.3	86.8	89.4	91.6	92.3	93.2	93.4	93.5	93.8	94.0	94.3	95.3	
700	57.5	69.0	75.2	84.1	86.3	86.8	89.6	91.8	92.6	93.7	93.8	93.9	94.3	94.5	94.7	95.7	
600	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.0	93.0	94.5	94.7	94.8	95.2	95.4	95.6	96.6	
500	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.7	94.9	95.0	95.4	95.7	95.9	97.0	
400	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.6	96.3	96.5	98.3	
300	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.7	96.4	96.6	99.4	
200	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.7	96.4	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 888

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72271 LAKENHEATH RAF UK 73-82 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 GT9	≥9 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1¼ GE1	≥1 GE1	¾ GE1	½ GE0	⅜ GE0	¼ GE0
NO CEILING	23.9	28.8	31.6	34.8	35.9	36.5	38.1	38.7	38.9	39.0	39.5	39.6	39.6	39.8	40.5	42.0
≥ 20000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5
≥ 8000	26.7	32.3	35.1	38.3	39.4	40.1	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5
≥ 6000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5
≥ 4500	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5
≥ 3000	26.3	32.5	35.4	38.5	39.6	40.2	41.7	42.5	42.6	42.7	43.2	43.4	43.4	43.5	44.3	45.7
≥ 2500	27.6	33.6	36.4	39.8	41.0	41.6	43.1	43.8	43.9	44.0	44.6	44.7	44.7	44.8	45.6	47.1
≥ 2000	28.1	34.3	37.3	40.8	42.2	42.8	44.3	45.0	45.2	45.3	45.8	45.9	45.9	46.1	46.8	48.2
≥ 1800	30.3	36.7	40.0	43.5	45.0	45.6	47.1	47.9	48.0	48.1	48.6	48.8	48.8	48.9	49.7	51.1
≥ 1500	30.9	37.5	40.9	44.6	46.2	46.7	48.2	49.1	49.2	49.3	49.9	50.0	50.0	50.1	50.9	52.4
≥ 1000	31.3	38.2	41.6	45.3	46.8	47.4	49.1	49.9	50.0	50.1	50.7	50.8	50.8	50.9	51.7	53.2
≥ 900	33.2	40.5	44.0	47.7	49.4	50.0	51.9	52.8	53.0	53.2	53.7	53.8	53.8	53.9	54.7	56.2
≥ 800	37.7	45.2	49.0	53.9	55.7	56.3	58.3	59.2	59.5	59.6	60.1	60.2	60.2	60.4	61.1	62.7
≥ 700	43.0	51.4	56.3	62.3	64.3	64.9	66.9	68.0	68.4	68.6	69.3	69.4	69.4	69.5	70.3	71.8
≥ 600	44.3	52.8	58.0	64.2	66.2	66.8	68.9	69.9	70.3	70.5	71.2	71.3	71.3	71.4	72.2	73.8
≥ 500	46.7	56.2	61.4	68.6	70.6	71.2	73.2	74.4	74.9	75.1	75.8	75.9	75.9	76.1	76.8	78.4
≥ 450	48.4	57.9	63.1	70.8	72.9	73.4	75.5	76.7	77.1	77.5	78.2	78.3	78.3	78.4	79.2	80.7
≥ 400	51.4	61.1	66.3	74.9	77.0	77.7	80.0	81.3	81.8	82.1	82.8	82.9	82.9	83.0	83.8	85.4
≥ 350	51.5	61.7	66.9	75.9	78.0	78.7	81.1	82.4	82.9	83.2	83.9	84.0	84.0	84.1	84.9	86.5
≥ 300	53.6	64.2	69.9	79.3	81.4	82.1	84.5	85.8	86.3	86.6	87.3	87.4	87.4	87.5	88.3	89.9
≥ 250	55.1	66.2	72.1	81.5	83.7	84.5	86.8	88.2	88.6	89.0	89.6	89.8	89.8	89.9	90.7	92.2
≥ 200	55.3	66.6	72.4	82.0	84.1	84.9	87.3	88.6	89.1	89.4	90.1	90.2	90.2	90.3	91.1	92.7
≥ 150	55.3	66.6	72.4	82.0	84.1	84.9	87.3	88.6	89.1	89.4	90.1	90.2	90.2	90.3	91.1	92.7
≥ 100	55.6	67.1	73.1	82.5	84.7	85.5	87.8	89.2	89.6	90.0	90.7	90.8	90.8	90.9	91.7	93.2
≥ 70	55.6	67.2	73.1	83.1	85.2	86.0	88.4	89.8	90.2	90.5	91.2	91.3	91.3	91.4	92.2	93.8
≥ 60	56.0	67.6	73.4	83.3	85.8	86.6	89.1	90.4	90.9	91.2	91.9	92.0	92.0	92.1	92.9	94.5
≥ 50	56.0	67.6	73.4	83.3	85.9	86.7	89.2	90.9	91.3	91.7	92.3	92.5	92.5	92.6	93.4	94.9
≥ 40	56.1	67.6	73.4	83.6	86.1	87.0	89.9	91.4	91.9	92.2	92.9	93.0	93.0	93.1	93.9	95.5
≥ 30	56.1	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	93.8	93.9	93.9	94.3	95.1	96.6
≥ 20	56.1	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	93.9	94.0	94.0	94.5	95.4	97.4
≥ 10	56.1	67.6	73.4	83.6	86.1	87.1	90.1	91.7	92.2	92.9	94.0	94.4	94.4	95.0	96.2	99.1
0	56.0	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	94.0	94.4	94.4	95.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 888

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

EGUL | LAKENHEATH RAF UK | 73-82 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE1	≥1½ GE1	≥1 GE1	≥¾ GE0	≥½ GE0	≥¼ GE0	<¼ GE0
NO CEILING	17.6	22.6	24.1	28.2	28.4	28.6	29.5	30.6	30.7	31.2	31.2	31.4	31.4	31.9	32.3	33.4
≥ 20000	19.5	25.9	27.6	31.8	32.3	32.5	33.6	34.8	34.9	35.1	35.5	35.6	35.6	36.2	36.6	37.8
≥ 18000	19.5	25.9	27.6	31.8	32.3	32.5	33.6	34.8	34.9	35.1	35.5	35.6	35.6	36.-	36.6	37.8
≥ 16000	19.6	26.0	27.7	31.9	32.4	32.7	33.7	34.9	35.0	35.2	35.6	35.7	35.7	36.1	36.7	38.-
≥ 14000	19.7	26.1	27.8	32.0	32.5	32.8	33.8	35.0	35.1	35.4	35.7	35.8	35.8	36.3	36.8	38.1
≥ 12000	19.7	26.1	27.8	32.0	32.5	32.8	33.9	35.0	35.1	35.4	35.7	35.8	35.8	36.3	36.8	38.1
≥ 10000	21.1	27.8	29.8	34.3	35.0	35.2	36.5	37.7	37.8	38.1	38.4	38.5	38.5	39.-	39.5	41.8
≥ 9000	22.4	29.5	31.4	35.9	36.7	36.9	38.2	39.4	39.5	39.8	40.1	40.2	40.2	40.7	41.2	42.6
≥ 8000	25.8	33.0	35.6	40.4	41.4	41.7	43.0	44.3	44.5	44.7	45.0	45.2	45.2	45.6	46.2	47.5
≥ 7000	26.7	34.0	36.6	41.4	42.5	42.7	44.0	45.3	45.5	45.7	46.1	46.2	46.2	46.6	47.2	48.5
≥ 6000	26.9	34.3	37.0	41.9	42.9	43.1	44.5	45.8	46.1	46.3	46.6	46.7	46.7	47.2	47.7	49.1
≥ 5000	29.7	37.5	40.4	45.6	46.8	47.1	48.6	50.0	50.3	50.6	50.9	51.0	51.0	51.5	52.0	53.4
≥ 4500	34.6	42.6	46.2	52.0	53.4	53.6	55.3	56.6	57.0	57.2	57.5	57.7	57.7	58.1	58.7	60.0
≥ 4000	41.7	50.8	54.5	60.9	62.5	62.7	64.4	65.9	66.3	66.7	67.0	67.1	67.1	67.6	68.1	69.5
≥ 3500	43.9	53.6	57.5	64.5	66.2	66.4	68.1	69.6	70.0	70.4	70.7	70.8	70.8	71.3	71.8	73.2
≥ 3000	45.4	55.4	59.6	67.1	68.9	69.1	71.1	72.5	73.-	73.3	73.6	73.8	73.8	74.2	74.8	76.1
≥ 2500	46.7	56.8	61.0	68.8	70.8	71.1	73.1	74.7	75.1	75.7	76.-	76.1	76.1	76.6	77.1	78.5
≥ 2000	48.4	58.8	63.3	72.0	74.2	74.4	76.8	78.7	79.2	80.0	80.4	80.5	80.6	81.1	81.6	83.-
≥ 1800	49.2	59.7	64.2	73.3	75.6	75.8	78.2	80.1	80.5	81.3	81.8	81.9	82.0	82.4	83.-	84.3
≥ 1500	51.1	62.0	66.8	76.2	78.6	79.1	81.5	83.6	84.0	84.8	85.2	85.4	85.5	85.9	86.5	87.8
≥ 1200	52.1	63.5	68.6	78.2	80.6	81.3	83.9	86.1	86.6	87.4	87.8	88.0	88.1	88.5	89.1	90.4
≥ 1000	52.1	63.5	68.8	78.5	81.1	81.8	84.5	86.7	87.2	88.0	88.4	88.6	88.7	89.2	89.8	91.1
≥ 900	52.1	63.6	69.0	78.8	81.4	82.1	85.0	87.4	87.8	88.6	89.1	89.3	89.4	89.9	90.4	91.8
≥ 800	52.1	63.6	69.1	78.9	81.6	82.3	85.2	87.6	88.1	88.9	89.3	89.5	89.6	90.1	90.7	92.0
≥ 700	52.1	63.6	69.1	79.4	82.1	83.0	86.0	88.5	89.0	89.8	90.2	90.4	90.5	91.0	91.6	92.9
≥ 600	52.1	63.6	69.3	79.7	82.4	83.3	86.4	89.3	89.8	90.5	91.0	91.2	91.3	91.8	92.3	93.7
≥ 500	52.1	63.6	69.3	79.8	82.7	83.7	86.7	89.8	90.2	91.6	92.0	92.2	92.3	92.8	93.4	94.7
≥ 400	52.1	63.6	69.3	80.0	82.8	83.8	86.9	90.1	90.8	92.2	92.7	92.9	93.0	93.5	94.2	95.5
≥ 300	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.6	93.2	93.7	93.9	94.4	94.9	96.6
≥ 200	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.0	94.6	95.6	97.6
≥ 100	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.1	94.7	96.1	99.0
≥ 0	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.1	94.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 888

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

75831 LAKENHEATH RAF UK 73-80 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2100
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9Q	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥ GE1	≥ GE1	≥5/16 GE1	≥ GE0	≥ GE0	≥0 GE0
NO CEILING	17.6	21.6	22.7	25.9	27.1	27.3	27.8	28.8	28.9	28.9	29.1	29.3	29.5	29.6	29.8	30.4
≥ 20000	22.3	27.5	28.9	32.8	34.1	34.2	34.9	36.0	36.1	36.1	36.3	36.6	36.8	36.9	37.2	37.7
≥ 18000	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 16000	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 14000	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 12000	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 10000	24.1	29.6	31.1	35.1	36.5	36.6	37.5	38.7	38.9	38.9	39.1	39.3	39.5	39.6	39.9	40.4
≥ 9000	24.8	30.3	31.9	35.8	37.3	37.4	38.3	39.5	39.6	39.6	39.8	40.1	40.3	40.4	40.7	41.3
≥ 8000	28.4	34.7	36.4	40.9	42.6	42.7	44.1	45.5	45.7	45.7	45.8	46.2	46.4	46.5	46.7	47.4
≥ 7000	29.6	36.1	37.9	42.5	44.1	44.3	45.7	47.2	47.4	47.4	47.5	47.9	48.1	48.2	48.4	49.1
≥ 6000	30.3	36.7	38.5	43.1	44.8	44.9	46.4	47.9	48.1	48.2	48.3	48.6	48.9	49.0	49.2	49.9
≥ 5000	31.6	38.7	40.9	45.6	47.4	47.5	49.1	50.6	50.8	51.0	51.1	51.6	51.8	51.9	52.3	52.9
≥ 4500	36.9	44.5	47.1	52.8	54.8	55.0	56.8	58.2	58.4	58.7	58.8	59.2	59.5	59.6	59.9	60.6
≥ 4000	40.9	49.5	52.4	58.6	60.7	60.8	62.7	64.4	64.6	64.9	65.0	65.4	65.7	65.8	66.1	66.9
≥ 3500	42.9	52.6	55.9	62.5	64.6	64.9	66.9	68.8	69.1	69.3	69.4	69.8	70.0	70.2	70.5	71.3
≥ 3000	45.8	56.1	59.5	66.3	68.8	69.1	71.5	73.5	73.8	74.0	74.1	74.5	74.8	75.0	75.3	76.1
≥ 2500	46.7	57.0	60.6	68.0	71.1	71.4	74.1	76.2	76.6	76.9	77.0	77.5	77.7	77.9	78.3	79.1
≥ 2000	48.6	59.0	63.3	71.6	74.9	75.2	78.4	80.6	81.0	81.3	81.4	81.9	82.1	82.3	82.7	83.4
≥ 1800	48.8	59.1	63.5	72.1	75.3	75.7	78.8	81.2	81.5	91.9	82.0	82.4	82.7	82.9	83.2	84.0
≥ 1500	50.8	61.5	66.1	75.3	79.1	79.5	82.8	85.1	85.5	85.8	85.9	86.4	86.6	86.8	87.2	88.0
≥ 1200	51.5	62.6	67.9	77.8	81.6	82.1	85.5	87.8	88.2	88.5	88.6	89.1	89.3	89.5	89.9	90.7
≥ 1000	51.6	62.7	68.0	78.4	82.3	82.8	86.3	88.6	89.0	89.3	89.5	90.0	90.2	90.4	90.8	91.6
≥ 900	51.6	62.7	68.0	78.4	82.4	83.0	86.7	89.1	89.4	90.0	90.2	90.7	90.9	91.1	91.4	92.2
≥ 800	51.7	62.8	68.1	78.9	83.4	84.0	87.7	90.2	90.5	91.1	91.3	91.8	92.0	92.2	92.6	93.4
≥ 700	51.7	63.0	68.4	79.3	83.9	84.5	88.6	91.2	91.6	92.1	92.3	92.8	93.0	93.2	93.6	94.4
≥ 600	51.7	63.0	68.4	79.3	84.1	84.8	89.1	92.0	92.3	92.9	93.1	93.6	93.8	94.0	94.4	95.2
≥ 500	51.7	63.0	68.4	79.4	84.3	85.0	89.4	92.3	92.7	93.2	93.5	93.9	94.3	94.5	94.8	95.6
≥ 400	51.7	63.0	68.4	79.4	84.3	85.0	89.4	92.3	92.7	93.2	93.5	93.9	94.3	94.6	94.9	96.1
≥ 300	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.4	95.5	95.9	96.3	97.4
≥ 200	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.4	95.5	95.9	96.3	98.3
≥ 100	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.4	95.5	96.1	96.4	99.0
≥ 0	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.4	95.5	96.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 888

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-82 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥22000	13.7	24.5	25.6	27.4	27.7	27.7	27.9	28.3	28.3	28.3	28.3	28.3	28.3	28.5	28.8
≥20000	24.9	31.1	32.2	35.2	35.7	35.7	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.8
≥18000	25.3	31.4	32.5	35.6	36.0	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.8	37.1
≥16000	25.3	31.4	33.1	35.6	36.0	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.9	37.1
≥14000	25.5	31.6	33.2	35.8	36.3	36.3	36.5	36.8	36.8	36.8	36.8	36.8	36.8	37.0	37.4
≥12000	25.6	31.8	33.3	35.9	36.4	36.4	36.6	36.9	36.9	36.9	36.9	36.9	36.9	37.1	37.5
≥10000	26.5	32.7	34.6	37.1	37.6	37.7	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.8	39.2
≥9000	27.4	33.8	35.5	38.2	38.6	38.7	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.8	40.2
≥8000	32.1	39.3	41.4	44.4	45.1	45.2	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.5	46.8
≥7000	33.2	40.6	43.2	46.2	46.9	47.0	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.6
≥6000	34.6	42.1	44.4	47.9	48.6	48.7	49.3	49.7	49.7	49.7	49.7	49.8	49.8	49.8	50.1	50.4
≥5000	36.4	44.3	46.9	50.5	51.3	51.4	52.1	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.7	53.1
≥4500	39.0	47.7	50.4	54.5	55.4	55.6	56.3	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.1	57.5
≥4000	43.7	53.2	56.1	61.2	62.2	62.4	63.2	63.7	63.7	63.7	63.7	63.9	63.9	64.0	64.2	64.5
≥3500	46.0	56.9	60.0	65.4	66.4	66.7	67.5	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.5	68.8
≥3000	49.7	60.3	63.7	69.4	70.4	70.7	71.5	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.6	73.0
≥2500	52.1	63.2	66.7	73.3	74.6	75.0	75.8	76.4	76.4	76.4	76.4	76.5	76.5	76.7	76.9	77.2
≥2000	55.8	67.5	71.5	78.9	80.4	80.7	81.9	82.8	82.8	82.8	82.8	82.9	82.9	83.1	83.3	83.6
≥1800	56.5	68.2	72.4	79.9	81.4	81.7	82.9	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.4	84.7
≥1600	57.5	69.7	74.4	82.3	84.1	84.4	85.6	86.8	86.9	87.2	87.2	87.3	87.3	87.4	87.7	88.0
≥1400	59.1	71.8	76.9	85.7	87.9	88.2	89.5	90.6	90.7	91.0	91.0	91.1	91.1	91.2	91.5	91.8
≥1200	59.1	71.9	77.0	86.1	88.3	88.7	90.0	91.2	91.4	91.7	91.7	91.8	91.8	91.9	92.1	92.5
≥1000	59.1	71.9	77.1	86.1	88.7	89.0	90.6	91.8	91.9	92.4	92.4	92.5	92.5	92.6	92.8	93.2
≥900	59.1	72.2	77.2	86.5	89.2	89.6	91.2	92.5	92.6	93.0	93.2	93.3	93.3	93.4	93.6	93.9
≥800	59.3	72.3	77.3	86.9	89.6	89.9	91.7	92.9	93.0	93.5	93.6	93.7	93.7	93.8	94.1	94.4
≥700	59.3	72.4	77.4	87.3	89.7	90.0	91.8	93.5	93.7	94.2	94.3	94.4	94.4	94.5	94.7	95.1
≥600	59.3	72.4	77.4	87.0	89.7	90.0	91.8	93.8	94.1	94.6	94.7	94.8	94.8	94.9	95.2	95.5
≥500	59.3	72.4	77.4	87.1	89.8	90.1	92.1	94.4	94.6	95.5	95.6	95.7	95.7	95.8	96.2	96.9
≥400	59.3	72.4	77.4	87.1	89.9	90.2	92.4	94.7	94.9	96.4	96.5	96.7	96.7	97.0	97.3	98.0
≥300	59.3	72.4	77.4	87.1	89.9	90.2	92.4	94.7	94.9	96.4	96.6	96.9	97.1	97.4	97.8	98.8
≥200	59.3	72.4	77.4	87.1	89.9	90.2	92.4	94.7	94.9	96.4	96.6	96.9	97.1	97.5	98.0	99.4
<200	59.3	72.4	77.4	87.1	89.9	90.2	92.4	94.7	94.9	96.4	96.6	96.9	97.1	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT91	≥6 E090	≥5 GE80	≥4 GE60	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING	18.0	23.9	25.9	28.3	29.7	28.8	29.6	29.7	29.7	29.9	30.1	30.2	30.2	30.2	30.2	30.5
≥ 20000	22.7	29.1	31.3	34.1	34.6	34.7	35.7	35.8	35.8	35.9	36.1	36.3	36.3	36.3	36.3	36.6
≥ 18000	22.9	29.5	31.8	34.6	35.0	35.1	36.1	36.3	36.3	36.4	36.6	36.7	36.7	36.7	36.7	37.0
≥ 16000	22.9	29.5	31.8	34.6	35.0	35.1	36.1	36.3	36.3	36.4	36.6	36.7	36.7	36.7	36.7	37.0
≥ 14000	23.2	29.9	32.1	34.9	35.4	35.5	36.5	36.6	36.6	36.7	36.9	37.0	37.0	37.0	37.0	37.4
≥ 12000	23.3	30.2	32.4	35.2	35.7	35.8	36.8	36.9	36.9	37.0	37.3	37.4	37.4	37.4	37.4	37.7
≥ 10000	24.5	31.6	34.2	37.1	37.6	37.7	38.8	38.9	38.9	39.1	39.3	39.4	39.4	39.4	39.4	39.7
≥ 9000	25.6	32.8	35.4	38.4	38.8	38.9	40.1	40.2	40.2	40.3	40.5	40.6	40.6	40.6	40.6	41.0
≥ 8000	30.2	38.3	41.2	44.8	45.2	45.5	46.6	46.7	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.5
≥ 7000	31.5	40.3	43.7	47.3	47.7	47.9	49.2	49.4	49.4	49.5	49.7	49.8	49.8	49.8	49.8	50.2
≥ 6000	32.4	41.2	44.6	48.3	48.7	48.9	50.2	50.4	50.4	50.5	50.7	50.8	50.8	50.8	50.8	51.2
≥ 5000	34.9	43.8	47.4	51.5	52.1	52.3	53.5	54.0	54.1	54.2	54.4	54.5	54.5	54.5	54.5	54.9
≥ 4500	38.8	47.8	51.7	56.2	57.1	57.4	58.8	59.3	59.3	59.5	59.7	59.8	59.8	59.8	59.8	60.2
≥ 4000	43.4	52.9	57.2	62.5	63.5	63.7	65.3	65.9	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.8
≥ 3500	46.5	56.3	61.3	66.9	67.9	68.1	69.7	70.3	70.3	70.5	70.7	70.8	70.8	70.8	70.8	71.2
≥ 3000	49.8	59.7	64.9	70.6	71.6	71.8	73.4	74.0	74.0	74.2	74.4	74.5	74.5	74.5	74.5	74.9
≥ 2500	51.1	61.6	66.9	73.3	74.6	74.9	76.4	77.0	77.1	77.2	77.4	77.6	77.6	77.6	77.6	77.9
≥ 2000	53.8	65.4	71.3	78.2	79.8	80.0	81.9	82.5	82.5	82.7	82.9	83.1	83.1	83.1	83.1	83.4
≥ 1800	53.9	65.7	71.6	78.8	80.4	80.6	82.5	83.1	83.1	83.3	83.5	83.6	83.6	83.6	83.6	84.0
≥ 1500	54.9	67.1	74.1	81.9	83.7	84.1	85.9	86.6	86.8	87.1	87.3	87.4	87.4	87.4	87.4	87.8
≥ 1200	56.8	69.6	76.8	85.3	87.4	87.7	89.7	90.6	90.7	91.0	91.2	91.4	91.4	91.4	91.4	91.7
≥ 1000	57.1	70.0	77.3	86.2	88.9	89.2	91.4	92.3	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.4
≥ 900	57.1	70.0	77.3	86.5	89.5	89.8	92.3	93.4	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.5
≥ 800	57.1	70.0	77.3	86.6	89.6	89.9	92.4	93.6	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.7
≥ 700	57.1	70.0	77.3	86.6	89.8	90.1	92.8	94.2	94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.6
≥ 600	57.1	70.0	77.3	86.6	89.8	90.1	92.8	94.3	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.8
≥ 500	57.1	70.0	77.3	86.6	89.8	90.1	93.3	94.7	95.4	96.0	96.3	96.5	96.5	96.5	96.5	96.9
≥ 400	57.1	70.0	77.3	86.9	90.0	90.3	93.5	94.9	95.6	96.2	96.5	96.7	96.7	96.7	96.7	97.0
≥ 300	57.1	70.0	77.3	86.9	90.1	90.5	93.6	95.1	95.7	96.4	96.7	97.0	97.1	97.1	97.1	97.8
≥ 200	57.1	70.0	77.3	86.9	90.1	90.5	93.6	95.2	96.0	96.6	97.1	97.3	97.5	97.6	97.8	98.7
≥ 100	57.1	70.0	77.3	86.9	90.1	90.5	93.6	95.2	96.0	96.6	97.1	97.3	97.5	97.8	97.9	99.7
≥ 0	57.1	70.0	77.3	86.9	90.1	90.5	93.6	95.2	96.1	96.6	97.1	97.3	97.5	97.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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

725631 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18?0-2?00 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (GT9 1)	≥6 (EQ9 0)	≥5 (GE8)	≥4 (GE6 0)	≥3 (GE4 8)	≥2 ½ (GE4 0)	≥2 (GE3 2)	≥1 ½ (GE2 4)	≥1 ¼ (GE2 0)	≥1 (GE16)	≥ ¾ (GE12)	≥ ½ (GE10)	≥ ⅜ (GE 8)	≥5/16 (GE 5)	≥ ¼ (GE04)	≥0 (GE0)
NO CEILING	23.3	29.9	31.6	35.0	36.4	36.5	37.5	37.7	37.7	38.0	38.2	38.4	38.4	38.6	38.6	39.1
≥ 20000	25.8	32.8	34.8	38.7	40.1	40.2	41.3	41.5	41.5	41.9	42.0	42.2	42.2	42.4	42.4	42.9
≥ 18000	25.9	33.1	35.2	39.2	40.5	40.6	41.8	42.0	42.0	42.3	42.4	42.6	42.6	42.9	42.9	43.3
≥ 16000	25.9	33.1	35.2	39.2	40.5	40.6	41.8	42.0	42.0	42.3	42.4	42.6	42.6	42.9	42.9	43.3
≥ 14000	26.2	33.3	35.5	39.4	40.7	40.9	42.0	42.2	42.2	42.5	42.6	42.9	42.9	43.1	43.1	43.5
≥ 12000	26.5	33.7	35.8	39.7	41.1	41.2	42.3	42.5	42.5	42.9	43.0	43.2	43.2	43.4	43.4	43.9
≥ 10000	26.6	34.2	36.4	40.3	41.6	41.8	42.9	43.1	43.1	43.4	43.5	43.8	43.9	44.1	44.1	44.6
≥ 9000	27.1	35.0	37.1	41.1	42.4	42.5	43.7	43.9	43.9	44.2	44.3	44.6	44.7	44.9	44.9	45.3
≥ 8000	32.7	40.5	42.8	46.8	48.3	48.5	49.6	49.8	49.8	50.2	50.3	50.5	50.6	50.8	50.8	51.3
≥ 7000	33.8	42.6	45.5	49.7	51.2	51.4	52.7	53.1	53.1	53.4	53.5	53.8	53.9	54.1	54.1	54.5
≥ 6000	34.3	43.2	46.1	50.6	52.1	52.3	53.6	54.0	54.0	54.3	54.4	54.7	54.8	55.0	55.0	55.4
≥ 5000	36.1	45.1	48.0	53.1	54.8	55.0	56.3	56.7	56.7	57.1	57.2	57.5	57.6	57.8	57.8	58.2
≥ 4500	41.2	50.5	53.8	59.1	61.4	61.6	63.1	63.5	63.5	64.0	64.1	64.3	64.4	64.6	64.6	65.1
≥ 4000	45.8	56.1	60.2	66.0	68.2	68.5	70.0	70.5	70.5	71.0	71.2	71.4	71.5	71.7	71.7	72.4
≥ 3500	50.4	60.9	65.1	70.9	73.2	73.4	75.2	75.6	75.6	76.2	76.3	76.5	76.7	76.9	76.9	77.6
≥ 3000	52.3	63.2	67.6	73.7	76.0	76.2	78.0	78.5	78.5	79.0	79.1	79.3	79.5	79.7	79.7	80.4
≥ 2500	54.3	65.4	70.1	76.8	79.1	79.3	81.1	81.6	81.6	82.2	82.3	82.5	82.6	82.8	82.8	83.5
≥ 2000	56.5	68.4	73.7	80.4	82.7	92.9	85.0	85.5	85.5	86.2	86.3	86.6	86.8	87.0	87.0	87.7
≥ 1800	56.6	68.8	74.3	80.9	83.3	83.5	85.5	86.1	86.1	86.8	86.9	87.2	87.3	87.5	87.5	88.2
≥ 1500	57.5	69.7	75.6	82.8	85.3	85.5	87.5	88.1	88.1	88.8	88.9	89.2	89.3	89.6	89.6	90.2
≥ 1200	58.7	71.4	77.3	84.7	87.3	87.5	89.6	90.1	90.1	90.8	90.9	91.2	91.4	91.6	91.6	92.3
≥ 1000	59.0	71.9	77.9	85.5	88.7	88.9	90.9	91.5	91.5	92.1	92.3	92.6	92.7	92.9	92.9	93.6
≥ 900	59.3	71.9	77.9	85.7	88.9	89.1	91.1	91.8	91.8	92.6	92.7	93.0	93.2	93.4	93.4	94.1
≥ 800	59.0	71.9	77.9	86.0	89.1	89.3	91.5	92.3	92.3	93.0	93.3	93.6	93.7	93.9	93.9	94.6
≥ 700	59.1	71.9	78.2	86.8	90.0	90.2	92.4	93.4	93.4	94.2	94.4	94.7	94.8	95.1	95.1	95.7
≥ 600	59.1	72.1	78.3	87.3	90.6	90.9	93.0	94.2	94.4	95.2	95.4	95.7	95.8	96.1	96.1	96.7
≥ 500	59.1	72.1	78.3	87.3	90.6	90.9	93.1	94.4	94.7	95.5	95.7	96.1	96.2	96.4	96.4	97.1
≥ 400	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	95.1	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 300	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.8	95.4	96.4	96.6	97.1	97.2	97.4	97.4	98.3
≥ 200	59.1	72.1	78.3	87.3	90.7	91.0	93.4	94.9	95.5	96.5	96.9	97.3	97.6	97.9	97.9	99.0
≥ 100	59.1	72.1	78.3	87.3	90.7	91.0	93.4	94.9	95.5	96.5	96.9	97.3	97.6	98.1	98.3	99.8
≥ 0	59.1	72.1	78.3	87.3	90.7	91.0	93.4	94.9	95.5	96.5	96.9	97.3	97.6	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-8[illegible] NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 EQ9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥ GE0	≥5/16 GE0	≥ GE0	≥0 GE0
NO CEILING	27.3	34.2	36.2	40.1	41.1	41.5	42.9	43.6	43.9	44.4	44.4	44.5	44.7	44.9	44.8	45.5
≥ 20000	29.3	36.5	38.9	43.8	44.9	45.3	46.7	47.5	48.0	48.4	48.4	48.5	48.8	48.9	48.9	49.6
≥ 18000	29.6	36.9	39.2	44.2	45.3	45.6	47.1	47.9	48.3	48.8	48.8	48.9	49.1	49.2	49.2	49.9
≥ 16000	29.6	36.9	39.2	44.2	45.3	45.6	47.1	47.9	48.3	48.8	48.8	48.9	49.1	49.2	49.2	49.9
≥ 14000	29.8	37.1	39.4	44.4	45.5	45.8	47.3	48.1	48.5	49.0	49.0	49.1	49.3	49.4	49.4	50.1
≥ 12000	29.8	37.1	39.4	44.4	45.5	45.8	47.3	48.1	48.5	49.0	49.0	49.1	49.3	49.4	49.4	50.1
≥ 10000	30.3	38.2	40.6	45.6	46.7	47.1	48.5	49.3	49.8	50.2	50.2	50.3	50.6	50.7	50.7	51.6
≥ 9000	30.7	38.9	41.2	46.3	47.4	47.8	49.2	50.0	50.4	50.9	50.9	51.0	51.2	51.3	51.3	52.2
≥ 8000	33.9	42.5	44.9	50.0	51.1	51.5	52.9	53.8	54.3	54.7	54.7	54.8	55.1	55.2	55.2	56.1
≥ 7000	35.3	44.4	46.9	52.0	53.1	53.5	54.9	55.8	56.3	56.7	56.7	56.9	57.1	57.2	57.2	58.1
≥ 6000	35.4	44.6	47.1	52.2	53.6	53.9	55.4	56.3	56.7	57.2	57.2	57.3	57.5	57.6	57.6	58.5
≥ 5000	37.9	47.4	49.9	55.4	56.9	57.2	58.7	59.6	60.1	60.6	60.6	60.7	60.9	61.0	61.0	61.9
≥ 4500	43.0	53.1	56.1	61.8	63.3	63.6	65.1	66.0	66.5	67.0	67.0	67.1	67.3	67.4	67.4	68.3
≥ 4000	47.1	57.5	60.7	67.1	68.7	69.0	70.8	71.7	72.2	72.8	72.8	72.9	73.1	73.3	73.3	74.2
≥ 3500	50.1	60.7	63.8	70.2	71.8	72.2	74.0	74.9	75.5	76.1	76.1	76.2	76.4	76.5	76.5	77.4
≥ 3000	53.0	63.9	67.2	73.7	75.7	76.3	78.1	79.0	79.6	80.1	80.1	80.2	80.4	80.6	80.6	81.5
≥ 2500	54.5	65.8	69.2	76.2	78.2	78.8	80.6	81.5	82.0	82.6	82.6	82.7	82.9	83.0	83.0	83.9
≥ 2000	56.3	67.8	71.2	78.4	80.6	81.1	83.1	84.2	84.7	85.3	85.3	85.4	85.7	86.0	86.0	86.9
≥ 1800	56.3	68.0	71.5	78.7	80.8	81.3	83.4	84.5	85.1	85.6	85.6	85.7	86.1	86.3	86.3	87.2
≥ 1500	56.9	68.7	72.4	79.6	81.8	82.5	84.6	86.1	86.6	87.2	87.2	87.3	87.6	87.9	87.9	88.8
≥ 1200	59.1	71.0	74.8	82.0	84.3	85.1	87.5	88.8	89.4	90.0	90.0	90.1	90.4	90.7	90.7	91.6
≥ 1000	59.2	71.1	74.9	82.4	84.6	85.5	88.1	89.3	90.0	91.0	91.1	91.2	91.6	91.9	91.8	92.7
≥ 900	59.4	71.5	75.4	83.1	85.4	86.3	88.9	90.1	90.8	91.8	91.9	92.0	92.4	92.6	92.6	93.5
≥ 800	59.4	71.5	75.4	83.1	85.4	86.3	88.9	90.1	90.8	91.8	91.9	92.0	92.4	92.6	92.6	93.5
≥ 700	59.4	71.9	76.1	83.8	86.4	87.3	89.9	91.2	91.9	92.9	93.0	93.1	93.5	93.7	93.7	94.6
≥ 600	59.6	72.0	76.1	84.0	86.9	87.8	90.3	91.8	92.7	93.7	93.8	93.9	94.3	94.5	94.5	95.4
≥ 500	59.7	72.1	76.2	84.2	87.2	88.1	90.7	92.4	93.3	94.5	94.6	94.7	95.1	95.3	95.3	96.3
≥ 400	59.7	72.1	76.2	84.2	87.2	88.1	91.0	92.8	93.7	95.3	95.4	95.5	95.8	96.1	96.1	97.1
≥ 300	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.5	95.6	95.8	96.2	96.4	96.4	97.5
≥ 200	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	97.0	98.5
≥ 100	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	97.1	99.3
≥ 0	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 890

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥1 GE1	≥ GE0	≥5/16 GE0	≥ GE0	≥0 GE0
NO CEILING	21.8	27.3	29.1	32.3	33.2	33.4	34.4	35.0	35.2	35.4	35.6	35.7	35.8	35.9	36.2	36.9
≥ 20000	25.1	31.3	33.4	37.1	38.0	38.2	39.3	40.0	40.1	40.4	40.5	40.7	40.8	40.9	41.2	41.9
≥ 18000	25.2	31.6	33.6	37.3	38.3	38.5	39.5	40.2	40.4	40.6	40.8	40.9	41.0	41.2	41.4	42.2
≥ 16000	25.3	31.6	33.7	37.3	38.3	38.5	39.5	40.2	40.4	40.6	40.8	40.9	41.0	41.2	41.4	42.2
≥ 14000	25.4	31.7	33.8	37.5	38.5	38.7	39.7	40.4	40.6	40.8	41.0	41.1	41.2	41.3	41.6	42.4
≥ 12000	25.5	31.9	34.0	37.6	38.6	38.8	39.8	40.5	40.7	40.9	41.1	41.2	41.3	41.5	41.7	42.5
≥ 11000	26.4	33.1	35.3	39.1	40.1	40.3	41.4	42.2	42.4	42.6	42.8	42.9	43.0	43.2	43.4	44.2
≥ 10000	27.1	34.0	36.2	40.1	41.1	41.4	42.5	43.3	43.5	43.7	43.9	44.0	44.1	44.3	44.5	45.3
≥ 9000	30.8	38.2	40.7	44.8	46.0	46.3	47.5	48.3	48.5	48.8	48.9	49.1	49.2	49.3	49.6	50.4
≥ 8000	31.9	39.7	42.4	46.7	47.8	48.1	49.4	50.2	50.5	50.7	50.9	51.0	51.1	51.3	51.5	52.4
≥ 7000	32.5	40.3	43.1	47.4	48.6	48.9	50.2	51.0	51.3	51.5	51.7	51.8	52.0	52.1	52.4	53.2
≥ 6000	34.6	42.8	45.7	50.3	51.6	51.9	53.3	54.2	54.4	54.7	54.9	55.1	55.2	55.3	55.6	56.4
≥ 5000	39.2	47.7	51.2	56.3	57.9	58.1	59.7	60.6	60.9	61.1	61.3	61.5	61.6	61.8	62.0	62.9
≥ 4500	43.8	53.2	57.0	62.9	64.6	64.9	66.5	67.5	67.8	68.2	68.3	68.5	68.6	68.8	69.1	69.9
≥ 4000	46.6	56.4	60.5	66.6	68.3	68.6	70.3	71.4	71.7	72.0	72.2	72.4	72.5	72.7	72.9	73.8
≥ 3500	49.1	59.4	63.6	70.2	72.0	72.4	74.1	75.2	75.5	75.9	76.1	76.2	76.3	76.5	76.8	77.7
≥ 3000	50.8	61.3	65.6	72.7	74.7	75.1	76.9	78.0	78.3	78.7	78.9	79.1	79.2	79.4	79.7	80.5
≥ 2500	53.2	64.2	69.0	76.6	78.7	79.1	81.3	82.5	82.9	83.3	83.5	83.7	83.8	84.0	84.3	85.2
≥ 2000	53.5	64.6	69.4	77.3	79.4	79.8	81.9	83.3	83.6	84.1	84.3	84.4	84.6	84.8	85.1	85.9
≥ 1800	54.7	66.2	71.4	79.6	81.9	82.4	84.6	86.0	86.4	86.9	87.1	87.3	87.4	87.6	87.9	88.7
≥ 1500	56.1	68.0	73.5	82.1	84.5	85.0	87.3	88.8	89.1	89.6	89.9	90.0	90.2	90.4	90.6	91.5
≥ 1200	56.3	68.3	73.9	82.7	85.3	85.8	88.2	89.7	90.0	90.6	90.8	91.0	91.2	91.4	91.6	92.5
≥ 1000	56.4	68.4	74.1	82.9	85.6	86.2	88.7	90.2	90.6	91.2	91.4	91.6	91.8	92.0	92.2	93.1
≥ 900	56.4	68.5	74.1	83.2	86.0	86.6	89.1	90.7	91.0	91.7	91.9	92.1	92.3	92.5	92.7	93.6
≥ 800	56.5	68.6	74.3	83.7	86.6	87.2	89.8	91.5	91.9	92.5	92.8	93.0	93.1	93.3	93.6	94.5
≥ 700	56.6	68.7	74.4	83.9	86.9	87.5	90.2	92.1	92.6	93.3	93.5	93.7	93.9	94.1	94.3	95.2
≥ 600	56.6	68.7	74.4	84.0	87.1	87.7	90.5	92.5	93.0	93.8	94.1	94.3	94.5	94.7	95.0	95.8
≥ 500	56.6	68.7	74.4	84.1	87.1	87.8	90.7	92.8	93.4	94.4	94.7	94.9	95.0	95.2	95.5	96.6
≥ 400	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.8	95.2	95.5	95.7	96.0	96.3	97.4
≥ 300	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.0	96.4	96.8	98.3
≥ 200	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.1	96.6	97.1	99.3
≥ 100	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.1	96.6	97.1	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 7115

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) LAKENHEATH RAF UK (STATION NAME) 73-8[illegible] (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9[illegible]	≥6 EQ9[illegible]	≥5 GE8[illegible]	≥4 GE6[illegible]	≥3 GE4[illegible]	≥2½ GE4[illegible]	≥2 GE3[illegible]	≥1¾ GE2[illegible]	≥1½ GE2[illegible]	≥1 GE16	≥⅞ GE1[illegible]	≥¾ GE1[illegible]	≥½ GE0[illegible]	≥5/16 GE0[illegible]	≥[illegible] GE0[illegible]	≥0 GE0
NO CEILING	20.5	25.5	28.5	31.1	32.9	32.9	34.2	34.3	34.8	35.3	35.5	35.9	35.9	36.1	36.[illegible]	37.2
≥ 20000	22.5	27.7	30.9	33.4	35.3	35.3	36.6	36.7	37.2	37.6	37.9	38.3	38.3	38.5	38.6	39.6
≥ 18000	22.7	27.8	31.0	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.[illegible]	38.4	38.4	38.6	38.7	39.7
≥ 16000	22.7	27.8	31.[illegible]	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 14000	22.7	27.8	31.[illegible]	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 12000	22.7	27.8	31.[illegible]	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.[illegible]	38.4	38.4	38.6	38.7	39.7
≥ 10000	23.5	28.7	31.8	34.4	36.2	36.2	37.5	37.6	38.2	38.6	38.8	39.3	39.3	39.5	39.6	4[illegible].7
≥ 9000	24.3	29.4	32.[illegible]	35.2	37.0	37.1	38.7	38.8	39.4	39.8	40.0	40.5	40.5	40.7	40.8	41.9
≥ 8000	26.1	31.7	35.[illegible]	37.8	39.6	39.7	41.3	41.5	42.1	42.6	42.8	43.3	43.3	43.5	43.6	44.8
≥ 7000	26.3	32.[illegible]	35.3	38.1	39.9	40.0	41.[illegible]	42.1	42.6	43.1	43.4	43.8	43.8	44.0	44.1	45.3
≥ 6000	26.5	32.3	35.6	38.4	40.[illegible]	40.3	42.2	42.4	42.9	43.5	43.7	44.1	44.1	44.3	44.4	45.6
≥ 5000	28.4	34.5	38.1	40.9	42.8	42.9	44.8	45.0	45.5	46.1	46.3	46.7	46.7	46.9	47.[illegible]	48.4
≥ 4500	32.6	39.1	42.7	45.8	48.1	48.2	50.4	50.6	51.1	51.7	51.9	52.3	52.3	52.5	52.6	54.[illegible]
≥ 4000	36.9	44.8	49.2	52.5	55.[illegible]	55.1	57.6	57.9	58.5	59.1	59.3	59.9	59.9	60.1	60.2	61.6
≥ 3500	39.6	47.9	52.3	56.2	58.8	58.9	61.[illegible]	61.8	62.4	63.0	63.2	63.8	63.8	64.1	64.2	65.6
≥ 3000	42.2	51.6	56.5	60.4	63.0	63.1	66.3	66.7	67.3	68.0	68.2	68.7	68.7	69.0	69.1	70.6
≥ 2500	44.2	53.9	58.9	62.8	65.4	65.5	68.7	69.0	69.8	70.4	70.7	71.2	71.2	71.5	71.6	73.0
≥ 2000	47.2	57.7	63.0	67.6	70.3	70.4	73.9	74.4	75.2	76.1	76.3	76.8	76.8	77.1	77.2	78.6
≥ 1800	48.[illegible]	58.8	64.1	69.4	72.1	72.2	75.6	76.2	76.9	77.8	78.0	78.5	78.5	78.9	79.[illegible]	80.4
≥ 1500	50.1	61.8	67.4	73.0	75.8	76.2	79.8	80.4	81.1	82.1	82.3	82.8	82.8	83.2	83.3	84.7
≥ 1200	51.8	63.8	69.8	75.6	78.9	79.2	83.[illegible]	83.8	84.6	85.5	85.8	86.3	86.3	86.6	86.7	88.1
≥ 1000	52.1	64.8	71.3	77.1	80.4	80.9	84.8	85.8	86.5	87.5	87.7	88.2	88.2	88.6	88.7	90.1
≥ 900	52.1	65.0	71.5	77.3	80.8	81.3	85.2	86.2	86.9	87.9	88.1	88.7	88.7	89.[illegible]	89.1	90.5
≥ 800	52.2	65.6	72.2	78.1	82.1	82.6	86.9	87.5	88.2	89.2	89.4	90.0	90.1	90.4	90.5	91.9
≥ 700	52.2	65.7	72.5	79.2	83.3	83.8	87.7	88.7	89.4	90.4	90.6	91.2	91.3	91.6	91.7	93.1
≥ 600	52.2	65.8	72.6	79.4	83.7	84.3	88.1	89.1	89.9	90.8	91.[illegible]	91.6	91.7	92.1	92.2	93.6
≥ 500	52.3	66.0	73.0	79.8	84.3	84.8	89.[illegible]	90.0	90.7	91.8	92.[illegible]	92.6	92.7	93.1	93.2	94.6
≥ 400	52.3	66.0	73.0	79.8	84.3	85.0	89.2	90.2	90.9	92.2	92.4	93.[illegible]	93.1	93.5	93.6	95.[illegible]
≥ 300	52.3	66.[illegible]	73.[illegible]	79.8	84.3	85.0	89.3	90.3	91.0	93.0	93.4	94.0	94.2	94.7	94.9	96.4
≥ 200	52.3	66.[illegible]	73.[illegible]	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.6	95.6	96.0	97.6
≥ 100	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.7	95.8	96.5	99.9
≥ 0	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.7	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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] LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-0900
HOURS (L)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥7 GE7	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0
NO CEILING	20.4	27.1	28.3	31.1	32.4	32.7	34.2	35.0	35.2	35.2	35.5	35.5	35.5	35.8	36.1	36.7
≥ 20000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 18000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 16000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 14000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 12000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 10000	21.4	28.4	29.8	32.7	34.0	34.3	35.9	36.7	36.7	36.9	37.2	37.2	37.3	37.6	38.1	38.5
≥ 9000	21.9	28.9	30.3	33.2	34.5	34.8	36.7	37.4	37.4	37.6	38.1	38.1	38.1	38.4	39.7	39.3
≥ 8000	23.7	30.9	32.5	35.4	36.7	37.0	38.8	39.6	39.7	40.0	40.3	40.3	40.5	40.9	41.2	41.7
≥ 7000	24.6	32.0	33.7	36.6	37.9	38.2	40.2	41.0	41.1	41.4	41.7	41.7	41.9	42.3	42.6	43.1
≥ 6000	24.8	32.4	34.1	36.9	38.2	38.5	40.6	41.3	41.4	41.7	42.1	42.1	42.3	42.6	42.9	43.5
≥ 5000	26.6	34.2	35.8	38.7	40.0	40.3	42.5	43.5	43.6	43.9	44.2	44.2	44.3	44.8	45.1	45.7
≥ 4500	30.4	38.3	39.9	43.8	45.1	45.4	47.6	48.9	49.0	49.3	49.6	49.6	49.8	50.3	50.6	51.2
≥ 4000	34.1	43.4	45.1	49.7	51.2	51.8	54.0	55.6	55.7	56.0	56.3	56.3	56.6	57.2	57.5	58.3
≥ 3500	38.1	47.7	50.3	54.5	56.2	56.7	59.2	60.7	60.8	61.2	61.5	61.5	61.8	62.4	62.7	63.4
≥ 3000	40.3	51.0	54.4	58.6	60.4	60.9	64.1	66.0	66.2	66.6	66.9	66.9	67.2	67.7	68.1	68.8
≥ 2500	42.9	54.4	57.9	62.5	64.5	65.0	68.2	70.2	70.6	71.0	71.3	71.3	71.6	72.2	72.5	73.2
≥ 2000	46.7	58.7	62.7	68.5	70.8	71.3	74.4	76.5	76.8	77.2	77.6	77.6	77.9	78.4	78.7	79.5
≥ 1800	47.6	59.7	63.6	69.6	71.8	72.4	75.5	77.6	77.9	78.3	78.6	78.6	79.0	79.5	79.8	80.6
≥ 1500	49.3	62.1	66.5	73.0	75.3	75.8	79.0	81.0	81.4	81.9	82.2	82.2	82.5	83.1	83.4	84.1
≥ 1200	50.6	64.4	69.1	75.7	78.1	78.6	81.8	83.8	84.3	84.7	85.0	85.0	85.3	85.9	86.2	86.9
≥ 1000	51.1	65.4	70.0	76.8	79.4	79.9	83.4	85.4	86.0	86.5	86.8	86.8	87.2	87.7	88.0	88.8
≥ 900	51.1	65.6	70.2	77.0	80.4	80.9	84.4	86.4	86.9	87.5	87.8	87.8	88.1	88.7	89.0	89.8
≥ 800	51.3	65.9	70.9	78.0	82.0	82.5	86.0	88.0	88.6	89.1	89.4	89.4	89.8	90.3	90.6	91.4
≥ 700	51.3	65.9	71.1	79.1	83.1	83.6	87.2	89.2	89.8	90.4	90.7	90.7	91.0	91.6	91.9	92.7
≥ 600	51.5	66.0	71.2	79.7	83.9	84.5	88.1	90.1	90.6	91.3	91.6	91.6	91.9	92.4	92.8	93.5
≥ 500	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.0	93.5	93.9	94.6
≥ 400	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.4	91.9	92.8	93.1	93.1	93.4	94.0	94.3	95.0
≥ 300	51.5	66.1	71.3	80.1	84.3	84.9	89.3	92.2	92.8	94.3	94.6	94.6	94.9	95.8	96.4	97.4
≥ 200	51.5	66.1	71.3	80.0	84.3	84.9	89.3	92.3	92.9	94.7	95.0	95.0	95.5	96.5	97.3	98.3
≥ 100	51.5	66.1	71.3	80.2	84.4	85.0	89.4	92.4	93.0	94.8	95.1	95.1	95.6	96.8	97.7	100.0
≥ 0	51.5	66.1	71.3	80.2	84.4	85.0	89.4	92.4	93.0	94.8	95.1	95.1	95.6	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725831 STATION | LAKENHEATH RAF UK STATION NAME | 73-87 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1 GE1½	≥¾ GE1	≥½ GE¾	≥¼ GE½	≥⅛ GE¼	< ¼	≥5/16 GE⅜	< 5/16
NO CEILING	17.8	22.6	25.1	27.4	28.7	28.7	29.5	30.2	30.5	30.8	30.9	30.9	30.9	31.1	31.3	32.2
≥ 20000	20.1	25.4	27.9	30.8	31.3	31.5	32.9	33.7	33.9	34.2	34.3	34.3	34.3	34.6	34.8	35.6
≥ 18000	20.1	25.4	27.9	30.8	31.3	31.5	32.9	33.7	33.9	34.2	34.3	34.3	34.3	34.6	34.8	35.6
≥ 14000	20.1	25.4	27.9	30.8	31.3	31.5	32.9	33.7	33.9	34.2	34.3	34.3	34.3	34.6	34.8	35.6
≥ 12000	20.1	25.4	27.9	30.8	31.3	31.5	32.9	33.7	33.9	34.2	34.3	34.3	34.3	34.6	34.8	35.6
≥ 10000	21.0	26.2	28.7	31.7	32.3	32.5	33.9	34.7	34.9	35.2	35.3	35.3	35.3	35.5	35.7	36.6
≥ 9000	21.2	26.7	29.7	32.2	32.7	32.9	34.3	35.1	35.3	35.6	35.9	35.9	35.9	36.1	36.3	37.1
≥ 8000	23.3	29.4	31.9	34.9	35.4	35.6	37.0	38.1	38.4	38.8	39.0	39.0	39.0	39.2	39.4	40.3
≥ 7000	24.2	30.8	33.4	36.5	37.0	37.3	38.8	40.0	40.3	40.6	40.8	40.8	40.8	41.0	41.3	42.1
≥ 6000	24.6	31.3	33.9	37.1	37.7	37.9	39.4	40.6	40.9	41.3	41.5	41.5	41.5	41.7	41.9	42.8
≥ 5000	25.2	32.6	35.2	38.7	39.2	39.4	40.9	42.3	42.7	43.0	43.3	43.3	43.3	43.5	43.7	44.6
≥ 4500	29.0	37.1	40.1	44.1	44.6	44.8	46.3	47.7	48.2	48.5	48.8	48.8	48.8	49.0	49.2	50.1
≥ 4000	33.0	41.9	45.9	49.9	50.5	50.8	52.4	54.1	54.5	54.9	55.3	55.3	55.3	55.5	55.7	56.8
≥ 3500	36.8	47.0	50.5	55.2	55.8	56.1	57.9	60.0	60.5	61.0	61.6	61.6	61.6	61.8	62.0	63.1
≥ 3000	39.6	50.3	54.5	59.3	60.4	60.6	62.9	65.3	65.9	66.5	67.1	67.1	67.1	67.3	67.5	68.6
≥ 2500	41.5	52.5	56.7	61.7	63.0	63.2	65.4	68.0	68.6	69.2	69.8	69.8	69.8	70.0	70.2	71.3
≥ 2000	45.1	57.9	62.6	68.5	69.8	70.0	72.4	75.1	75.6	76.2	76.8	76.8	76.8	77.0	77.2	78.3
≥ 1800	45.2	58.2	63.1	69.2	70.5	70.7	73.1	75.8	76.3	77.0	77.5	77.5	77.5	77.8	78.0	79.0
≥ 1500	46.7	60.4	65.8	72.8	74.3	74.5	77.1	79.7	80.2	80.9	81.4	81.4	81.4	81.6	81.9	82.9
≥ 1200	48.6	62.6	68.1	75.7	77.4	77.6	80.3	83.2	83.7	84.3	84.9	84.9	84.9	85.1	85.3	86.4
≥ 1000	49.1	63.3	69.0	76.8	78.6	78.8	81.5	84.3	84.9	85.6	86.2	86.2	86.2	86.4	86.6	87.7
≥ 900	49.2	63.5	69.2	77.1	79.3	79.5	82.2	85.0	85.5	86.3	86.8	86.8	86.8	87.0	87.3	88.3
≥ 800	49.6	64.0	70.2	78.4	80.8	81.0	83.8	86.7	87.3	88.0	88.6	88.6	88.6	88.8	89.0	90.1
≥ 700	49.7	64.4	70.5	78.8	81.4	81.6	84.4	87.4	88.0	88.9	89.4	89.5	89.5	89.7	90.0	91.0
≥ 600	49.7	64.4	70.6	79.0	82.2	82.6	85.6	88.6	89.3	90.2	90.7	90.8	90.8	91.0	91.3	92.3
≥ 500	49.7	64.4	70.6	79.0	82.2	82.8	86.1	89.4	90.2	91.0	91.6	91.7	91.7	91.9	92.1	93.2
≥ 400	49.7	64.4	70.8	79.3	82.4	83.0	86.4	90.1	90.8	91.9	92.4	92.7	92.7	92.9	93.1	94.2
≥ 300	49.7	64.4	71.1	79.7	82.8	83.5	87.0	91.4	92.2	93.3	93.8	94.1	94.2	94.4	94.7	95.7	97.0
≥ 200	49.7	64.4	71.1	79.7	82.8	83.5	87.0	91.4	92.2	93.5	94.3	94.6	94.9	95.6	96.9	98.5
≥ 100	49.7	64.4	71.1	79.7	82.8	83.5	87.1	91.4	92.2	93.5	94.3	94.6	94.9	95.8	97.3	100.0
≥ 0	49.7	64.4	71.0	79.7	82.8	83.5	87.1	91.4	92.2	93.5	94.3	94.6	94.9	95.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72221 LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1200
HOUR

CEILING (HUNDREDS OF FEET) / VISIBILITY (STATUTE MILES)	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥ 22000	14.7	19.2	20.3	22.2	23.9	23.2	24.9	25.8	26.7	26.2	26.2	26.3	26.3	26.3	26.5	27.1
22000	18.3	23.2	24.5	26.9	27.6	27.9	28.8	30.5	31.7	30.9	30.9	31.0	31.1	31.1	31.7	32.2
≥ 18000	18.3	23.4	24.7	27.1	27.9	28.1	29.1	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
18000	18.3	23.4	24.7	27.1	27.9	28.1	29.0	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
≥ 14000	18.3	23.4	24.7	27.1	27.9	28.1	29.0	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
≥ 12000	18.3	23.5	24.8	27.2	28.0	28.2	29.2	30.8	31.0	31.2	31.2	31.3	31.4	31.4	31.6	32.3
≥ 10000	19.1	24.7	26.0	28.8	29.6	29.9	31.1	32.8	33.0	33.3	33.3	33.4	33.5	33.5	33.7	34.3
≥ 9000	19.8	25.4	26.8	29.8	30.7	31.0	32.2	33.9	34.1	34.3	34.3	34.4	34.6	34.6	34.8	35.4
≥ 8000	21.4	28.1	29.4	32.5	33.4	33.7	34.9	36.7	36.9	37.5	37.5	37.6	37.7	37.7	37.9	38.6
≥ 7000	22.1	29.5	31.2	34.6	35.4	35.7	37.0	39.0	39.2	40.0	40.0	40.1	40.2	40.2	40.4	41.0
≥ 6000	22.2	29.7	31.4	34.9	35.9	36.2	37.5	39.4	39.6	40.4	40.4	40.5	40.6	40.6	40.8	41.5
≥ 5000	23.5	31.5	33.6	37.1	38.1	38.4	39.7	41.8	42.0	42.9	43.0	43.1	43.3	43.3	43.5	44.2
≥ 4500	27.2	37.1	39.5	44.4	45.5	45.8	47.1	49.1	49.5	50.3	50.4	50.5	50.8	51.1	51.4	52.2
≥ 4000	30.2	41.3	44.2	49.8	51.0	51.4	52.8	55.2	55.7	56.9	57.0	57.1	57.3	57.7	58.0	58.7
≥ 3500	34.2	46.0	49.5	55.3	57.0	57.5	59.1	61.8	62.5	63.7	63.9	64.0	64.3	64.6	64.9	65.8
≥ 3000	37.3	49.6	53.1	59.2	61.1	61.6	63.3	66.4	67.9	69.3	69.4	69.7	69.9	70.2	70.5	71.5
≥ 2500	39.3	52.5	56.4	63.4	65.4	65.9	67.7	71.1	72.7	74.2	74.3	74.5	74.7	75.1	75.4	76.3
≥ 2000	41.6	56.0	60.2	68.1	70.7	71.2	73.0	76.3	78.0	79.5	79.6	79.8	80.0	80.3	80.7	81.6
≥ 1800	41.8	56.3	60.4	68.6	71.4	71.8	73.7	77.0	78.6	80.1	80.2	80.5	80.7	81.0	81.3	82.3
≥ 1600	43.4	58.2	62.6	71.3	74.2	74.6	76.6	79.9	81.5	83.2	83.3	83.5	83.7	84.0	84.3	85.3
≥ 1400	44.8	59.4	64.3	73.7	76.9	77.3	79.5	82.8	84.4	86.1	86.2	86.4	86.6	86.9	87.3	88.2
≥ 1200	45.4	60.0	64.9	74.3	77.6	78.1	80.2	83.6	85.3	86.9	87.0	87.3	87.5	87.8	88.1	89.1
≥ 1000	45.4	60.2	65.0	74.6	78.0	78.4	80.8	84.2	86.2	87.8	87.9	88.1	88.3	88.7	89.0	90.0
≥ 900	46.1	61.0	66.0	76.0	79.8	80.2	82.8	86.4	88.3	90.0	90.1	90.3	90.5	90.8	91.1	92.1
≥ 800	46.1	61.0	66.0	76.0	79.8	80.2	82.8	86.6	88.6	90.4	90.5	90.7	90.9	91.3	91.6	92.5
≥ 700	46.1	61.0	66.0	76.1	80.1	80.6	83.7	87.8	89.7	91.6	91.7	91.9	92.1	92.4	92.8	93.7
≥ 600	46.1	61.1	66.1	76.2	80.3	80.8	84.0	88.6	90.7	92.5	92.7	92.9	93.1	93.4	93.8	94.8
≥ 500	46.1	61.1	66.1	76.2	80.3	80.8	84.1	88.8	91.0	92.9	93.0	93.3	93.5	94.2	94.6	95.6
≥ 400	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.5	93.8	94.3	94.6	95.9	96.7	97.7
≥ 300	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.7	94.2	94.8	95.1	96.7	97.5	99.0
≥ 200	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.7	94.3	94.9	95.4	97.0	97.8	100.0
≥ 100	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.7	94.3	94.9	95.4	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK [illegible] 26C
STATION STATION NAME YEARS GMT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

VISIBILITY STATUTE MILES

CEILING FEET	≥0 GT9	≥0 GE9	≥3 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2	≥2 GE1½	≥1 GE1	≥1 GE¾	≥1 GE½	≥1 GE¼	≥0 GE0
UNL	16.2	21.5	22.3	24.4	25.1	25.1	26.1	26.4	26.5	27.1	27.1	27.2	27.2	27.4
≥ 20000	27.4	27.7	28.6	31.0	31.6	31.7	32.6	33.2	33.3	34.1	34.2	34.2	34.5	34.5	34.5	34.5	34.7
≥ 18000	27.4	27.9	28.8	31.2	31.8	31.9	32.9	33.4	33.5	34.2	34.3	34.4	34.7	34.7	34.7	34.7	35.0
≥ 16000	27.7	28.1	28.9	31.3	31.9	32.0	32.9	33.5	33.7	34.3	34.4	34.5	34.8	34.8	34.8	34.8	35.1
≥ 14000	27.7	28.0	28.9	31.3	31.9	32.0	32.9	33.5	33.7	34.3	34.3	34.5	34.8	34.8	34.8	34.8	35.1
≥ 12000	27.7	28.0	28.9	31.3	31.9	32.0	32.9	33.5	33.7	34.3	34.3	34.5	34.9	34.9	34.9	34.9	35.1
≥ 11000	21.9	29.0	30.1	32.6	33.2	33.3	34.2	34.8	35.0	35.6	35.6	35.8	36.1	36.1	36.1	36.1	36.4
≥ 10000	22.2	29.9	31.0	33.8	34.4	34.5	35.4	36.1	36.2	36.9	36.9	37.1	37.4	37.4	37.4	37.4	37.6
≥ 9000	24.6	32.7	34.1	37.0	37.6	37.8	38.7	39.5	39.6	40.2	40.2	40.5	40.9	40.8	40.8	40.8	41.0
≥ 8000	24.9	33.1	34.6	38.2	38.9	39.1	40.0	40.8	40.9	41.5	41.5	41.7	42.1	42.1	42.1	42.1	42.3
≥ 7000	25.4	33.8	35.6	39.2	40.0	40.1	41.1	42.2	42.3	42.9	42.9	43.1	43.6	43.6	43.6	43.6	43.8
≥ 6000	26.6	35.7	37.5	41.4	42.3	42.5	43.5	44.6	44.7	45.3	45.3	45.5	46.2	46.2	46.2	46.2	46.4
≥ 5000	29.3	39.2	41.1	45.7	46.9	47.1	48.3	49.5	49.6	50.6	50.8	51.1	51.6	51.7	51.8	51.8	52.0
≥ 4500	33.4	44.3	46.6	51.9	53.3	53.6	54.9	56.0	56.1	57.5	57.7	58.0	58.5	58.6	58.8	58.8	59.0
≥ 4000	36.5	48.1	50.6	56.4	58.0	58.4	59.8	61.7	61.9	63.4	63.6	64.0	64.4	64.5	64.7	64.7	64.9
≥ 3500	40.2	52.6	55.2	61.7	63.5	63.9	65.6	67.7	68.0	69.5	69.8	70.2	70.7	70.8	71.0	71.0	71.2
≥ 3000	42.3	55.1	58.1	64.7	66.7	67.1	68.9	71.2	71.4	73.1	73.6	74.0	74.4	74.5	74.8	74.8	75.0
≥ 2500	43.9	57.2	60.8	68.6	71.1	71.5	73.6	76.5	76.7	78.4	79.1	79.5	79.9	80.0	80.3	80.3	80.5
≥ 2000	45.7	58.4	62.7	70.0	72.4	72.8	74.9	77.8	78.0	79.7	80.4	80.8	81.2	81.3	81.6	81.6	81.8
≥ 1800	47.8	61.5	65.5	74.0	76.4	76.8	78.9	82.0	82.2	83.9	84.6	85.0	85.4	85.5	85.8	85.8	86.0
≥ 1600	49.0	62.7	67.1	76.1	78.5	79.0	81.4	84.6	84.8	86.5	87.2	87.7	88.1	88.2	88.5	88.5	88.7
≥ 1400	49.6	63.5	68.0	77.7	80.3	80.8	83.4	86.5	86.7	88.6	89.2	89.8	90.2	90.3	90.5	90.5	90.7
≥ 1200	49.7	63.6	68.2	77.9	80.7	81.2	84.0	87.2	87.4	89.3	90.0	90.5	90.9	91.0	91.3	91.3	91.5
≥ 1000	50.3	64.2	68.7	79.0	81.9	82.5	85.3	88.6	88.8	90.7	91.4	91.9	92.3	92.4	92.7	92.7	92.9
≥ 900	50.3	64.2	68.7	79.5	82.5	83.2	86.1	89.5	89.8	92.0	92.7	93.2	93.7	94.1	94.3	94.3	94.5
≥ 800	50.3	64.2	68.7	79.6	82.7	83.4	86.4	90.1	90.3	92.6	93.2	93.7	94.3	94.6	94.8	94.8	95.0
≥ 700	50.3	64.3	68.8	79.8	83.1	83.7	86.9	90.7	91.0	93.5	94.3	94.9	95.5	95.8	96.0	96.0	96.2
≥ 600	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.4	96.2	96.8	97.3	97.5	97.5	97.7
≥ 500	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.7	96.9	97.6	98.5	98.7	98.7	98.9
≥ 400	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.1	99.1	99.3
≥ 300	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.2	99.2	99.4
≥ 200	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.2	100.0	100.0
≥ 100	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] LAKENHEATH RAF UK 73-80 [illegible]
STATION STATION NAME YEARS UNITS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

CEILING (FEET) — VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)

CEILING (FEET)	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE48	≥5 GE40	≥4 GE32	≥3 GE24	≥2½ GE20	≥2 GE16	≥1½ GE12	≥1 GE10	≥¾ GE8	≥½ GE5	≥¼ GE4	<¼
[illegible]	14.0	19.8	21.9	24.9	25.9	25.9	26.3	26.6	26.8	27.2	27.9	28.[illegible]	28.[illegible]	28.1	28.9	29.3
2500	17.7	24.7	27.3	30.8	31.9	32.0	32.5	32.9	33.2	33.6	34.4	34.5	34.5	34.6	34.7	34.9
2000	17.9	24.9	27.5	31.1	32.2	32.3	32.9	33.2	33.5	33.9	34.7	34.8	34.8	34.9	35.[illegible]	35.2
1800	17.9	24.9	27.5	31.1	32.2	32.3	32.9	33.2	33.5	33.9	34.7	34.8	34.8	34.9	35.[illegible]	35.2
1500	18.1	25.0	27.6	31.3	32.3	32.4	33.0	33.3	33.6	34.1	34.9	34.9	34.9	35.0	35.1	35.3
1200	18.2	25.2	27.8	31.5	32.5	32.7	33.2	33.5	33.8	34.3	35.[illegible]	35.1	35.1	35.2	35.3	35.6
1000	18.4	25.4	28.6	32.3	33.4	33.5	34.1	34.4	34.7	35.1	35.9	36.[illegible]	36.[illegible]	36.1	36.2	36.4
900	19.3	26.3	29.4	33.5	34.6	34.7	35.2	35.6	35.9	36.3	37.1	37.2	37.2	37.3	37.4	37.6
800	21.1	28.2	31.5	36.0	37.1	37.3	37.8	38.1	38.5	38.9	39.7	39.8	39.8	39.9	40.[illegible]	40.2
700	22.7	29.2	32.5	37.4	38.5	38.7	39.2	39.5	39.9	40.3	41.1	41.2	41.2	41.3	41.4	41.6
600	22.8	29.2	32.5	37.5	38.6	38.8	39.3	39.8	40.1	40.6	41.4	41.5	41.5	41.6	41.7	41.9
500	22.6	30.3	33.6	38.9	40.1	40.3	40.8	41.3	41.6	42.1	42.9	43.[illegible]	43.[illegible]	43.1	43.2	43.5
450	27.3	35.5	39.1	45.3	46.9	47.1	47.8	48.3	48.7	49.4	50.1	50.3	50.3	50.4	50.5	50.9
400	37.6	45.1	43.0	50.6	52.4	52.6	53.4	53.9	54.3	55.2	55.9	56.1	56.1	56.4	56.5	56.8
350	34.2	44.2	48.5	55.4	57.2	57.4	58.4	58.9	59.4	60.3	61.1	61.3	61.3	61.5	61.6	62.0
300	37.4	48.8	53.3	61.3	63.3	63.6	64.8	65.4	65.8	66.8	67.6	67.8	67.8	68.[illegible]	68.1	68.4
250	39.2	51.2	56.1	64.2	66.3	66.7	68.3	69.[illegible]	69.4	70.4	71.1	71.3	71.3	71.[illegible]	71.8	72.1
200	43.8	56.3	61.3	71.0	73.5	73.9	76.1	76.8	77.4	78.6	79.3	79.5	79.5	79.8	80.[illegible]	80.7
180	43.9	56.5	61.6	71.3	73.8	74.2	76.4	77.2	77.7	78.9	79.6	79.8	79.8	80.[illegible]	80.[illegible]	81.6
150	45.5	58.4	64.[illegible]	74.5	77.0	77.5	79.7	80.5	81.1	82.3	83.1	83.3	83.3	83.6	83.7	84.1
100	47.1	61.[illegible]	67.2	78.3	80.7	81.3	83.7	84.7	85.3	86.6	87.4	87.6	87.7	88.0	88.1	88.5
90	47.4	61.4	67.9	78.9	81.6	82.1	84.9	85.9	86.5	87.8	88.6	88.8	88.9	89.2	89.3	89.7
80	47.4	61.4	67.9	79.4	82.4	83.0	86.2	87.3	87.9	89.2	90.[illegible]	90.2	90.3	90.6	90.7	91.1
70	47.7	61.7	68.2	80.2	83.2	83.7	87.0	88.5	89.2	90.7	91.5	91.7	91.8	92.1	92.2	92.6
60	47.7	62.[illegible]	69.5	80.5	83.8	84.4	87.7	89.3	90.5	92.1	92.9	93.1	93.3	93.6	93.8	94.1
50	47.8	62.1	68.8	80.8	84.2	84.7	88.[illegible]	90.7	91.9	93.5	94.3	94.5	94.7	95.0	95.2	95.5
40	47.8	62.1	68.8	80.9	84.3	84.8	88.3	91.4	93.[illegible]	94.7	95.7	96.0	96.2	96.7	96.8	97.1
30	47.8	62.1	68.8	80.9	84.3	84.8	88.3	91.7	93.4	95.4	96.7	97.0	97.4	97.8	98.1	98.4
20	47.8	62.1	68.8	80.9	84.3	84.8	88.4	91.9	93.6	95.6	96.9	97.4	97.8	98.4	98.6	98.9
10	47.8	62.1	68.8	81.9	84.3	84.8	88.4	91.9	93.6	95.6	96.9	97.4	97.8	98.5	98.8	99.6
0	47.8	62.1	68.8	80.9	84.3	84.8	88.4	91.9	93.6	95.6	96.9	97.4	97.8	98.5	98.8	100.0
	47.8	62.1	68.8	80.9	84.3	84.8	88.4	91.9	93.6	95.6	96.9	97.4	97.8	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 978

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] LAKENHEATH RAF, UK 73-80 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1 GE1½	¾ GE1	½ GE¾	¼ GE½	0 GE¼	≥0 GE0
CLR	18.3	23.7	26.5	29.2	30.7	30.7	31.7	31.5	31.5	32.7	32.7	32.3	32.4	32.9	33.0	33.7
25000	21.1	27.3	30.3	33.3	34.8	34.8	35.1	35.6	35.6	36.1	36.3	36.4	36.5	37.1	37.3	38.1
18000	21.3	27.6	30.6	33.6	35.1	35.1	35.5	35.9	35.9	36.4	36.6	36.7	36.9	37.4	37.6	38.4
9000	21.4	27.7	30.7	33.7	35.2	35.2	35.6	36.0	36.0	36.5	36.7	36.9	37.0	37.5	37.7	38.5
4500	21.4	27.7	30.7	33.7	35.2	35.2	35.6	36.0	36.0	36.5	36.7	36.9	37.0	37.5	37.7	38.5
3000	21.4	27.7	30.7	33.7	35.2	35.2	35.6	36.0	36.0	36.5	36.7	36.9	37.0	37.5	37.7	38.5
2000	22.2	28.8	31.8	34.9	36.4	36.4	36.7	37.2	37.2	37.7	37.9	38.0	38.1	38.7	38.9	39.7
1500	22.6	29.2	32.3	35.6	37.3	37.3	37.6	38.1	38.1	38.7	38.9	39.0	39.1	39.7	39.9	40.6
1000	24.1	31.1	34.9	38.6	40.1	40.1	40.5	41.1	41.1	41.6	41.8	41.9	42.0	42.6	42.8	43.5
800	24.8	31.9	35.8	39.5	41.1	41.1	41.5	42.0	42.0	42.6	42.8	42.9	43.0	43.5	43.8	44.5
600	24.8	31.9	35.8	39.7	41.2	41.2	41.6	42.1	42.1	42.7	42.9	43.0	43.1	43.6	43.9	44.6
500	26.2	33.6	37.7	41.6	43.3	43.3	43.8	44.3	44.3	44.9	45.2	45.3	45.4	45.9	46.1	46.9
400	29.8	37.9	42.5	47.6	49.8	49.8	50.4	51.1	51.1	51.8	52.0	52.2	52.3	52.8	53.0	53.8
300	34.9	43.4	48.5	54.3	56.7	56.7	57.5	58.2	58.2	58.9	59.2	59.3	59.4	59.9	60.1	60.9
200	37.8	47.1	52.5	58.8	61.2	61.2	62.1	62.9	62.9	63.7	63.9	64.0	64.1	64.7	64.9	65.6
150	41.7	52.9	58.4	63.5	65.8	65.9	66.9	67.9	67.9	68.6	68.9	69.0	69.1	69.6	69.8	70.6
100	42.2	53.8	58.6	66.1	68.8	69.0	69.9	71.0	71.0	71.8	72.0	72.1	72.2	72.7	73.0	73.7
80	47.4	59.4	65.6	73.7	76.4	76.6	78.0	79.2	79.2	80.0	80.2	80.3	80.4	80.9	81.1	81.9
60	47.7	59.7	65.9	74.0	76.7	77.0	78.4	79.6	79.6	80.4	80.6	80.7	80.8	81.4	81.6	82.3
50	49.9	62.4	68.6	77.2	80.4	80.8	82.3	83.5	83.5	84.3	84.5	84.6	84.7	85.2	85.5	86.2
40	51.7	64.8	71.7	80.6	84.1	84.5	86.3	87.8	87.8	88.6	88.8	88.9	89.0	89.5	89.8	90.5
30	51.9	65.0	72.2	81.4	84.9	85.3	87.3	88.8	88.8	89.7	89.9	90.0	90.1	90.6	90.8	91.6
20	52.2	65.4	72.8	82.3	85.9	86.3	88.6	90.1	90.1	90.9	91.2	91.3	91.4	91.9	92.1	92.9
15	52.3	65.5	73.1	82.8	86.4	86.9	89.4	91.1	91.1	91.9	92.1	92.2	92.3	92.9	93.1	93.9
10	52.4	65.6	73.3	83.4	87.1	87.5	90.5	92.1	92.2	93.1	93.3	93.4	93.5	94.1	94.3	95.0
7	52.4	65.6	73.3	83.4	87.2	87.6	90.6	92.2	92.3	93.2	93.4	93.5	93.6	94.2	94.4	95.2
5	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.1	93.2	94.1	94.3	94.4	94.5	95.1	95.3	96.0
4	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.2	93.3	94.4	94.6	94.7	94.8	95.4	95.6	96.4
3	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.2	93.3	94.4	94.6	94.7	94.8	95.5	95.8	96.8
2	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.5	95.6	96.2	96.9	98.7
1	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0
	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03991 LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																
	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
	(11000)	(8000)	(6400)	(4800)	(4000)	(3200)	(2400)	(2000)	(1600)	(1200)	(800)	(400)	(200)	(150)	(100)	(50)	(0)
CLR	19.4	23.9	26.4	28.3	31.0	31.0	32.5	31.5	31.6	31.9	31.9	32.1	32.1	32.4	32.7	33.2	
25000	20.9	26.0	28.5	31.0	32.2	32.2	33.4	34.4	34.5	34.8	34.8	35.1	35.1	35.3	35.6	36.2	
20000	21.1	26.1	28.6	31.1	32.8	32.8	33.5	34.5	34.6	35.0	35.0	35.2	35.2	35.4	35.7	36.4	
18000	21.1	26.1	28.6	31.1	32.8	32.8	33.5	34.5	34.6	35.0	35.0	35.2	35.2	35.4	35.7	36.4	
16000	21.1	26.2	28.7	31.2	32.9	32.9	33.7	34.6	34.7	35.1	35.1	35.3	35.3	35.5	35.8	36.5	
14000	21.1	26.2	28.7	31.2	32.9	32.9	33.7	34.6	34.7	35.1	35.1	35.3	35.3	35.5	35.8	36.5	
12000	22.3	27.8	30.3	32.8	34.5	34.5	35.3	36.2	36.4	36.7	36.7	36.9	36.9	37.1	37.4	38.1	
10000	23.1	28.6	31.1	33.5	35.3	35.3	36.2	37.2	37.3	37.6	37.6	37.9	37.9	38.1	38.4	39.1	
9000	25.1	31.1	34.2	36.7	38.5	38.5	39.7	41.0	41.1	41.4	41.4	41.6	41.6	41.9	42.2	42.8	
8000	25.6	31.8	34.7	37.4	39.3	39.3	40.5	41.7	41.9	42.2	42.2	42.4	42.4	42.6	42.9	43.6	
7000	25.7	31.9	34.8	37.8	39.6	39.6	40.8	42.1	42.2	42.5	42.5	42.7	42.7	42.9	43.3	43.9	
6000	27.1	33.5	36.6	39.8	41.6	41.6	42.9	44.1	44.2	44.6	44.6	44.8	44.8	45.1	45.5	46.1	
5000	30.6	38.7	42.2	46.0	48.1	48.1	49.9	51.2	51.3	51.8	51.8	52.0	52.0	52.2	52.5	53.2	
4500	35.1	43.6	47.6	52.3	54.5	54.7	56.6	58.1	58.3	58.7	58.7	58.9	58.9	59.1	59.4	60.1	
4000	39.2	48.2	52.2	57.0	59.1	59.3	61.3	62.8	62.9	63.3	63.3	63.5	63.5	63.8	64.2	64.8	
3500	42.6	52.2	57.1	61.8	64.0	64.2	66.2	67.9	68.0	68.4	68.4	68.6	68.6	68.8	69.5	70.1	
3000	44.1	53.8	59.0	64.2	66.5	66.7	68.8	70.4	70.6	71.0	71.0	71.2	71.2	71.4	72.1	72.7	
2500	48.1	58.6	64.4	70.0	72.3	72.6	74.9	76.6	76.7	77.1	77.1	77.3	77.3	77.6	78.2	78.9	
2000	48.9	61.3	67.9	73.8	76.1	76.4	78.7	80.4	80.5	81.0	81.0	81.2	81.2	81.4	82.0	82.7	
1800	49.8	62.2	68.8	74.8	77.1	77.4	79.7	81.4	81.5	82.0	82.0	82.2	82.2	82.4	83.0	83.7	
1600	51.8	63.2	69.5	75.9	78.2	78.5	80.8	82.5	82.6	83.1	83.1	83.3	83.3	83.5	84.1	84.8	
1400	52.3	63.8	70.2	76.5	78.8	79.1	81.4	83.1	83.2	83.7	83.7	83.9	83.9	84.1	84.7	85.4	
1200	53.6	65.5	72.1	78.5	81.0	81.3	83.7	85.4	85.5	86.0	86.0	86.2	86.2	86.4	87.0	87.7	
1000	54.2	66.0	72.6	79.3	81.8	82.1	84.5	86.2	86.3	86.8	86.8	87.0	87.0	87.2	87.8	88.5	
900	54.2	66.1	72.8	79.5	82.0	82.3	84.7	86.4	86.5	87.0	87.0	87.2	87.2	87.4	88.0	88.7	
800	54.2	66.5	73.2	80.0	82.5	82.8	85.2	86.9	87.0	87.5	87.5	87.7	87.7	87.9	88.5	89.2	
700	54.3	66.6	73.8	81.4	83.6	83.9	86.3	88.0	88.1	88.6	88.6	88.8	88.8	89.0	89.6	90.3	
600	54.3	66.7	74.0	81.9	84.8	85.1	87.8	89.5	89.6	90.1	90.1	90.3	90.3	90.5	91.2	91.9	
500	54.3	66.7	74.0	82.0	85.2	85.5	88.2	90.0	90.1	90.6	90.6	90.8	90.8	91.0	91.7	92.4	
400	54.3	66.7	74.0	82.0	85.3	85.8	89.1	91.0	91.1	91.6	91.6	91.8	91.8	92.0	92.7	93.4	
300	54.3	66.7	74.0	82.0	85.3	85.8	89.2	91.7	91.9	92.4	92.4	92.6	92.6	92.8	93.5	94.2	
200	54.3	66.7	74.0	82.0	85.3	85.8	89.2	91.9	92.2	92.7	92.7	92.9	92.9	93.1	93.8	94.5	
100	54.3	66.7	74.0	82.0	85.3	85.8	89.2	92.0	92.3	92.8	92.8	93.0	93.0	93.2	93.9	94.6	
0	54.3	66.7	74.0	82.0	85.3	85.8	89.2	92.0	92.3	92.8	92.8	93.0	93.0	93.2	93.9	94.6	

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831 LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING VERSUS VISIBILITY

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																	
	≥10 ST9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE4	≥4 GE3	≥3 GE2	≥2½ GE2	≥2 GE2	≥1½ GE1	≥1¼ GE1	≥1 GE1	≥⅞ GE	≥¾ GE	≥½ GE	≥¼ GE	≥0 GE
NO CEILING	17.7	22.9	24.9	27.3	28.5	28.6	29.5	30.2	30.3	30.7	30.9	31.0	31.1	31.2	31.4	32.1		
≥ 20000	20.3	26.3	29.4	31.2	32.3	32.5	33.4	34.1	34.3	34.7	34.9	35.1	35.1	35.3	35.5	36.1		
≥ 10000	20.4	26.4	28.5	31.3	32.5	32.6	33.5	34.3	34.5	34.9	35.1	35.2	35.3	35.5	35.7	36.3		
≥ 6000	20.4	26.4	28.6	31.4	32.5	32.7	33.6	34.3	34.5	34.9	35.1	35.2	35.3	35.5	35.7	36.3		
≥ 4500	20.4	26.5	28.4	31.4	32.6	32.7	33.6	34.3	34.5	34.9	35.1	35.3	35.3	35.5	35.7	36.3		
≥ 3500	20.5	26.5	28.7	31.4	32.6	32.7	33.7	34.4	34.6	35.0	35.2	35.3	35.4	35.6	35.8	36.4		
≥ 3000	21.2	27.4	29.6	32.5	33.7	33.8	34.9	35.6	35.7	36.1	36.3	36.5	36.6	36.8	37.0	37.6		
≥ 2500	21.8	28.0	30.3	33.4	34.6	34.7	35.9	36.5	36.7	37.1	37.3	37.5	37.6	37.8	38.0	38.6		
≥ 2000	23.7	30.4	32.9	36.1	37.3	37.5	38.6	39.5	39.7	40.1	40.3	40.5	40.6	40.8	41.0	41.6		
≥ 1800	24.3	31.3	33.9	37.3	38.5	38.7	39.9	40.8	41.0	41.5	41.7	41.8	41.9	42.1	42.3	42.9		
≥ 1600	24.9	31.6	34.2	37.7	38.9	39.1	40.3	41.2	41.5	41.9	42.2	42.3	42.4	42.6	42.8	43.4		
≥ 1400	25.8	33.3	36.1	39.7	40.9	41.1	42.4	43.4	43.6	44.1	44.3	44.5	44.6	44.8	45.0	45.7		
≥ 1200	29.5	37.9	41.9	45.3	46.9	47.1	48.5	49.6	49.8	50.4	50.7	50.9	51.0	51.3	51.5	52.2		
≥ 1000	33.5	42.8	46.4	51.4	53.1	53.3	54.9	56.1	56.4	57.1	57.4	57.6	57.8	58.1	58.3	59.0		
≥ 900	37.1	47.0	50.9	56.1	57.9	58.	60.9	61.3	61.7	62.5	62.8	63.0	63.1	63.4	63.6	64.4		
≥ 800	40.0	50.9	55.1	60.7	62.7			66.7	67.1	68.0	68.3	68.5	68.6	68.9	69.2	70.0		
≥ 700	42.1	53.3	57.7	63.7	65.8	.1	68.	70.0	70.5	71.4	71.7	71.9	72.1	72.4	72.7	73.4		
≥ 600	45.5	57.7	62.6	69.5	71.9	72.2	74.5	76.4	76.9	77.9	78.2	78.5	78.6	78.9	79.2	79.9		
≥ 500	46.1	58.4	63.3	70.5	72.9	73.2	75.5	77.4	78.1	78.9	79.2	79.5	79.6	79.9	80.2	81.0		
≥ 450	48.1	61.0	66.2	74.0	76.6	76.9	79.4	81.3	81.8	82.8	83.2	83.4	83.5	83.8	84.1	84.9		
≥ 400	49.4	63.1	68.6	76.7	79.5	79.9	82.9	84.6	85.2	86.2	86.5	86.7	86.9	87.2	87.5	88.3		
≥ 350	50.1	63.7	69.5	77.8	80.6	81.1	83.8	86.1	86.5	87.6	87.9	88.2	88.3	88.6	88.9	89.7		
≥ 300	50.2	63.9	69.7	78.2	81.2	81.7	84.6	86.4	87.4	88.4	88.8	89.0	89.1	89.5	89.7	90.5		
≥ 250	50.5	64.3	70.3	79.1	82.5	82.9	85.9	88.0	88.8	89.9	90.2	90.5	90.6	91.0	91.2	92.0		
≥ 200	50.5	64.4	70.6	79.7	83.2	83.7	86.8	89.1	89.8	91.0	91.4	91.6	91.8	92.2	92.4	93.2		
≥ 150	50.5	64.5	70.6	80.0	83.7	84.1	87.4	89.9	90.6	91.8	92.2	92.4	92.6	93.0	93.3	94.0		
≥ 100	50.5	64.5	70.7	80.2	83.9	84.4	87.9	90.7	91.5	92.8	93.2	93.5	93.7	94.1	94.3	95.1		
≥ 070	50.5	64.5	70.8	80.2	83.9	84.5	88.1	91.0	91.9	93.4	93.8	94.1	94.4	94.8	95.1	95.9		
≥ 050	50.5	64.5	70.8	80.2	84.0	84.6	88.3	91.5	92.3	94.0	94.5	94.9	95.2	95.9	96.4	97.3		
≥ 030	50.5	64.5	70.8	80.2	84.0	84.6	88.3	91.5	92.5	94.3	94.7	95.3	95.7	96.6	97.3	98.6		
≥ 020	50.5	64.5	70.8	80.3	84.0	84.6	88.3	91.5	92.5	94.3	94.8	95.4	95.8	96.7	97.6	99.0		
0	50.5	64.5	70.8	80.3	84.0	84.6	88.3	91.5	92.5	94.3	94.8	95.4	95.8	96.8	97.6	100.0		

TOTAL NUMBER OF OBSERVATIONS 7816

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) LAKENHEATH RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4	≥5 GE3	≥4 GE2	≥3 GE2	≥2½ GE2	≥2 GE2	≥1¾ GE1	≥1½ GE1	≥1¼ GE1	≥1 GE1	≥¾ GE0	≥½ GE0
NO CEILING	20.3	27.0	29.0	31.5	32.4	32.5	33.3	33.9	34.0	34.2	34.3	34.4	34.5	34.6	34.7	35.1
≥ 20000	23.8	31.5	33.8	36.8	37.7	37.9	38.8	39.4	39.5	39.8	40.0	40.0	40.1	40.3	40.4	40.8
≥ 18000	23.9	31.7	34.0	37.0	38.0	38.1	39.1	39.6	39.8	40.1	40.2	40.3	40.3	40.5	40.6	41.0
≥ 16000	23.9	31.7	34.0	37.0	38.0	38.2	39.1	39.7	39.8	40.1	40.2	40.3	40.4	40.5	40.6	41.0
≥ 14000	24.1	31.8	34.1	37.1	38.1	38.3	39.2	39.8	39.9	40.2	40.3	40.4	40.5	40.6	40.7	41.1
≥ 12000	24.1	32.0	34.4	37.4	38.4	38.6	39.5	40.1	40.2	40.5	40.6	40.7	40.8	40.9	41.1	41.4
≥ 10000	25.1	33.3	35.9	38.9	40.0	40.1	41.1	41.7	41.8	42.1	42.3	42.4	42.4	42.6	42.7	43.1
≥ 9000	25.6	34.0	36.6	39.8	40.9	41.1	42.1	42.7	42.8	43.1	43.2	43.3	43.4	43.5	43.7	44.1
≥ 8000	28.5	37.6	40.4	44.0	45.1	45.3	46.4	47.1	47.2	47.5	47.7	47.8	47.9	48.1	48.1	48.5
≥ 7000	29.4	38.9	41.8	45.5	46.7	46.9	48.0	48.7	48.8	49.2	49.3	49.4	49.5	49.6	49.8	50.2
≥ 6000	29.6	39.2	42.2	46.0	47.1	47.4	48.5	49.2	49.3	49.7	49.8	49.9	50.0	50.2	50.3	50.7
≥ 5000	31.7	41.8	44.9	48.9	50.1	50.4	51.5	52.3	52.4	52.8	52.9	53.0	53.1	53.3	53.4	53.8
≥ 4500	35.0	46.0	49.5	53.9	55.3	55.6	56.8	57.6	57.8	58.2	58.4	58.5	58.5	58.7	58.9	59.3
≥ 4000	39.8	51.8	55.7	60.7	62.2	62.5	63.9	64.8	65.0	65.5	65.6	65.7	65.8	66.0	66.1	66.6
≥ 3500	43.0	55.8	59.9	65.2	66.8	67.1	68.6	69.5	69.8	70.2	70.4	70.5	70.6	70.8	70.9	71.4
≥ 3000	46.8	60.5	64.9	70.5	72.2	72.6	74.2	75.2	75.4	75.9	76.1	76.2	76.3	76.5	76.6	77.1
≥ 2500	48.4	62.7	67.3	73.2	75.1	75.4	77.1	78.1	78.4	78.9	79.1	79.2	79.3	79.5	79.7	80.1
≥ 2000	50.8	65.9	70.9	77.5	79.5	79.9	81.7	82.8	83.1	83.7	83.9	84.0	84.1	84.3	84.5	84.9
≥ 1800	51.2	66.5	71.6	78.3	80.3	80.7	82.5	83.7	84.0	84.6	84.8	84.9	85.0	85.2	85.3	85.8
≥ 1500	52.5	68.2	73.7	80.8	83.0	83.4	85.3	86.6	86.9	87.5	87.7	87.8	87.9	88.1	88.2	88.7
≥ 1200	53.5	69.7	75.4	83.0	85.3	85.8	87.9	89.2	89.6	90.2	90.4	90.5	90.6	90.8	91.0	91.4
≥ 1000	53.7	70.1	76.0	83.8	86.4	86.9	89.1	90.5	90.8	91.5	91.7	91.8	92.0	92.1	92.3	92.7
≥ 900	53.8	70.3	76.3	84.2	86.8	87.3	89.6	91.1	91.4	92.1	92.3	92.5	92.6	92.8	92.9	93.4
≥ 800	53.9	70.5	76.6	84.8	87.6	88.1	90.5	92.1	92.5	93.2	93.4	93.6	93.7	93.9	94.1	94.5
≥ 700	54.0	70.7	76.9	85.3	88.1	88.7	91.2	93.0	93.4	94.1	94.4	94.5	94.7	94.9	95.0	95.5
≥ 600	54.0	70.8	77.0	85.6	88.5	89.1	91.7	93.6	94.0	94.8	95.1	95.3	95.4	95.6	95.8	96.2
≥ 500	54.1	70.8	77.1	85.9	88.9	89.5	92.3	94.3	94.8	95.7	96.0	96.2	96.3	96.5	96.7	97.2
≥ 400	54.1	70.9	77.2	85.9	89.0	89.6	92.5	94.6	95.3	96.3	96.6	96.8	97.0	97.2	97.4	97.9
≥ 300	54.1	70.9	77.2	86.0	89.0	89.7	92.6	94.9	95.5	96.6	97.0	97.3	97.5	97.8	98.0	98.5
≥ 200	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.5	96.7	97.2	97.5	97.7	98.2	98.5	99.2
≥ 100	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.6	96.7	97.2	97.5	97.8	98.3	98.6	99.8
≥ 0	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.6	96.7	97.2	97.5	97.8	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 87171

USAF ETAC FORM NOV 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

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

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

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03983I LAKENHEATH RAF UK 49-83

STATION STATION NAME YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.5	.6	.3					.1
85						1.7	2.4	1.6	.3				.5
80					.7	5.9	7.8	6.5	1.3				1.8
75			.1	.3	4.2	15.1	22.6	20.8	7.0	.6			5.9
70			.4	1.4	13.1	34.5	46.7	46.0	22.4	3.1			13.9
65			1.5	5.5	28.5	63.7	77.8	79.8	51.4	14.4	.1		26.9
60		.7	5.2	19.8	55.4	88.3	96.7	97.7	85.9	38.6	3.2	.1	41.0
55	2.6	5.0	23.2	45.1	82.8	97.9	100.0	100.0	98.1	73.2	19.9	5.4	54.5
50	20.1	21.8	50.1	76.2	96.9	99.9			100.0	93.7	49.2	25.2	69.5
45	42.8	46.0	73.6	94.5	99.9	100.0				99.8	79.7	49.2	82.2
40	66.2	72.5	91.8	99.3	100.0					100.0	94.2	74.8	91.6
35	88.8	92.0	99.1	100.0							99.2	92.7	97.7
30	98.4	98.9	100.0								99.7	99.7	99.7
25	99.6	99.9									100.0	100.0	100.0
20	99.9	100.0											100.0
15	100.0												100.0
MEAN	42.9	43.8	49.2	54.0	61.0	67.3	69.7	69.7	65.4	58.1	49.1	44.6	56.2
S D	6.712	6.615	6.806	6.435	6.970	7.074	6.485	5.958	5.719	5.978	5.951	6.488	11.786
TOTAL OBS	1037	946	1025	978	1036	975	1007	1019	1008	1046	1000	1031	12108

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03S831 LAKENHEATH RAF UK 40-83
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70						.2							.0
65						.3	.2	.1	.1				.1
60						2.6	7.0	7.3	2.3	.5			1.6
55	.1				2.1	19.6	41.6	38.2	18.1	5.3	.6	.1	10.4
50	.7	.4	1.4	3.3	17.9	55.2	79.8	74.0	49.7	24.7	5.4	1.3	26.1
45	6.8	5.0	8.2	15.3	50.8	83.4	95.5	94.7	78.4	49.6	19.7	10.9	43.2
40	20.3	18.4	26.2	43.7	79.8	96.3	99.6	98.9	94.1	74.4	44.3	26.4	60.3
35	47.7	44.1	60.8	76.2	95.3	99.4	100.0	100.0	99.4	91.3	70.4	54.4	78.3
33	59.9	55.6	72.9	86.4	98.0	99.6			99.9	95.0	79.3	65.6	84.4
30	75.8	75.9	85.3	95.2	99.6	99.9				99.1	88.9	79.0	91.6
25	89.6	90.5	95.7	99.4	100.0	100.0			100.0	100.0	97.1	91.3	97.0
20	95.7	96.8	99.1	100.0							99.4	97.0	99.0
15	98.5	98.9	99.9								100.0	99.1	99.7
10	99.6	99.9	100.0									99.9	99.9
5	99.9	100.0										100.0	100.0
0	100.0												100.0
MEAN	33.8	33.4	35.7	38.7	44.2	49.7	53.0	52.5	49.0	44.2	38.3	35.0	42.3
S D	7.487	6.848	6.279	5.714	5.438	5.379	4.653	4.881	5.740	6.667	7.049	7.514	9.412
TOTAL OBS	1037	946	1025	978	1036	975	1006	1019	1008	1046	1000	1031	12107

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

235831 LAKENHEATH RAF UK 49-83

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.2							.0
75						.6	.6	.6	.1				.2
70						3.6	6.4	4.3	.9				1.3
65					1.6	12.2	25.9	22.6	8.1	.6			5.9
60			.1	.6	11.6	41.9	65.6	62.5	33.1	8.2	.3		18.6
55	.1	.3	1.5	7.7	37.1	78.9	94.7	95.5	71.4	29.3	3.4	.5	35.3
50	3.9	4.4	12.0	30.0	73.3	97.2	99.8	99.9	94.9	62.9	18.0	7.7	50.4
45	20.3	20.0	39.7	63.1	94.2	99.7	100.0	100.0	99.7	88.5	47.1	26.4	66.7
40	45.5	44.6	70.2	91.6	100.0	100.0			100.0	98.4	76.2	54.2	81.8
35	72.1	75.4	92.8	99.7						100.0	93.8	77.3	92.6
30	90.5	93.3	98.8	100.0							98.6	93.1	97.9
25	97.1	98.4	99.8								99.8	98.9	99.5
20	99.4	99.8	100.0								100.0	99.8	99.9
15	99.8	100.0										100.0	100.0
10	100.0												100.0
MEAN	38.6	38.9	42.7	46.6	52.8	58.7	61.6	61.3	57.4	51.8	43.9	39.9	49.5
S D	6.780	6.338	5.790	5.278	5.330	5.341	4.735	4.491	4.963	5.655	6.113	6.687	10.165
TOTAL OBS	1037	946	1025	978	1036	975	1006	1019	1008	1046	1000	1031	12107

USAFETAC FORM JUL 84 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

03931 (STATION) LAKENHEATH RAF UK (STATION NAME) 49-93 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					69	85	87	84	88	74	58*	55	
50	55	60	63	66	71	90	84	80	71	71	56	52	90
51	52	50	57	73	68	74	79	79*	77	65	59	54	79
52	53	53	58	75	78	87	87	78	71	59	55	51	87
53	55	56	69	65	82	79	81	89	77	71	57	58	89
54	58	55	59	61	81	74	75	80	85	68	58	58	85
55	54	51	58	70	68	75	88	85	78	68	60	59	88
56	56	51	63	63	75	71*	80	71	77	63*	55*	56	* 80
57 *	53*	57*	67*	64*	71*	90*	81*	79*	69*	65*	54*	55	* 90
58 *	52*	59*	58*	72*	75*	75*	78	78	80	63	56*	54	80
59	53	63	61	70	78	82	91	85	80	77	58*	55	91
60 *	55	62	62	63	76*	84	73	75	74	68	61	55	* 84
61	54	60	68	65	73	85	90	85	82	71	59	58	90
62	55	56	55	68	66	77	75	75	76	67	57	55	77
63	41	41	59	66	80	81	80	74	74	69	60	49	81
64	53	57	54	68	80	75	80	90	76	71	58	59	90
65	54	50	73	65	80	72	72	75	70	73	59	57	80
66	53	56	55	69	79	81	75	80	72	68	60	54	81
67	55	55	65	70	79	73	84	78	76	69	59	56	84
68	54	47	77	77	72	80	90	79	77	70	58	52	90
69	54	49	56	71	79	79	90	90	77	77	65	54	90
70	49	54	59	61	75	85	88	81	78	74	61	54	88
71	53	53*	53				*	75	75	71	60	57	
72	51	51	66	60	66	69	78	75	71	71	60	57	78
73	51	55	64	62	71	78*	82	87	86	71	60	53	87
74	57	55	60	66	73	75	75	78	71	57	57	60	78
75	57	53	55	66*	69	80	86	91	73	64	57	53	91
76	55	60	57	64	78	93	93	84	73	66	55	48	93
77	53	55	64	66	77	80	84	82	75	69	62	59	84
78	49	55	62	60	81	80	77	75	75	75	62	57	81
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 29 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

C75271 STATION — LAKENHEATH RAF UK STATION NAME — 42-83 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	4	48	59	71	78	77	81	77	79	70	64	59	81
80	51	54	57	77	73	82	77	77	75	64	61	57	82
81	54	55	66	68	73	75	82	84	79	66	61	52	84
82	55	57	63	64	77	82	86	86	82	64*	64	59	86
83	59*	52	59	59	77								
MEAN	53.1	54.1	61.4	66.2	75.7	79.2	82.3	80.8	76.7	68.6	59.1	55.3	84.8
S D	3.737	4.585	5.402	4.796	4.736	5.567	6.042	5.298	4.498	4.636	2.391	3.307	4.757
TOTAL OBS	1031	946	1025	978	1036	975	1007	1019	1008	1046	1000	1031	12108

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OEA)

R (AT LEAST ONE DAY LESS THAN 20 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

033831 LAKENHEATH RAF UK 43-83
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					[illegible]	36	43	41	46	30	26*	25	
50	23	27	27	26	35	45	46	45	41	28	24	19	19
51	23	28	26	30	31	39	42	45*	41	26	29	[illegible]	[illegible]
52	15	24	27	28	37	40	44	45	33	26	17	[illegible]	15
53	26	17	24	26	31	41	46	43	41	34	32	27	17
54	19	11	20	28	35	37	43	45	37	31	27	27	11
55	18	11	[illegible]	25	34	39	44	43	41	26	26	[illegible]	11
56	21	17	27	26	31	36*	44	38	42	30*	28*	29	17
57 *	29*	30*	33*	37*	39*	48*	55*	48*	37*	38*	33*	24 *	24
58 *	21*	25*	21*	29*	44*	49*	46	47	40	36	33*	25 *	21
59	27	28	35	35	33	43	47	46	43	36	23*	31	23
60 *	23	24	31	30	32*	41	43	45	41	33	32	27 *	22
61	29	32	28	30	36	38	38	41	43	31	24	11	11
62	11	25	15	28	28	29	40	42	36	30	22	7	7
63	4	8	23	29	32	47	43	44	40	38	27	15	4
64	15	19	25	30	37	41	39	37	36	30	22	12	12
65	24	22	14	29	34	34	39	44	40	30	17	15	14
66	12	22	27	26	32	37	42	37	36	32	23	20	12
67	15	22	29	31	26	34	48	39	36	36	23	[illegible]	15
68	11	21	27	23	31	39	42	44	38	37	28	17	17
69	23	14	17	25	35	36	45	39	26	37	19	22	14
70	14	22	15	24	32	42	45	42	42	30	26	23	14
71	24	23*	19				*	48	35	30	23	28	
72	17	30	30	30	30	37	41	39	33	33	26	23	17
73	24	19	24	26	33	37*	44	42	37	30	23	15	15
74	24	28	26	30	33	39	44	39	37	32	28	33	24
75 *	31	26	28	28*	32	35	42	44	35	32	28	24	24
76	19	32	28	26	33	42	44	39	39	39	30	26	19
77	24	26	26	28	35	41	44	46	41	37	28	32	24
78	24	19	28	26	37	41	44	44	41	35	17	21	17
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 66 0-80-5 (OLA)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

030831 LAKENHEATH RAF UK 42-52 YEARS
STATION STATION NAME

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	14	24	28	30	32	44	44	44	37	32	27	7	14
81	21	30	28	30	32	45	42	41	46	32	27	25	21
81	27	23	32	31	32	43	46	43	43	28	27	17	17
82	19	25	27	30	27	46	50	48	41	34*	31	26	19
83	19*	23	32	32	36								
MEAN	19.9	22.3	25.3	27.8	32.8	39.4	43.5	42.5	38.8	32.2	25.2	21.3	14.5
S D	6.637	6.379	5.170	2.865	3.238	4.074	2.694	2.951	4.022	3.537	4.045	6.854	4.288
TOTAL OBS	1031	946	1025	978	1036	975	1006	1019	1008	1046	1000	1021	12107

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

2

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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55			.0	.4														17	17		
[illegible] / 53		.1	.2	.4														15	16		
[illegible] / 51		.1	1.1	.4														[illegible]	[illegible]		
[illegible] / 49		.1	1.1	.5	.2													34	34	[illegible]	[illegible]
[illegible] / 47		.2	1.0	.5														52	[illegible]	4	[illegible]
[illegible] / 45	.1	.6	.4	.3														34	34	55	[illegible]
[illegible] / 43	.1	.2	.1	.6														[illegible]	34	94	[illegible]
[illegible] / 41	.4	.7	.4	.5														34	34	[illegible]	[illegible]
[illegible] / 39	.1	.1	.2	.1														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 37	.2	.7	.2	.1														64	64	[illegible]	[illegible]
[illegible] / 35	.2	.6	.2	.2														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 33	.1	.7	.3	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 31		.4	.4															4[illegible]	4[illegible]	[illegible]	[illegible]
[illegible] / 29	.5	.3	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 27	.2	.5	.6															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 25	.1	.4	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 23	.2	.5	.1															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 21	.2	.2																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 19	.1	.1																[illegible]	[illegible]	7	[illegible]
[illegible] / 17		.4																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 15		.2																[illegible]	1	[illegible]	[illegible]
[illegible] / 13																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 11																					
[illegible] / 9																					
[illegible] / 7																					
[illegible] / 5																					
TOTAL	.4	5.7	9.3	5.7	4.7	.5												[illegible]	[illegible]	[illegible]	[illegible]

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.	6378019	746683	80.3	9.718	93[illegible]							
Dry Bulb	1518147	362043	39.7	7.383	93[illegible]		14.1					[illegible]
Wet Bulb	1345475	347822	37.4	6.231	93[illegible]		12.8					[illegible]
Dew Point	1131313	316042	34.0	7.676	93[illegible]		37.0					[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE (MAC)

PSYCHROMETRIC SUMMARY

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

HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
[illegible]			.0	.1														7	7		
[illegible]			.2	.4	.2													14	14		
[illegible]		.4	1.0	.7														26	25	6	
[illegible]	.1	.6	2.6	.3														38	38	21	5
[illegible]	.1	2.7	3.8	.7	.													66	66	41	7
[illegible]	.1	1.6	4.6	.6														106	106	64	4
[illegible]	.2	2.7	3.1	.1														88	88	111	4
[illegible]	.1	1.5	2.4	.6														111	111	66	1
[illegible]	.4	1.7	2.3	.2														89	89	71	2
[illegible]	1.2	3.1	1.7	.1														83	83	126	3
[illegible]		.8	1.7	.1														120	120	6	1
[illegible]		.4	2.2	.4														93	93	12	1
[illegible]		.4	1.1															77	31	43	7
[illegible]		.4	1.3															47	47	52	25
[illegible]	.6	.6	.6															41	45	53	7
[illegible]	.4	.3																12	12	29	4
[illegible]		.2	.2															12	12	6	4
[illegible]	.1	.4	.2															7	7	9	1
[illegible]		.2																2	2	7	12
[illegible]		.2																2	2	6	14
[illegible]		.0																4	4	2	7
[illegible]		.1																1	1	2	5
[illegible]																				1	4
[illegible]																					6
[illegible]																					2
[illegible]																					1
TOTAL	.5	56.5	33.1	4.5	.4														930		93
																		93		93	

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.	6468887	74761	80.4	9.221	930							
Dry Bulb	1482317	36485	39.2	7.411	930		16.7					93
Wet Bulb	1315234	34766	37.3	6.584	930		21.7					93
Dew Point	1110396	31218	33.6	7.767	930		39.8					93

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

USAFETAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: CARSWELL AFB TX YEARS: 74-83 MONTH: JLY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.	1.2														14	14		
[illegible]			.2	.6														14	14		
[illegible]		.2	1.6	.7														31	23	3	
[illegible]	.3	.3	1.3	.4														27	27	21	5
48/ 47	.1	2.9	3.4	.3														63	63	72	2
46/ 45	.1	4.3	5.3	.4														94	94	72	42
44/ 43	.1	4.6	2.9	.8														78	78	91	46
42/ 41	.3	6.7	4.7	.4														112	112	74	46
[illegible]	.3	5.0	2.7	.1														89	89	86	69
38/ 37	1.9	4.8	2.6	.1														57	37	116	84
36/ 35	.4	8.3	1.9															99	98	98	67
34/ 33	.5	4.7	1.4															62	62	127	89
32/ 31		2.8	1.2															37	37	43	39
[illegible]	.1	4.2	1.2	.2														53	53	47	42
[illegible]	1.2	2.4	.1															32	32	42	71
[illegible]	.1	1.3																13	13	23	28
[illegible]	.1	1.4	.1															15	15	11	34
[illegible]	.1	1.2	.2															12	12	13	22
[illegible]		.4																4	4	11	17
[illegible]		.2																3	3	3	13
[illegible]		.2																2	2	2	4
14/ 13																					6
12/ 11																					4
[illegible]																					2
TOTAL	.9	56.8	32.5	4.7														930	931	931	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.	6131079	75157	80.7	8.894	930							
Dry Bulb	1469773	363.9	39.2	7.496	930		17.1					93
Wet Bulb	1336012	34232	36.3	7.035	930		27.6					93
Dew Point	1098836	31146	33.5	7.746	930		40.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 HOURS (L.S.T.) 0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57			.1	.1														2	[illegible]		
56/ 55			.3	1.1														13	13		
54/ 53		.2	1.1	.3														15	15		
52/ 51		.4	2.6	.9														35	35	61	
[illegible] / 49		.8	3.8	.5	.1													47	47	75	5
48/ 47		3.1	3.6	.2														64	64	57	9
46/ 45		5.7	5.7	1.6														129	129	94	44
44/ 43	.1	4.3	3.4	1.7														99	89	82	63
42/ 41	.2	6.5	5.1	.2														111	111	97	100
40/ 39	.3	5.2	3.3	.1														83	83	112	97
38/ 37	.3	4.1	2.5	.1														91	91	121	33
36/ 35	.4	2.1	1.5	.2														86	86	81	83
34/ 33	.6	3.8	1.3	.3														56	56	111	91
32/ 31		1.2	.6	.1														37	37	86	91
[illegible] / 29		2.5	1.8															40	40	41	80
28/ 27	.6	2.0	.2															27	27	33	69
26/ 25		.5																7	7	27	29
24/ 23		.4	.1															7	7	7	17
22/ 21	.1	.2																3	3	7	22
20/ 19		.5																5	5	3	18
18/ 17		.1																1	1	5	1
16/ 15																				1	4
14/ 13																					0
12/ 11																					5
10/ 9																					4
TOTAL	4.5	51.0	37.0	7.3	.1													929	929		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.	5927648	73714	79.3	9.284	929							
Dry Bulb	1570632	37622	40.5	7.120	929		12.7					93
Wet Bulb	1383194	35312	38.0	6.643	929		16.7					93
Dew Point	1156376	32323	34.8	7.332	929		35.6					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

075531 LAKENHEATH RAF UK 74-83 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.2														2	2		
58/ 57			.1	.3	.1													7	7		
56/ 55		.1	.2	.2	.1													6	6		
54/ 53		.1	1.6	1.3	.1													34	34	4	
52/ 51		.4	4.3	2.7	.1													69	69	8	1
50/ 49		.3	4.3	1.3														64	64	31	4
48/ 47		3.2	4.9	2.8	.7													95	95	103	7
46/ 45	.3	5.1	6.3	2.6														151	151	84	65
44/ 43		3.2	4.3	2.8														93	93	114	76
42/ 41		5.6	3.5	.8	.1													93	93	111	16
40/ 39	.3	3.9	3.1	.5														73	73	106	96
38/ 37	.8	4.1	1.9	.3														66	66	92	116
36/ 35	.1	4.9	2.2	.6														73	73	84	83
34/ 33	.1	3.3	1.6	.6														50	50	87	91
32/ 31		1.6	1.2	.2														28	28	62	75
30/ 29		1.1	.9															18	19	23	75
28/ 27	.2	.5																7	7	26	67
26/ 25		.1																1	1	9	11
24/ 23																				1	10
22/ 21																					10
20/ 19																					10
18/ 17																					8
16/ 15																					2
14/ 13																					1
TOTAL	1.8	36.7	42.7	18.2	.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.	5481264	73772	79.3	6.148	930							
Dry Bulb	1757259	39981	43.0	6.439	930		5.4					93
Wet Bulb	1511806	37092	39.9	5.917	930		10.6					93
Dew Point	1229925	33255	35.8	6.626	930		28.5					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03[illegible] LAKENHEATH RAF UK 74-67 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.2														2	2		
58/ 57				.1	.1													2	2		
56/ 55			.2	.4	.2													9	9		
54/ 53		.1	1.7	1.[illegible]	.1													27	27	[illegible]	
52/ 51		.1	2.6	.6														59	59	4	
50/ 49		.9	3.5	.6														47	47	29	2
48/ 47		1.9	4.9	1.5	.2													[illegible]	80	93	6
46/ 45	.3	5.3	8.4	2.7	.1													165	165	73	55
44/ 43	.2	2.5	5.1	1.5														86	86	103	91
42/ 41	.3	5.8	3.4	1.2														[illegible]	[illegible]	[illegible]	[illegible]
40/ 39	.3	5.1	3.1	.9														87	87	109	83
38/ 37	.9	4.3	3.7	.1														77	77	93	115
36/ 35	.1	4.6	2.3	.2	.1													68	68	85	101
34/ 33	.1	4.0	2.2	.6														65	65	102	81
32/ 31		1.0	.5	.2														16	16	45	77
30/ 29	.2	1.1	.8	.2														21	21	34	60
28/ 27	.3	1.[illegible]	.2															14	14	[illegible]	22
26/ 25		.2																2	2	14	18
24/ 23		.1																1	1	3	16
22/ 21		.1																1	1	1	13
20/ 19		.1																1	1	1	13
18/ 17																				1	6
16/ 15																					3
14/ 13																					5
12/ 11																					1
10/ 9																					1
TOTAL	[illegible]	3.145	12.3	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 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5617387	71681	77.1	9.977	930							
Dry Bulb	1699772	39298	42.3	6.496	930		5.6					93
Wet Bulb	1472798	36584	39.3	6.220	930		11.8					93
Dew Point	1237040	32810	35.4	6.769	930		30.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF UK 74-87 JAN
STATION STATION NAME YEARS MONTH

PAGE [illegible] 1200-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 59				.2														2	2		
[illegible] / 57				.1														1	1		
56/ 55			.1	.4	.1													6	6		
54/ 53		.1	1.4	.6														22	21	2	
52/ 51		.1	3.9	.4	.1													42	42	5	
[illegible] / 49		.3	3.7	.3														40	43	21	1
48/ 47		2.7	2.9	.3														54	58	63	17
46/ 45		4.9	6.6	1.3	.2													121	121	76	41
44/ 43	.3	4.2	6.3	.8														108	108	97	72
42/ 41	.6	6.0	4.4	.1														104	104	100	100
[illegible] / 39	.1	6.7	1.9	.4														95	85	113	82
38/ 37	1.3	4.6	2.6	.1														77	77	104	95
36/ 35	.1	7.3	4.4	.1														111	111	68	103
34/ 33	.3	4.8	2.5															71	71	136	82
32/ 31		1.7	.7	.4														23	23	72	65
30/ 29	.1	1.1	.6															17	17	19	94
28/ 27	.3	1.4	.4	.2														26	26	25	99
26/ 25	.1	.4																5	5	14	25
24/ 23		.7	.1															10	11	4	17
22/ 21	.2																	2	2	12	7
[illegible] / 19	.1																	1	1	2	11
18/ 17		.4																4	4	1	11
16/ 15																				2	4
14/ 13																					1
12/ 11																					4
10/ 9																					2
TOTAL	3.8	47.8	42.0	5.9	.4														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.	5902413	736107	79.1	9.781	930							
Dry Bulb	1583111	37833	40.7	6.885	930		8.8					93
Wet Bulb	1391527	35478	38.1	6.403	930		15.6					93
Dew Point	1158810	32169	34.6	7.069	930		38.5					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

~~03021~~ STATION — LAKENHEATH RAF UK STATION NAME — ~~74-83~~ YEARS — ~~JAN~~ MONTH

PAGE 1 — ~~316 23 0~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
~~58/ 57~~				.7														3	3		
~~54/ 55~~				.5	.3													8	8		
~~54/ 53~~		.2	1.1	.5	.1													16	18		
~~52/ 51~~	.1		2.3	.6														26	26	11	1
~~50/ 49~~		.2	2.7	.9														35	35	21	-
~~48/ 47~~		3.2	2.5	.9														61	61	38	9
~~46/ 45~~	.1	4.1	5.7	1.0														101	101	80	41
~~44/ 43~~	.3	5.3	4.3	1.3														101	101	77	49
~~42/ 41~~	.4	6.8	5.0	.1														114	114	94	94
~~40/ 39~~	.3	6.1	2.3	.1														81	81	123	83
~~38/ 37~~	1.1	6.3	3.2															96	96	102	91
~~36/ 35~~	.4	7.2	2.4	.2														95	95	90	35
~~34/ 33~~		4.4	3.1															75	75	111	97
~~32/ 31~~		2.8	.8	.1														34	34	72	73
~~30/ 29~~		2.2	1.2															31	31	47	94
~~28/ 27~~	.6	1.2	.8	.1														25	25	18	69
~~26/ 25~~	.3	.6																9	9	22	32
~~24/ 23~~		.6	.1															7	7	11	21
~~22/ 21~~	.3	.3																6	6	10	1
~~20/ 19~~	.1	.2																3	3	5	-
~~18/ 17~~		.3																3	3	4	-
~~16/ 15~~																				1	3
~~14/ 13~~		.1																1	1	1	3
~~12/ 11~~																					0
~~10/ 9~~	.1																	1	1	1	7
~~8/ 7~~																					1
TOTAL	4.3	51.6	37.6	6.5	.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.	~~5963789~~	~~71973~~	~~79.6~~	~~8.904~~	~~929~~							
Dry Bulb	~~1529993~~	~~37119~~	~~40.0~~	~~7.107~~	~~929~~		~~12.0~~					~~93~~
Wet Bulb	~~1388376~~	~~34858~~	~~37.5~~	~~6.625~~	~~929~~		~~19.2~~					~~93~~
Dew Point	~~1125678~~	~~31624~~	~~34.0~~	~~7.278~~	~~929~~		~~36.7~~					~~93~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725231 STATION — LAKENHEATH RAF UK STATION NAME — 74-83 YEARS — JAN MONTH

PART — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59				.1														6	6		
[illegible] / 57			.2	.1	.1													15	15		
56 / 55		.2	.4	.5	.1													25	25		
54 / 53		.1	1.2	.7	.1													158	158	9	
[illegible] / 51	.1	.3	3.2	.7	.2													299	299	52	2
50 / 49	.1	.6	3.2	.7	.1													342	342	201	34
48 / 47	.2	2.7	3.7	.9	.1													545	545	474	50
46 / 45	.2	5.2	6.2	1.9	.2													952	952	524	379
44 / 43	.2	4.4	4.2	1.3														737	737	741	465
42 / 41	.3	5.8	4.5	.5	.0													829	829	761	741
40 / 39	.3	5.8	2.6	.3														675	675	795	72[illegible]
38 / 37	1.4	4.8	2.4	.1														650	650	893	716
36 / 35	.2	7.1	2.4	.2	.0													740	740	664	751
34 / 33	.2	4.0	2.2	.3														495	495	917	696
32 / 31		2.4	.9	.1														251	251	414	63[illegible]
30 / 29	.1	2.3	1.2	.1														259	259	326	692
28 / 27	.7	1.5	.4	.0														193	193	247	61[illegible]
26 / 25	.2	.7	.2															67	67	166	235
24 / 23	.1	.7	.1															61	61	63	194
22 / 21	.1	.3	.1															38	38	63	123
[illegible] / 19	.1	.3																22	22	35	116
18 / 17		.3																19	19	31	79
16 / 15		.1																7	7	14	35
14 / 13		.1																2	2	4	33
12 / 11																				1	31
10 / 9	.2																	1	1	1	41
8 / 7																					4
6 / 5																					2
TOTAL	4.2	49.0	36.3	8.0	.4													7438		7438	
																	7438		7438		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4719[illegible]486	588288	79.1	9.476	7438							
Dry Bulb	12611064	301592	40.5	7.171	7438		92.2					744
Wet Bulb	11074506	282700	38.0	6.659	7438		135.7					744
Dew Point	9209225	255981	34.4	7.330	7438		282.6					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

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

PAGE 1 [illegible] HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 53			.4	.2														6	6		
[illegible] / 51			1.2	.4														13	13		
[illegible] / 49		.1	1.9	.2														27	27	8	
[illegible] / 47	.1	1.9	2.4	.4														40	40	33	5
[illegible] / 45	.5	5.7	3.7	.1														72	72	61	35
[illegible] / 43	.7	5.1	2.6	.5	.1													76	76	75	36
[illegible] / 41	.6	6.3	1.8	.4														76	76	79	66
[illegible] / 39	.8	6.0	3.7	.6														93	93	69	79
[illegible] / 37	1.9	6.7	2.3	.2														89	89	86	75
[illegible] / 35	1.1	8.6	4.7	.6														124	124	95	86
[illegible] / 33	.6	5.6	3.1															77	77	112	61
[illegible] / 31		5.1	.6															46	46	76	71
[illegible] / 29	.5	4.2	.4															42	42	65	81
[illegible] / 27	.6	4.4	.2															44	44	44	111
[illegible] / 25	.1	.7																5	5	24	60
[illegible] / 23		.1																1	1	7	32
[illegible] / 21	.4	.2																5	5	4	24
[illegible] / 19																				1	13
[illegible] / 17																					3
[illegible] / 15																					1
[illegible] / 13																					0
TOTAL	7.8	60.5	28.1	3.6	.1														837		837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5687129	68537	81.9	9.478	837							
Dry Bulb	1266631	32181	38.8	6.226	837		18.6					84
Wet Bulb	1136757	30435	36.4	5.998	837		22.2					84
Dew Point	963089	27809	33.2	6.883	837		39.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 LAKENHEATH RAF UK 74-87 LST
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
52/ 51			1.1	.2														11	11		
50/ 49		.8	1.6	.4														23	23	4	
48/ 47		1.8	1.7	.2														[illegible]	[illegible]	11	1
46/ 45	.2	4.4	4.9	.4														83	63	29	[illegible]
44/ 43	1.7	4.7	1.7															61	61	73	35
42/ 41	.1	6.8	3.2	.1														86	86	85	57
40/ 39	1.7	6.6	2.7	.4														95	95	65	97
38/ 37	1.6	4.2	4.3															94	94	87	77
36/ 35	.7	7.3	4.5	.4														138	109	71	73
34/ 33	1.0	7.3	3.7															105	1	143	55
32/ 31	.2	4.4	.6															44	44	89	42
30/ 29		5.3	.5															48	48	70	84
28/ 27	.2	4.9	.2															56	56	44	124
26/ 25		1.2																12	12	25	83
24/ 23		.7																6	6	10	45
22/ 21	.2	.1																3	3	6	33
20/ 19																				1	3
18/ 17																					17
16/ 15																					6
TOTAL	7.5	65.5	30.0	2.0															337		837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	T$_{pw}$
Rel. Hum.	5698904	68612	82.0	9.384	837							84
Dry Bulb	1228455	31643	37.8	6.205	837		16.2					
Wet Bulb	1133544	29976	35.8	5.990	837		29.0					84
Dew Point	933217	27351	32.7	6.872	837		62.1					68

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION LAKENHEATH RAF [illegible] STATION NAME 74-87 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]		.1	.2	.2														[illegible]	[illegible]		
52/ 42			.6	1.2	.2													23	23	3	
54/ 47			1.7	1.7														28	28	7	3
48/ 45		.1	3.2	3.5	.4													46	46	34	24
54/ 47		.6	5.6	1.7	.4													66	66	56	41
50/ 41		.3	7.2	2.2														48	48	41	32
6 / 39	1.3	7.3	2.2	.4														93	87	64	49
39/ 37	2.6	3.7	4.7	.1														93	93	131	73
34/ 35	1.1	6.8	6.0	.4														119	119	52	77
34/ 33	.5	6.7	3.2															65	65	149	46
32/ 31	.2	7.5	.7															77	77	55	11
30/ 29	.2	6.1	.6															56	52	66	7
28/ 27	.6	4.2	.2															42	42	5	144
26/ 25	.2	1.7																16	16	22	65
24/ 23		1.2																12	12	15	47
22/ 21	.1	.1																2	2	11	27
20/ 19	.1																	1	1	2	9
18/ 17																					14
16/ 15																					4
TOTAL	8.5	60.3	29.3	1.8															837		837
																		577		577	

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.	5697054	686.10	82.0	9.449	837							
Dry Bulb	1217853	71493	37.6	6.73	837		16.7					[illegible]
Wet Bulb	1.4455	29936	35.6	6.95	837		25.2					[illegible]
Dew Point	924062	27196	32.5	6.252	837		42.8					[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION LAKENHEATH RAF UK YEARS [illegible] MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 56				•																	
[illegible] / 51				•	•																
[illegible] / 51			•	1.9	1.2													1	1		
[illegible] / 46			.6	2.7	.1													3	0	1	
[illegible] / 47			1.9	3.0	.6	.1												5	5	7	1
[illegible] / 43		.7	5.3	3.6	.6													5	5	7	1
[illegible] / 47		.5	5.4	3.2	1.0													14	14	19	3
[illegible] / 41		.5	6.8	5.5	.8	.1												11	11	15	2
[illegible] / 39			6.5	4.3	.8													7	7	13	3
[illegible] / 37		.2	4.2	6.7	.2													10	10	16	2
[illegible] / 36		.4	5.6	4.9	1.2													12	12	7	6
[illegible] / 33		.1	4.8	2.4														7	7	18	6
[illegible] / 31		.1	3.6	.4														3	3	7	6
[illegible] / 29		.1	1.9	.1														1	1	4	2
[illegible] / 27		.1	1.1															1	1	1	1
[illegible] / 25			.4																		
[illegible] / 23		.2	.1																		
[illegible] / 21		•																1	1	2	1
[illegible] / 19																					
[illegible] / 17																					
TOTAL	3.7	40.	23	30.5	7.3	.2												377	377	477	377

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.	5332051	66779	79.2	10.03	837							
Dry Bulb	1391604	73778	41.4	5.076	837		6.8					24
Wet Bulb	1224209	71673	37.8	5.620	837		14.4					64
Dew Point	1016657	2.957	34.2	6.517	837		36.2					84

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-77 YEARS | [illegible] MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 59					.1													1	1		
[illegible]/ 57					.1													1	1		
[illegible]/ 55				.1	.2	.1												24	24		
[illegible]/ 53			.1	.2	.4	.5	.2											50	49		
[illegible]/ 51		.2	.3	.3	.2	.4												66	67		
[illegible]/ 49		.1	.2	.3	.1	.4		.1										47	47	[illegible]	
[illegible]/ 47		.2	.4	.3	.3	.4	.1											53	53	68	7
[illegible]/ 45		.2	.4	.6	.1	.3	.1	.2										123	123	74	6
[illegible]/ 43	.1	.2	.1	.4	.1	.3	.1											94	94	9	77
[illegible]/ 41	.1	.2	.2	.4	.7	.2	.6	.4										114	114	83	61
[illegible]/ 39	.1	.1	.2	.8	.4	.1	.2	.2										95	95	82	74
[illegible]/ 37	.1	.2	.3	.4	.4	.2	.3	.1										71	71	[illegible]	65
[illegible]/ 35	.1	.1	.2	.3	.2	.4	.1	.1										[illegible]	[illegible]	74	58
[illegible]/ 33	.1	.1	.2	.1	.2													30	29	1 6	53
[illegible]/ 31		.1	.4	.4														19	19	33	41
[illegible]/ 29	.1	.1	.5	.1														9	9	10	12
[illegible]/ 27		.1																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]/ 25																		[illegible]	[illegible]	1	[illegible]
[illegible]/ 23																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]/ 21																		[illegible]	[illegible]	[illegible]	1
[illegible]/ 19																		[illegible]	[illegible]	[illegible]	1
[illegible]/ 17																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]/ 15																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]/ 13																		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	.5	.9	2.0	3.9	2.9	2.5	3.1	1.0										837	837	637	537

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	46 13312	61256	73.2	11.095	837							
Dry Bulb	1401675	36275	43.3	5.244	837		2.6					[illegible]
Wet Bulb	1352917	33327	39.8	5.569	837		7.9					[illegible]
Dew Point	1163710	29299	35.0	6.752	837		31.5					[illegible]

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (MAC)

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF, UK — 76-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

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

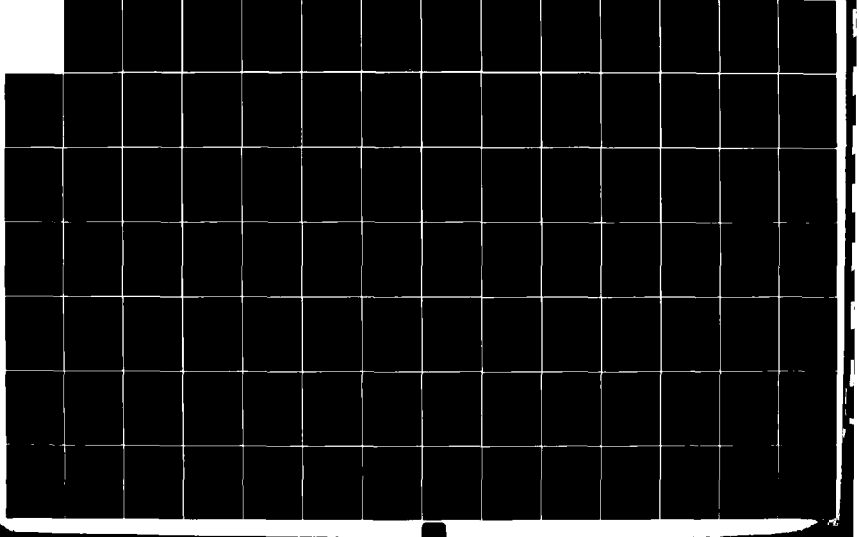
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31									
[illegible] / [illegible]				.2	.2	.2													6							
[illegible] / [illegible]				1.1	.2																					
[illegible] / [illegible]		.2	1.8	1.2	.2	.1																				
[illegible] / [illegible]		.4	4.4	1.2	.2	.1																				
[illegible] / [illegible]		.2	1.2	2.3																						
[illegible] / [illegible]	.1	1.2	3.5	2.4	.1																					
[illegible] / [illegible]	.5	5.1	4.5	3.1	.2	.1																				
[illegible] / [illegible]	.5	2.2	3.1	3.6	.5	.1																				
[illegible] / [illegible]	.2	4.6	5.4	2.5	.2																					
[illegible] / [illegible]	.4	7.6	3.6	1.5	.1																					
[illegible] / [illegible]	1.2	.3	.5	.2																						
[illegible] / [illegible]	.2	3.3	4.3	1.1	.1																					
[illegible] / [illegible]	.1	1.6	1.2	.4																						
[illegible] / [illegible]	.1	.2	.1	.1																						
[illegible] / [illegible]		1.3																								
[illegible] / [illegible]		.2																								
[illegible] / [illegible]																										
[illegible] / [illegible]																										
[illegible] / [illegible]																										
[illegible] / [illegible]																										
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7																				

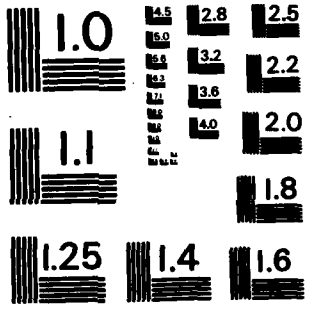
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4736[illegible]	2[illegible]72	73.2	11.042	94							
Dry Bulb	1532[illegible]	[illegible]	43.[illegible]	[illegible].230	[illegible]		2.4					
Wet Bulb	1344631	33[illegible]6	39.6	[illegible].4	94		2.4					
Dew Point	1[illegible]64[illegible]3	[illegible]9731	34.2	6.041	94		22.4					

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

AD-A140 248 LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84 4/5

UNCLASSIFIED USAFETAC/DS-84/008 SBI-AD-E850 624 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03831 LAKENHEATH RAF UK 74-83 FEB
STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53			.5		.2													6	6		
52/ 51		.8	2.7	.2														~~32~~	~~32~~	2	
50/ 49		.6	2.3	.5														28	28	12	4
48/ 47	.1	2.5	3.6	.5														~~56~~	~~56~~	~~46~~	~~4~~
46/ 45	.4	7.2	5.4	.8														115	115	77	48
44/ 43	.2	3.3	2.5	.6														~~56~~	~~56~~	~~67~~	~~63~~
42/ 41	.6	6.4	5.3	.5														107	107	83	68
40/ 39	.5	7.3	2.5	.4														~~89~~	~~89~~	~~66~~	~~77~~
38/ 37	1.8	4.2	4.7															89	89	123	72
36/ 35	.7	4.8	7.2	.5														~~110~~	~~110~~	~~72~~	~~78~~
34/ 33	.1	4.7	3.9	.2														75	75	122	91
32/ 31		3.5	1.0	.4														~~80~~	~~80~~	~~83~~	~~32~~
30/ 29	.2	1.9	.6															23	23	53	63
28/ 27		1.3																~~11~~	~~11~~	~~22~~	~~135~~
26/ 25		.1																1	1	9	58
24/ 23																				1	~~28~~
22/ 21																					14
20/ 19																					5
18/ 17																					4
16/ 15																					2
TOTAL	4.7	48.6	42.0	4.5	.2														838		838
																		838		838	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5332227	66339	79.2	9.813	838							
Dry Bulb	1383915	33697	40.2	5.878	838		7.5					~~84~~
Wet Bulb	1221540	31630	37.7	5.750	838		16.8					~~84~~
Dew Point	1018076	28592	34.1	6.785	838		33.8					~~84~~

FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
54/ 53			.1	.1	.1													3	3		
52/ 51			1.6	.2														15	15		
50/ 49		.8	1.6	.4														23	23	6	
48/ 47		1.9	2.5	.1														38	38	29	2
46/ 45	.6	6.5	4.8															99	99	66	36
44/ 43	.2	4.5	2.5	.6														66	66	59	41
42/ 41	.5	8.4	3.6	.6														109	109	90	78
40/ 39	.4	6.3	2.0	.8														80	80	70	78
38/ 37	2.3	6.0	2.7															92	93	103	78
36/ 35	.8	4.5	5.0	.4														90	90	83	91
34/ 33	.2	7.2	3.2															89	89	108	54
32/ 31		5.6	1.9															63	63	97	42
30/ 29		2.9	1.3															35	35	60	67
28/ 27	.4	2.7	.1															27	27	36	138
26/ 25	.5	.1																5	5	26	62
24/ 23		.2																2	2	1	32
22/ 21	.1																	1	1	3	20
20/ 19																					12
18/ 17																					4
16/ 15																					2
TOTAL	6.0	57.7	33.0	3.2	.1														837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	5548706	67676	80.9	9.583	837							
Dry Bulb	1296571	32553	38.9	6.291	837		13.3					83
Wet Bulb	1156276	30720	36.7	5.867	837		22.4					83
Dew Point	970899	27939	33.4	6.768	837		38.0					83

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

275831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59						.0												1	1		
58/ 57				.0	.1	.0												7	7		
56/ 55				.5	.0													37	37		
54/ 53		.0	.7	.6	.1	.0												99	99		
52/ 51		.2	2.2	.6	.1	.0												212	212	6	
50/ 49		1.0	2.1	.7		.0												253	253	154	7
48/ 47	.0	2.1	2.5	.9	.1													371	371	350	32
46/ 45	.4	5.3	4.5	1.1	.2	.1												774	774	471	323
44/ 43	.5	4.3	2.6	1.3	.1	.0												594	594	584	395
42/ 41	.8	6.6	8.0	.9	.1													806	806	679	620
40/ 39	.6	5.9	3.2	.9	.0													719	719	583	637
38/ 37	1.7	3.9	8.8	.5														701	701	832	609
36/ 35	.6	5.6	4.8	.7	.0													786	786	801	635
34/ 33	.3	8.9	2.7	.1														540	540	1016	489
32/ 31	.1	3.5	.7	.1														294	294	621	384
30/ 29	.1	3.0	.4															244	244	391	641
28/ 27	.3	2.4	.1															188	188	231	972
26/ 25	.1	.5																40	40	114	416
24/ 23	.0	.3																21	21	38	269
22/ 21	.1	.1																12	12	28	136
20/ 19	.0																	1	1	4	56
18/ 17																					51
16/ 15																					25
14/ 13																					3
TOTAL	5.5	50.6	35.7	8.7	.9	.2												6700	6700		6700
																		6700		6700	

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	≤ 95 F	Total
Rel. Hum.	82604851	529371	79.080	6.784	6700							
Dry Bulb	10969098	267680	40.0	6.803	6700		80.2					672
Wet Bulb	9635160	250862	37.8	6.015	6700		183.1					672
Dew Point	7950312	226178	33.8	6.880	6700		286.2					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C35831 LAKENHEATH RAF UK 74-87 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57				.3														3	3			
56/ 55		.3	.3	.7														8	8			
54/ 53		.8	1.5	.5	.2													27	27	7	2
52/ 51		1.0	1.7	.4														29	29	9	6
50/ 49		1.6	1.2	.4														30	33	36	7
48/ 47	.1	2.6	2.4	.8														54	54	36	18
46/ 45	.1	5.1	4.9	1.0	.2													105	105	51	44
44/ 43		5.5	5.6	1.3	.1													116	116	72	39
42/ 41		6.7	4.6	1.3	.1													118	118	113	72
40/ 39		8.7	4.1	1.5	.1													134	134	114	77
38/ 37	.1	4.5	5.2	.9														99	99	132	99
36/ 35	.3	4.9	5.6	1.5														115	115	103	119
34/ 33		2.7	2.5	.3														51	51	130	100
32/ 31		1.3	.5															17	17	59	68
30/ 29		1.7	.1															17	17	47	80
28/ 27	.1	.4	.1															6	6	17	87
26/ 25		.1																1	1	4	41
24/ 23																					40
22/ 21																					21
20/ 19																					9
18/ 17																					1
TOTAL	.8	87.8	61.3	10.4	.6														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	≤ 90 F	Total
Rel. Hum.	5687192	72138	77.6	9.969	930							
Dry Bulb	1609297	38325	41.2	5.677	930		9.3					93
Wet Bulb	1904667	35765	38.5	5.613	930		12.7					93
Dew Point	1158229	32150	34.6	6.788	930		38.7					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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 ~~0300-0500~~ (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55		.5	.6															11	11		
54/ 53		.3	.9	.4														15	15	8	
52/ 51		.3	1.8															20	20	6	8
50/ 49		.5	1.7	.4														25	25	22	1
48/ 47	.1	2.8	.8	.2														36	36	43	12
46/ 45		6.6	4.4	.5														107	107	36	46
44/ 43		4.6	4.6	.8														93	93	89	42
42/ 41		8.2	4.1	1.6														120	120	83	74
40/ 39	.3	9.2	4.7	.4														137	137	101	68
38/ 37		7.1	6.2	.1														126	126	127	76
36/ 35		7.6	3.5	1.8														121	121	130	100
34/ 33		2.6	1.9	.8														46	46	154	110
32/ 31		1.7	1.2															20	20	43	77
30/ 29		1.9	.2															20	20	50	66
28/ 27	.1	2.4	.1															24	24	29	113
26/ 25	.1																	1	1	12	22
24/ 23																					46
22/ 21																					27
20/ 19																					7
18/ 17																					6
TOTAL	.6	55.7	36.9	6.8														930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Hours No. of Hours with Temperature ≥ 59 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Ref. Hum.	5863673	73319	78.8	8.428	930							
Dry Bulb	1536841	37835	80.3	5.681	930		6.5					93
Wet Bulb	1353932	35096	37.7	5.438	930		13.8					93
Dew Point	1122852	31689	34.1	6.728	930		28.2					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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55		.1	.4															5	5		
54/ 53		.5	.8	.2														14	14	6	
52/ 51		.3	2.3															24	24	9	6
50/ 49		.5	2.8	.4	.2													37	37	15	1
48/ 47		2.7	2.4	.5														52	52	46	10
46/ 45		6.0	3.2	.6														92	92	56	54
44/ 43	.3	3.8	5.5	1.6	.2													106	106	85	52
42/ 41		10.6	4.9	1.2														156	156	66	72
40/ 39		8.6	3.5	.9														121	121	139	70
38/ 37	.4	5.9	4.5	.9														109	109	135	89
36/ 35		7.3	4.0	.9														113	113	107	112
34/ 33	.1	2.3	2.3	.4														47	47	140	114
32/ 31		1.5	.5															19	19	50	80
30/ 29		1.6	.4															19	19	44	78
28/ 27		1.1	.2															12	12	22	84
26/ 25	.1	.3																4	4	12	38
24/ 23																					39
22/ 21																					24
20/ 19																					8
18/ 17																					3
TOTAL	1.0	53.2	37.7	7.6	.4													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	≤ 90 F	Total
Rel. Hum.	5853811	73207	78.7	9.906	930							
Dry Bulb	1568231	37833	90.7	5.605	930		5.4					93
Wet Bulb	1379101	35493	38.1	5.523	930		12.6					93
Dew Point	1183309	32019	34.4	6.685	930		35.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK 74-87 MAR
STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59				.3														3	3		
58/ 57		.1	.2	.4	.3			.1										11	11		
56/ 55		.5	1.2	.8	.3	.2												28	28	1	
54/ 53		.2	3.0	1.6	.9	.1	.1											55	55	12	3
52/ 51		.8	2.6	1.8	.6	.3												57	57	26	4
50/ 49		1.4	3.9	2.3	1.1													80	80	50	9
48/ 47		1.3	4.0	1.7	1.1													75	75	65	29
46/ 45		5.3	7.6	5.2	2.6	.5												197	197	95	53
44/ 43		3.3	5.4	2.9	.4	.1												113	113	125	49
42/ 41		4.7	6.7	1.7	.4													126	126	111	119
40/ 39	.1	4.3	3.0	1.0	.2													80	80	148	104
38/ 37	.2	2.7	2.3	1.2														59	59	130	102
36/ 35		2.3	1.2	.8														36	36	79	106
34/ 33		.6	.2															8	8	56	94
32/ 31		.1																1	1	27	73
30/ 29																				5	82
28/ 27																					87
26/ 25																					20
24/ 23																					15
22/ 21																					15
20/ 19																					5
18/ 17																					1
TOTAL	.3	27.6	41.2	21.3	8.1	1.3	.1	.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.	5035820	67886	72.6	12.199	930							
Dry Bulb	1912748	81870	85.0	5.860	930		.1					.1
Wet Bulb	1606302	38360	41.2	5.089	930		3.2					3.2
Dew Point	1268878	33630	36.4	6.388	930		25.8					25.8

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

036831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65							.1											1	1		
64/ 63						.2			.1	.1								4	4		
62/ 61				.2	.6	.2		.7										12	12		
60/ 59			.2	.4	.8	.3	.2	.1										19	19		
58/ 57		.4	1.0	1.3	1.3	1.0	.3											49	49		
56/ 55		.1	1.7	2.4	1.7	.4	.1											60	60	13	
54/ 53		.4	2.9	1.5	2.8	.3	.3											77	77	23	4
52/ 51		.8	3.3	2.8	2.7	.5												94	94	47	9
50/ 49		.2	1.6	3.8	1.3	1.1	.1											75	75	70	21
48/ 47		.9	4.0	3.0	3.2	1.8	.1											121	121	85	38
46/ 45		3.9	4.5	3.9	4.2	.6	.1											160	160	121	49
44/ 43		2.7	2.6	1.4	.5	.1												68	68	127	62
42/ 41		2.9	6.2	1.7	.2	.2												105	105	109	106
40/ 39		2.4	1.7	1.4	.4													55	55	131	102
38/ 37		1.4	.4	.4														21	21	117	95
36/ 35		.9		.1														9	9	52	100
34/ 33																				26	75
32/ 31																				10	84
30/ 29																				1	63
28/ 27																					68
26/ 25																					17
24/ 23																					13
22/ 21																					14
20/ 19																					6
18/ 17																					2
16/ 15																					3
TOTAL		16.9	30.2	24.3	19.8	6.9	1.4	.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	≤ 95 F	Total
Rel. Hum.	4230986	61378	66.0	13.995	930							
Dry Bulb	2179989	99695	98.1	5.868	930							93
Wet Bulb	1743012	39970	93.0	5.209	930		1.2					93
Dew Point	1292875	38073	36.4	6.923	930		27.0					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

235831 LAKENHEATH RAF, UK 74-83 MAR
STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.2	.4	.1			.2								9	9		
62/ 61				.4	.3			.1	.1	.1								10	10		
60/ 59				.5	.3		.3	.2										13	13		
58/ 57			.8	1.3	1.1	1.3	.3	.1										45	45	1	
56/ 55		.2	1.4	3.2	1.9	.3	.4	.1										69	69	6	
54/ 53		.5	1.5	1.5	2.6	.8	.3											67	67	24	
52/ 51		.3	2.8	2.5	1.8	.5	.4											78	78	75	12
50/ 49		.1	2.9	2.8	1.2	1.8												78	78	61	17
48/ 47		1.0	3.7	3.1	1.9	1.2												101	101	97	27
46/ 45		3.8	5.5	4.5	3.9	1.3	.1											177	177	122	53
44/ 43		1.9	4.1	2.4	.9	.3												89	89	117	52
42/ 41		4.3	5.1	3.2	.3	.1												121	121	102	114
40/ 39		.9	2.4	1.6	.1													46	46	171	78
38/ 37		.3	.9	1.1	.1													18	18	90	97
36/ 35		.9		.1														9	9	73	111
34/ 33																				27	77
32/ 31																				12	77
30/ 29																				2	63
28/ 27																					76
26/ 25																					26
24/ 23																					27
22/ 21																					11
20/ 19																					13
18/ 17																					4
16/ 15																					1
TOTAL		14.2	30.8	28.1	16.7	7.6	2.0	.5	.1	.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.	8129398	60556	65.1	18.163	930							
Dry Bulb	2152883	88813	87.8	5.823	930							93
Wet Bulb	1708398	79572	82.6	5.188	930		1.8					93
Dew Point	1289266	33850	36.0	7.088	930		28.2					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

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1												1	1		
60/ 59				.5	.1				.1									7	7		
58/ 57			.2	.2			.1											5	5		
56/ 55		.1	1.7	.8		.1												25	25	1	
54/ 53		.6	1.6	1.3	.5	.1	.2											41	41	13	
52/ 51		.5	3.2	1.1	.6	.2	.1											54	54	27	6
50/ 49		.5	2.8	.9	.3	.2												44	44	26	12
48/ 47		3.2	3.5	2.3	1.1	.3												97	97	69	26
46/ 45		5.6	7.4	4.7	1.9													183	183	87	58
44/ 43		2.0	5.4	4.2	.4	.2												114	114	93	56
42/ 41		6.2	6.1	1.7	.5													134	134	125	78
40/ 39		4.3	4.4	1.1	.1													92	92	146	84
38/ 37	.1	1.9	3.9	1.3														67	67	141	97
36/ 35		2.2	1.7	.8														43	43	78	125
34/ 33		.5	1.1	.4														19	19	80	91
32/ 31			.2															2	2	29	85
30/ 29		.2																2	2	19	73
28/ 27																				5	77
26/ 25																					22
24/ 23																					26
22/ 21																					12
20/ 19																					9
18/ 17																					3
TOTAL	.1	27.8	43.3	21.2	5.7	1.3	.4		.1									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.	4996888	67283	72.3	12.071	930							
Dry Bulb	1848077	41133	44.2	5.568	930		.4					.4
Wet Bulb	1551212	37658	40.5	5.325	930		8.9					8.9
Dew Point	1217153	33085	35.6	6.618	930		31.7					31.7

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

~~03831~~ STATION — LAKENHEATH RAF UK STATION NAME — 74-83 YEARS — ~~MAR~~ MONTH

PAGE 1 — ~~2130 2300~~ HOURS (L, G.M.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~61~~/ 59				.2														2	2		
~~58~~/ 57				.1														1	1		
56/ 55		.3	.7		.1													7	7		
~~54~~/ 53		.8	1.4	.5														~~25~~	~~25~~	~~9~~	
52/ 51		1.0	2.5	.4														36	36	10	7
~~50~~/ 49		1.9	2.0	.8														~~44~~	~~44~~	~~30~~	~~6~~
48/ 47		2.6	2.7	.6	.1													56	56	56	19
~~46~~/ 45	.1	5.4	7.5	2.5	.3	.1												~~148~~	~~148~~	~~66~~	~~62~~
~~44~~/ 43		3.5	4.1	4.0	.3													111	111	93	43
~~42~~/ 41		.8	6.2	2.0	.4													~~155~~	~~155~~	~~121~~	~~81~~
~~40~~/ 39		4.7	3.8	1.8														96	96	118	68
~~38~~/ 37	.4	3.7	5.4	.6														~~94~~	~~94~~	~~126~~	~~94~~
~~36~~/ 35		4.0	3.8	1.1														82	82	99	~~110~~
~~34~~/ 33		2.7	2.0	.5														~~49~~	~~49~~	~~126~~	~~76~~
~~32~~/ 31		.6	.4															10	10	42	59
~~30~~/ 29		1.3	.1															~~13~~	~~13~~	~~80~~	~~91~~
~~28~~/ 27		.1																1	1	13	98
~~26~~/ 25																				~~1~~	~~47~~
~~24~~/ 23																					41
~~22~~/ 21																					~~15~~
~~20~~/ 19																					8
~~18~~/ 17																					~~3~~
TOTAL	.5	57.0	54.2	31	5.3	1.3	.1											930	~~93~~	~~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.	5850913	70505	75.8	10.672	930							
Dry Bulb	1676063	39135	42.1	5.610	930		2.8					93
Wet Bulb	1444865	36291	39.0	5.558	930		2.6					93
Dew Point	1168770	32386	34.8	6.863	930		35.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03331 — STATION
LAKENHEATH RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH
PART — HOURS (L.S.T.)
ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 65							•											•			
64/ 63					•	•	•		•	•								14	14		
62/ 61				•	•	•		•	•	•								23	23		
60/ 59			•	•	•	•	•	•	•									44	48		
58/ 57		•	•	•	•	•	•	•										114	114		
56/ 55		•	1.0	•	•	•	•	•										213	213		
54/ 53		•	1.7	1.0	•	•	•											321	321	102	
52/ 51		•	2.5	1.1	•	•	•											352	342	169	17
50/ 49		•	2.4	1.5	•	•	•											413	413	313	
48/ 47	•	2.1	2.9	1.5	•	•	•											502	493	479	179
46/ 45	•	5.2	5.6	2.9	1.6	•	•											1169	1169	603	
44/ 43	•	3.4	4.7	2.3	•	•												810	811	798	393
42/ 41		6.4	5.5	1.8	•	•												1044	1044	833	714
40/ 39	•	5.4	3.5	1.2	•													761	761	1065	671
38/ 37	•	3.4	3.5	•	•													502	499	1070	748
36/ 35	•	3.7	2.5	•														528	529	719	867
34/ 33	•	1.4	1.2	•														220	220	781	786
32/ 31		•	•															69	69	272	6
30/ 29		•	•															71	71	274	630
28/ 27	•	•	•															43	49	84	65
26/ 25	•	•																6	6	29	228
24/ 23																					256
22/ 21																					139
20/ 19																					65
18/ 17																					22
16/ 15																					6
TOTAL	•4	35.5	37.8	16.9	6.6	2.7	•5	•1	•0	•1								7440	7440	7440	744

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.	41298237	545821	73.4	12.728	7440							
Dry Bulb	14483725	324839	43.7	6.360	7440		18.9					744
Wet Bulb	12191485	298155	40.1	5.716	7440		58.9					744
Dew Point	9616618	262600	35.3	6.839	7440		257.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — LAKENHEATH RAF UK STATION NAME — 74-83 YEARS — APR MONTH

PAGE 1 ~~0600-2300~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~58/ 57~~			.7	.1	.2													6	6		
~~56/ 55~~			.4	.2	.2													~~13~~	~~13~~	~~1~~	
~~54/ 53~~		.3	2.1	.2	.4													28	28	2	1
~~52/ 51~~		.2	2.4	.4	.1	.1												~~34~~	~~34~~	~~14~~	
~~50/ 49~~	.1	.8	2.8	1.2	.1	.1												46	46	38	12
~~48/ 47~~	.2	1.9	2.2	.6	.3													~~45~~	~~45~~	~~39~~	~~22~~
46/ 45		8.2	8.4	1.4	.3													164	164	55	33
~~44/ 43~~	.1	4.9	9.4	3.2														~~157~~	~~157~~	~~110~~	~~54~~
42/ 41	.3	4.7	6.2	.7														107	107	125	77
~~40/ 39~~	.2	3.8	3.6	1.1	.2													~~80~~	~~80~~	~~175~~	~~116~~
38/ 37	.3	3.4	2.9	.2														62	62	87	80
~~36/ 35~~		4.4	4.2	.6														~~83~~	~~83~~	~~71~~	~~141~~
34/ 33		2.1	2.0	.3														40	40	92	91
~~32/ 31~~		2.1	.4															~~22~~	~~22~~	~~48~~	~~71~~
~~30/ 29~~		1.1																9	9	34	70
~~28/ 27~~	.1	.2	.1															~~4~~	~~4~~	~~9~~	~~70~~
26/ 25																				2	34
~~24/ 23~~																					~~13~~
22/ 21																					6
~~20/ 19~~																					~~6~~
18/ 17																					3
TOTAL	1.4	39.2	47.4	10.8	1.9	.2												900	~~900~~	900	~~930~~

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	5405851	69239	76.9	9.359	900							
Dry Bulb	1656025	38267	42.5	5.675	900		3.5					~~90~~
Wet Bulb	1434189	35601	39.6	5.371	900		9.3					~~90~~
Dew Point	1177607	32075	35.6	6.198	900		27.2					~~90~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
58/ 57			.3															3	3		
56/ 55		.1	.3	.4														8	8		
54/ 53			1.9	.3	.1													21	21	4	
52/ 51		.1	1.9	.1														19	19	8	
50/ 49		.7	1.2															17	17	24	9
48/ 47		2.0	2.4	.3	.1													44	44	31	12
46/ 45	.1	7.2	7.4	1.8	.1													150	150	58	49
44/ 43		5.9	10.6	2.2														168	168	73	43
42/ 41	.4	6.4	8.0	.2														136	136	122	89
40/ 39	.6	4.8	3.0	.6														80	80	197	111
38/ 37	.7	3.1	3.6	.6														71	71	102	96
36/ 35	.1	4.3	3.2	.8														76	76	60	116
34/ 33	.1	3.9	1.8	.1														53	53	120	96
32/ 31		1.6	.2	.2														18	18	62	54
30/ 29		2.4	.1															23	23	30	93
28/ 27		1.1																10	10	19	86
26/ 25		.3																3	1	7	26
24/ 23																				3	22
22/ 21																					13
20/ 19																					6
18/ 17																					2
16/ 15																					1
TOTAL	2.7	44.0	86.0	7.7	.7													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	≤ 92 F	Total
Rel. Hum.	5616371	70659	78.5	8.757	900							
Dry Bulb	1570719	37259	41.4	5.609	900		5.8					900
Wet Bulb	1375068	34896	38.7	5.368	900		12.1					900
Dew Point	1142538	31582	35.1	6.174	900		30.0					900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03882 LAKENHEATH RAF UK 74-83 APR
STATION STATION NAME YEARS MONTH

PAGE 1 ~~2400-0800~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
62/ 59					.1													1	1		
58/ 57			.3	.3	.1													7	7		
56/ 55		.2	.	.4	.1													9	9		
54/ 53		.1	1.9	1.5	.1													36	36	5	
52/ 51		.1	2.8	.6	.1													32	33	9	4
50/ 49		.7	4.2	.2	.1													45	45	35	3
48/ 47	.2	2.9	3.1	1.4	.2													71	71	57	14
46/ 45	.1	7.7	3.1	3.9	.3	.1												208	201	96	66
44/ 43	.3	5.7	2.2	3.3	.1													175	175	99	73
42/ 41	.1	4.7	4.9	1.2	.2													100	100	149	94
40/ 39	.2	4.5	3.2	.4														75	75	167	114
38/ 37	.4	2.4	2.0															44	44	93	105
36/ 35		3.2	2.2	.6														52	52	62	109
34/ 33	.1	1.9	1.2	.1														28	28	73	96
32/ 31		1.4	.2															15	15	26	65
30/ 29		.6	.1															6	6	23	58
28/ 27		.2																2	2	3	61
26/ 25																				1	13
24/ 23																					12
22/ 21																					7
20/ 19																					3
18/ 17																					1
TOTAL	1.5	36.1	26.2	14.5	1.6	.1												900			898
																		898		898	

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≥						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	5386611	68987	76.8	8.751	898							
Dry Bulb	1733278	39196	83.6	5.803	900		2.3					80
Wet Bulb	1495026	36360	80.5	5.783	898		5.3					80
Dew Point	1231750	32883	76.6	5.838	898		22.0					80

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725831 LAKENHEATH RAF UK 74-83 APR
STATION STATION NAME YEARS MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75									.1									1	1		
72/ 71								.1										1	1		
70/ 69								.1										1	1		
66/ 65						.1	.6											6	6		
64/ 63					.2	.7	.3											11	11		
62/ 61				.3	.2	.3	.1	.2										11	11		
60/ 59			.1	.6	.9	.2	.3											19	19	1	
58/ 57			.6	1.4	2.	1.1												46	46	2	
56/ 55		.2	.2	3.3	1.7	.8	.1											57	57	12	
54/ 53		.3	1.8	4.4	2.7	.4												87	87	23	
52/ 51		.2	3.6	3.1	3.-	.4												83	93	32	5
50/ 49		1.2	4.7	3.2	1.9	1.0	.1											103	103	95	13
48/ 47	.1	1.9	2.9	4.4	3.1	.3												115	115	118	17
46/ 45	.1	3.3	7.7	6.7	3.2	.6												194	194	134	112
44/ 43	.1	1.0	3.0	2.6	.4	.1												65	65	112	83
42/ 41		1.7	2.4	.7	.1													44	44	137	102
40/ 39		1.8	.8	.3														26	26	119	94
38/ 37	.1	.8	.6															13	13	72	115
36/ 35		.3	.3															6	6	29	96
34/ 33		.1																1	1	12	96
32/ 31																				2	53
30/ 29																					50
28/ 27																					35
26/ 25																					18
24/ 21																					7
20/ 19																					4
TOTAL	.4	12.9	27.9	31.1	19.4	6.1	1.6	.4	.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	≤ 88 F	≤ 92 F	Total
Rel. Hum.	4078672	59486	66.1	12.783	900							
Dry Bulb	2203771	44233	49.1	5.759	900			.1	.1			90
Wet Bulb	1759529	39561	44.0	4.782	900		.2					90
Dew Point	1319122	34036	37.8	5.962	900		16.7					90

USAFETAC FORM 0-26-5 (OL A) 88 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03831 LAKENHEATH RAF UK 74-83 APR
STATION STATION NAME YEARS MONTH

PAGE 1 ~~1269~~ ~~1969~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77											.?							2	3		
76/ 75										.1								1	1		
74/ 71									.1	.2								3	3		
70/ 69								.2	.1	.1								4	4		
68/ 67							.7	.1	.3									10	10		
66/ 65						.1	.1	.2	.2									6	6		
64/ 63				.2	.7	1.0	.6	.2	.2									26	26		
62/ 61			.1	.6	1.9	.7	.7	.4										30	30		
60/ 59				.6	3.6	.8	1.0	.8										60	60	1	
58/ 57		.1	.1	2.0	3.0	1.2	1.0											67	67	0	
56/ 55		.2	.1	4.0	2.2	1.3	.7											77	77	27	2
54/ 53		.1	.6	3.9	5.1	1.1	1.1											107	107	45	1
52/ 51		.4	2.4	2.0	4.9	2.6	.3											113	113	63	9
50/ 49		.1	2.0	3.0	3.2	2.0	.3	.1										97	97	106	8
48/ 47		.2	2.6	2.1	2.8	.6												74	74	109	19
46/ 45		1.9	4.4	4.4	2.2	1.0												126	126	135	110
44/ 43		.2	2.2	2.3	.8	.2												52	52	121	76
42/ 41		.4	.6	.8	.1													17	17	114	84
40/ 39		1.2																11	11	90	100
38/ 37	.1	.3	.1															5	5	57	91
36/ 35	.2	.1																3	3	19	84
34/ 33																				5	92
32/ 31																					52
30/ 29																					60
28/ 27																					54
26/ 25																					19
24/ 23																					9
22/ 21																					6
20/ 19																					4
18/ 17																					1
16/ 15																					1
TOTAL	.3	5.4	15.2	25.9	30.3	12.6	6.4	2.1	1.0	.4	.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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	3276258	52906	58.8	13.587	900							
Dry Bulb	2480693	46895	52.1	6.833	900			2.0	.3			90
Wet Bulb	1870238	40778	45.3	5.057	900							90
Dew Point	1296676	33656	37.4	4.508	900		21.5					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

725831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
78/ 77											•							1	1		
74/ 73										.1								1	1		
72/ 71									.1	.2								3	3		
70/ 69								.?		.2								5	5		
68/ 67							.1	.2	.2									5	5		
66/ 65					.1	.3	.?	.6	.2	.1								13	13		
64/ 63					.1	.9	1.2	.2	.2	.2								26	26		
62/ 61					.2	3.?	.7	.6	.3	.1								44	44		
60/ 59					.8	2.8	1.3	1.4	.9									65	65	3	
58/ 57				.4	1.2	2.8	1.2	1.4	.1									65	65	9	
56/ 55					2.7	3.6	1.6	.9										69	69	22	2
54/ 53				1.4	3.8	3.7	1.1	.7										96	96	61	1
52/ 51			.4	1.8	2.8	3.7	2.3	.7										105	105	43	11
50/ 49			.2	1.3	3.1	2.1	1.6	.1	.1									77	77	109	10
48/ 47			.9	1.1	3.?	3.9	1.8	.1										97	97	107	20
46/ 45	.2	2.0	4.3	4.3	3.1	1.1												136	136	117	90
44/ 43	.2	.2	1.3	1.7	.9	.1												40	40	122	97
42/ 41		.6	1.2	.3	.4													23	23	118	82
40/ 39		1.3	.7															18	18	90	79
38/ 37	.1	.3	.2															6	6	63	86
36/ 35		.4																4	4	29	92
34/ 33	.1																	1	1	11	101
32/ 31																					61
30/ 29																					63
28/ 27																					51
26/ 25																					27
24/ 23																					22
22/ 21																					8
20/ 19																					1
18/ 17																					2
16/ 15																					1
TOTAL	.7	6.4	13.9	24.1	30.1	19.1	6.8	2.4	.8	.6	.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	≥ 92 F	Total
Rel. Hum.	3248347	52607	58.5	13.886	900							
Dry Bulb	2866510	46730	51.9	6.686	900			1.9	.2			90
Wet Bulb	1852986	40562	45.1	5.263	900							90
Dew Point	1279265	33331	37.0	6.660	900		22.9					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | APR MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67									.1									1	1		
66/ 65									.1									1	1		
64/ 63				.1	.2	.3	.3	.1										10	10		
62/ 61			.1	.2	.6	.2	.2											12	12		
60/ 59			.1	.9	1.3	.4	.1											26	26		
58/ 57			.1	2.3	1.3	.6	.4											40	40	2	
56/ 55		.2	.6	2.2	.9	.8	.2											44	44	6	
54/ 53		.4	1.2	2.8	1.8	.9	.3											67	67	26	2
52/ 51		.1	3.8	2.0	2.0	.9	.1											80	80	42	7
50/ 49		.4	4.0	2.3	.2	.8												76	76	62	10
48/ 47	.1	1.7	3.1	2.7	2.7	.6												97	97	96	24
46/ 45	.2	3.2	9.7	6.7	3.1	.6												210	210	101	82
44/ 43	.1	.8	3.8	5.2	.7	.2												97	97	115	69
42/ 41		.9	3.7	2.1	.4													68	64	135	91
40/ 39		1.8	1.4	.7	.3													38	38	124	79
38/ 37		1.8	.7	.2														24	24	104	80
36/ 35		1.1	.1															11	11	52	98
34/ 33		.2																2	2	30	103
32/ 31																				5	74
30/ 29																					83
28/ 27																					46
26/ 25																					21
24/ 23																					11
22/ 21																					5
20/ 19																					9
TOTAL	.8	12.7	32.3	30.1	16.1	6.2	1.8	.1	.2										900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	8077708	59468	66.1	12.885	900							
Dry Bulb	2103801	83183	88.0	5.951	900			.1				
Wet Bulb	1681694	38628	42.9	5.138	900		.5					80
Dew Point	1289172	33026	36.7	6.838	900		28.8					80

USAFETAC FORM 86 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831	LAKENHEATH RAF UK	74-87	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61					.1													1	1		
60/ 59			.1	.1		.2												4	4		
58/ 57		.1	.1	.8	.2	.1												12	12		
56/ 55			.3	1.8	.2													21	21	2	
54/ 53		1.0	1.6	1.7	.2													34	34	3	2
52/ 51		.1	2.6	1.2	.3	.3												41	41	25	2
50/ 49		.3	2.9	1.3	.2	.1												48	48	37	9
48/ 47		2.7	3.2	1.3	1.3													77	77	53	17
46/ 45		4.9	12.2	2.9	1.3													189	189	80	63
44/ 43		3.8	9.2	5.3	.3													165	165	93	58
42/ 41		2.1	7.3	1.2														96	96	153	64
40/ 39	.2	2.6	4.6	.9	.2													76	76	152	117
38/ 37		2.2	4.3	.7														65	65	105	84
36/ 35		2.7	1.4	.4														41	41	74	122
34/ 33		2.3	.6	.1														24	24	89	82
32/ 31		.3	.1															4	4	27	83
30/ 29		.1																1	1	8	95
28/ 27																				1	65
26/ 25																					19
24/ 23																					3
22/ 21																					3
20/ 19																					9
18/ 17																					2
TOTAL	.2	29.9	50.6	18.8	4.7	.8												899	899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	4954003	66095	73.5	10.287	899							
Dry Bulb	1779230	39690	88.1	5.958	899		.5					90
Wet Bulb	1502319	36467	80.6	5.269	899		3.6					90
Dew Point	1198176	32366	36.0	6.055	899		27.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03831 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | APR MONTH

41 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77											.0							3	3		
76/ 75									.0	.0								2	2		
74/ 73										.0								1	1		
72/ 71								.0	.0	.1								7	7		
70/ 69								.1	.0	.0								10	10		
68/ 67							.1	.0	.1									16	16		
66/ 65				.0	.0	.0	.2	.1	.1									26	26		
64/ 63				.1	.3	.4	.2	.1	.1									73	73		
62/ 61			.0	.2	.7	.2	.2	.1	.0									107	107		
60/ 59			.0	.4	1.1	.4	.4	.2										175	175	5	
58/ 57		.0	.3	1.0	1.2	.5	.4	.0										246	246	21	
56/ 55		.1	.3	2.0	1.0	.6	.2											298	298	70	4
54/ 53		.3	1.6	2.3	1.8	.4	.3											476	476	169	7
52/ 51		.3	2.7	1.5	1.8	.8	.1											517	518	236	39
50/ 49	.0	.6	2.8	1.8	1.1	.7	.1	.0										509	509	506	69
48/ 47	.1	1.8	2.6	2.1	1.8	.4	.0											620	620	610	145
46/ 45	.1	4.8	8.0	4.0	1.7	.4												1369	1370	776	614
44/ 43	.1	2.8	6.2	3.2	.4	.1												919	919	842	563
42/ 41	.1	2.7	4.3	.9	.2													597	587	1053	682
40/ 39	.2	2.7	2.2	.5	.1													404	404	1114	800
38/ 37	.2	1.8	1.8	.2														290	290	683	737
36/ 35	.0	2.1	1.4	.3														276	276	392	858
34/ 33	.0	1.3	.7	.1														149	149	413	757
32/ 31		.7	.1	.0														59	59	170	513
30/ 29		.5	.0															39	39	95	581
28/ 27	.0	.2	.0															16	16	32	468
26/ 25		.0																3	3	10	170
24/ 23																				1	93
22/ 21																					52
20/ 19																					42
18/ 17																					11
16/ 15																					2
14/ 13																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

[illegible] LAKENHEATH RAF UK 74-63 APR
STATION STATION NAME YEARS MONTH

PAGE [illegible] ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.9	22.6	34.9	20.	4[illegible]	7.1	5.0	2.1	.[illegible]	.3	.1	.0						7197	7199	7197	7197

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.	360833817	899857	69.8	13.859	7197							
Dry Bulb	15993827	335453	46.6	7.798	7199		11.7	3.9	.6			720
Wet Bulb	12970999	302799	42.1	5.670	7197		31.0					720
Dew Point	9889311	262915	36.5	6.290	7197		193.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03831 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61	.1			.2														3	3	1	1
60/ 59	.2		.4															5	5	2	2
58/ 57		.2	1.2	.4	.2													15	15	1	
56/ 55		.8	3.5	.5	.2													42	42	8	
54/ 53		1.3	5.8	1.5	1.4													82	82	19	9
52/ 51	.1	2.0	9.2	1.7	.1	.1												111	111	49	23
50/ 49	.1	3.6	6.1	.8	.2													91	91	83	33
48/ 47	.1	9.8	5.1	1.2														134	134	145	53
46/ 45	.1	11.8	8.2	1.2	.1													178	178	176	148
44/ 43		3.1	2.0	.6														46	48	108	138
42/ 41		1.8	2.5	.2														38	38	94	110
40/ 39	.1	2.1	.6															23	23	46	101
38/ 37	.2	1.3	1.5															26	26	39	59
36/ 35	.2	1.8	1.2															28	28	21	69
34/ 33		.8	.7															13	13	27	29
32/ 31		.2																2	2	19	16
30/ 29		.1																1	1	3	21
28/ 27																					44
26/ 25																					6
24/ 23																					1
TOTAL	1.4	80.0	8.2	7.9	2.4	.1												840	847	840	840

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	≤ 90 F	≤ 95 F	Total
Rel. Hum.	5357896	66676	79.4	8.830	840							
Dry Bulb	1917770	39872	47.5	5.478	840		.3					93
Wet Bulb	1690168	37838	88.6	5.115	840		2.4					93
Dew Point	1450865	38670	81.3	6.782	840		7.5					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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 | 0330-0530 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 59	.1																	1	1	1	
58/ 57	.2	.3	.2															7	7	2	
56/ 55		.3	2.		.1													21	21	3	
54/ 53		.8	4.3	.5	.2													52	52	5	
52/ 51		2.5	6.2	1.2	.2													87	87	40	
50/ 49		2.1	6.1	.5														75	75	79	
48/ 47	.2	11.4	5.8	1.2														161	161	1[illegible]	
46/ 45	.3	17.1	8.2	.6														225	225	209	151
44/ 43	.2	3.3	5.[illegible]	.2														76	76	130	160
42/ 41		3.1	1.7	.2														44	44	91	132
40/ 39		2.2	.6															24	24	65	92
38/ 37	.2	2.5	1.2															34	34	35	74
36/ 35	.5	1.6	1.2															28	28	35	57
34/ 33		1.3	1.5															24	24	3[illegible]	37
32/ 31		.5																4	4	22	18
30/ 29		.1																1	1	8	16
28/ 27	.3																	3	3	4	3[illegible]
26/ 25																					12
24/ 23																					5
TOTAL	2.2	89.3	43.6	4.2	.8													867	867	867	867

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5801111	70563	81.4	8.195	867							
Dry Bulb	1869674	39994	46.1	5.350	867		.9					93
Wet Bulb	1671105	37805	43.6	5.113	867		3.6					93
Dew Point	1462616	35268	40.7	5.717	867		8.7					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

[redacted] STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 [redacted] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
70/ 69						.2												2	2		
68/ 65				.1	.1	.2												4	4		
64/ 63				.5	.2	.2	.1											12	12		
62/ 61			.3	.2	1.2	.2												16	16	2	
60/ 59			.9	1.2	.8	.3	.3											30	30	2	
58/ 57		.4	1.6	2.4	1.7	.5												62	62	12	
56/ 55		.5	2.7	4.2	1.2	.1												77	77	18	5
54/ 53		1.7	4.6	4.7	1.3													113	113	48	12
52/ 51	.1	1.8	10.7	2.3	.7													143	143	86	28
50/ 49	.1	2.8	8.8	1.2	.2													119	119	157	45
48/ 47		7.9	3.6	1.2	.1													116	116	207	61
46/ 45	.1	6.6	5.9	.9	.2													126	126	173	263
44/ 43	.1	1.5	2.2	.4														39	39	71	151
42/ 41		1.2	1.3															23	23	62	119
40/ 39	.1	.9	.7															15	15	42	82
38/ 37		.3	.5															8	8	19	64
36/ 35		.9	.2															11	11	10	33
34/ 33		.2																2	2	15	25
32/ 31																				2	12
30/ 29		.1																1	1	1	12
28/ 27																					9
26/ 25																					1
TOTAL	.5	27.1	44.1	18.7	7.3	1.8	.4											919	919	919	919

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.	5390799	69711	75.9	10.585	919							
Dry Bulb	2373815	86433	50.5	5.899	919		.1	.2				.3
Wet Bulb	2029889	82981	86.8	4.580	919		.3					.3
Dew Point	1717931	78863	82.9	5.082	919		1.8					.2

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

03931 STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 | 0900-1200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 77								.1										1	1		
74/ 75							.2	.3										4	4		
72/ 73						.1	.3		.2									6	6		
70/ 71						.1	.3	.2	.1									7	7		
68/ 69					.2	.2	.3	.2		.1								15	15		
66/ 67					.2	.3	.4	.4	.5									16	18		
64/ 65				.1	.2	.4	1.4	.2	.1									32	32		
62/ 63				1.7	1.9	2.6	.9	1.	.3									77	77	6	
60/ 61			.8	1.7	3.1	1.4	1.	.2										76	76	12	
58/ 59			1.2	1.9	3.6	2.4	1.	.2										94	94	17	1
56/ 57	.4	1.2	5.	4.2	2.5	.1	.1											125	125	45	3
54/ 55	.4	1.4	3.8	1.7	1.1	.2												80	80	26	3
52/ 53	.7	3.6	4.1	1.9	.3	.2												99	99	10	26
50/ 51	1.1	5.6	2.1	1.1	.7													96	96	12	51
48/ 49	.4	3.9	2.7	.4	.2													70	71	15	47
46/ 47	.9	1.6	2.1	.7	.1													68	68	11	89
44/ 45	1.	1.2	1.4	.3														40	41	24	205
42/ 43		.3	.2															5	5	13	121
40/ 41	.1	.2																3	3	12	94
38/ 39	.																	2	1	22	61
36/ 37																				1	41
34/ 35																					41
32/ 33																					25
30/ 31																					17
28/ 29																					14
26/ 27																					15
24/ 25																					1
TOTAL	7.	32	3.9	26.9	2	.5	13.	6.5	3.9	1.3	.1								918		9.8
																		918		918	

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.	3845374	58252	63.2	13.797	918							
Dry Bulb	2941594	51636	56.2	6.365	918			5.2	1.1			93
Wet Bulb	2291794	45658	49.7	8.778	918							93
Dew Point	1749518	39704	43.3	5.935	918		4.9					93

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] STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81											.1								1	1		
80 / 79									.2										2	2		
78 / 77							.7		.4	.1									8	8		
76 / 75							.7	.7	.4										10	10		
74 / 73						.3	.7	.7	.5	.2									22	22		
72 / 71						.4	.4	.2	.9	.2	.1								21	21		
70 / 69					.1	.5	.4	.6	.5	.5									27	27		
68 / 67					.4	.2	1.2	.4	.3	.3									27	27		
66 / 65				.3	.9	.9	1.7	.8	.2	.7									50	50		
64 / 63			2.2	2.3	4.2	1.7	1.2	.7											113	113	13	
62 / 61		.4	1.1	2.4	2.1	1.7	.3	.3											77	77	20	
60 / 59		.8	2.6	2.6	2.6	1.6	.2												102	102	31	
58 / 57		.9	3.3	3.6	3.2	.5	.1												106	106	55	7
56 / 55	.1	.7	4.7	2.0	.8	.2													77	77	87	13
54 / 53	1.1	1.5	3.1	2.8	.9	.4													90	90	117	38
52 / 51	1.0	2.9	2.3	1.7	1.2														79	79	116	47
50 / 49	.7	3.2	.9	.4	.2														89	89	171	56
48 / 47	.3 1.4	.5	.5	1.5															40	40	147	64
46 / 45	.1	.3	.7	.7															13	13	84	182
44 / 43	.1	.1	.1																3	3	28	120
42 / 41	.1																		1	1	28	102
40 / 39																					24	83
38 / 37																					1	62
36 / 35																						44
34 / 33																						27
32 / 31																						18
30 / 29																						24
28 / 27																						16
26 / 25																						4
24 / 23																						1
TOTAL	.3	4.6	11.3	21.4	21.1	17.3	11.1	6.0	4.6	2.1	.2								918		918	918
																			918		918	

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	≥ 88 F	≥ 92 F	Total
Rel. Hum.	321[illegible]868	52568	57.3	8.955	918							
Dry Bulb	3225763	58032	58.9	7.284	918			12.0	8.4	.1		93
Wet Bulb	239 1352	46620	50.8	8.985	918							93
Dew Point	1721853	38307	42.8	6.506	918		7.8					97

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 | 15[illegible]-17[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 79									.1		.3							4	4		
78 / 77								.3	.9									11	11		
76 / 75						.1	.1	.1	.5									8	8		
74 / 73						.1	.3	.5	.3	.1								13	13		
72 / 71						.1	.1	.4	1.0	.2	.1							18	18		
70 / 69					.1	.4	.9	.5	.1	.4	.1							26	26		
68 / 67					.4	.8	.5	.3	.4	.2								25	25		
66 / 65			.1	.4	1.2	.2	2.4	1.1	.7	.1								56	56	1	
64 / 63			.1	1.7	2.5	3.5	2.2	1.1	.9									107	107	8	
62 / 61			.2	1.1	3.3	2.3	2.2	.2	.4									91	91	16	
60 / 59			.5	1.5	3.5	2.7	2.1	.3	.1									103	103	38	3
58 / 57		.2	.8	3.5	3.1	2.7	1.2											105	105	52	4
56 / 55		.1	1.1	4.8	2.3	1.2												87	87	75	18
54 / 53	.1	.4	1.3	2.9	1.5	.4	.2											64	64	114	24
52 / 51	.1	.2	3.7	1.9	1.5	.7	.3											77	77	130	46
50 / 49		1.2	2.5	1.6	.3	.9												60	61	165	41
48 / 47	.2	1.3	.3	.3	1.1	.3												32	32	144	74
46 / 45		.8	1.4	.2	.2													24	24	97	178
44 / 43			.7															6	6	34	127
42 / 41																				29	106
40 / 39		.1																1	1	23	81
38 / 37																				2	56
36 / 35																					59
34 / 33																					27
32 / 31																					24
30 / 29																					21
28 / 27																					24
26 / 25																					4
24 / 23																					2
TOTAL	.4	4.4	12.9	20.3	20.9	16.4	13.2	5.7	5.4	1.1	.5								918		918
																		918		918	

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.	3217641	52543	57.2	15.143	918							
Dry Bulb	3281371	53821	58.6	7.077	918			10.6	3.6			93
Wet Bulb	2370578	46426	50.6	9.973	918							93
Dew Point	1701326	39072	42.6	6.866	918		7.6					93

USAFETAC FORM No. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~03671~~ STATION | LAKENHEATH RAF UK STATION NAME | ~~74-83~~ YEARS | ~~MAY~~ MONTH

PAGE ~~1 1860-2760~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~78/ 77~~									.1									1	1		
~~76/ 75~~							.2		.1									3	3		
~~74/ 73~~						.2	.3											5	5		
~~72/ 71~~					.2		.3											4	4		
~~70/ 69~~					.1	.4	.1	.3	.2									11	11		
~~68/ 67~~					.4	.3	.3	.2	.1									13	13		
~~66/ 65~~			.1	.2	.4	.3	.9	.5	.1									24	24		
~~64/ 63~~	.1	.1		1.5	1.9	1.6	1.3	.7	.1									67	67	8	2
~~62/ 61~~		.1	.3	2.1	2.6	1.2	1.0	.2										69	69	10	1
~~60/ 59~~			.4	2.1	3.1	1.2	1.3	.5										77	77	14	1
~~58/ 57~~		.3	1.7	2.3	2.6	2.6	.1	.1										90	90	22	5
~~56/ 55~~		.1	1.3	5.6	2..	1.2	.4											97	97	54	11
~~54/ 53~~		.7	2.7	4.1	3.3	1.0	.2											110	110	86	23
~~52/ 51~~	.3	.5	4.8	2.7	1.7	.3												96	96	102	35
~~50/ 49~~		1.1	5..	2.2	1..	.1												86	86	147	59
~~48/ 47~~	.2	3.6	2.2	2.1	.8													81	81	171	68
~~46/ 45~~		1.4	2.9	1.1	1.2													61	61	130	188
~~44/ 43~~		.1	.4	.7														11	11	81	126
~~42/ 41~~		.4	.1	.2														7	7	41	96
~~40/ 39~~		.3																3	3	26	95
~~38/ 37~~	.1	.1																2	2	14	66
~~36/ 35~~																				3	7
~~34/ 33~~																					4
~~32/ 31~~																					1
~~30/ 29~~																					11
~~28/ 27~~																					21
~~26/ 25~~																					5
TOTAL	.8	8.9	22.1	26.8	21.1	10.3	6.5	2.6	.8										918		918
																		918		918	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	~~3961623~~	~~58986~~	~~64.2~~	~~13.878~~	~~918~~							
Dry Bulb	~~2816138~~	~~50498~~	~~55.~~	~~6.463~~	~~918~~			~~3.7~~	~~.0~~			~~03~~
Wet Bulb	~~2211143~~	~~48619~~	~~88.8~~	~~5.005~~	~~919~~							~~03~~
Dew Point	~~1691955~~	~~38900~~	~~42.5~~	~~6.184~~	~~918~~		~~8.8~~					~~03~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03331 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-87 (YEARS) MAY (MONTH)

PAGE 1 21??-2??? (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 65			.1		.?													4		
64/ 63				.?	.1	.1												10	10	1	
62/ 61	.?		.4	1.?	.2	.1												18	19	2	3
60/ 59			.?	1.1	.6	.1												24	29	3	
58/ 57		.2	?.1	1.5	.?	.3												44	44	13	
56/ 55		1.?	1.9	3.1	.?	.2												43	63	21	1
54/ 53		.6	4.9	5.2	?.1	.2												116	116	40	22
52/ 51	.3	1.2	7.4	3.1	.6	.1	.1											115	115	59	33
50/ 49		2.6	8.1	1.5	.4													112	112	119	31
48/ 47	.4	6.7	5.5	1.9	.1	.1												132	132	191	62
46/ 45		6.5	7.8	1.1	.?													139	139	179	171
44/ 43	.1	1.2	2.2	.6														37	37	86	147
42/ 41	.1	.6	2.2	.3														29	29	83	131
40/ 39	.1	1.3	1.2	.2														26	26	36	92
38/ 37	.2	1.1	.?															18	18	36	59
36/ 35		.2	.3															5	5	23	59
34/ 33			.1															1	1	13	34
32/ 31																				1	19
30/ 29																					14
28/ 27																					1
26/ 25																					6
TOTAL	1.6	23.3	45.9	21.5	6.3	1.3	.1												893		893
																		893		893	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	5151838	67190	75.2	10.396	893							
Dry Bulb	2247613	44531	49.9	5.500	893							93
Wet Bulb	1923498	41210	46.1	4.937	893		.1					93
Dew Point	1613667	37615	42.1	5.726	893		5.2					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03831 LAKENHEATH RAF UK 74-83 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 61											.0							1	1			
86/ 79									.0		.0							6	6			
78/ 77								.1	.2	.0								21	21			
72/ 75						.0	.1	.1	.1									25	25			
74/ 73						.1	.2	.2	.1	.0								46	46			
72/ 71					.0	.1	.2	.1	.3	.1	.0							53	53			
71/ 69					.1	.3	.2	.3	.1	.1	.0							81	81			
68/ 67					.2	.2	.3	.2	.2	.1								83	83			
66/ 65			.0	.2	.5	.3	.8	.4	.1	.1								170	170	1		
64/ 63	.0	.0	.0	1.1	1.1	1.6	.8	.5	.3									386	386	76	2	
62/ 61	.0	.0	.3	.9	1.6	.9	.8	.2	.1									353	353	62	5	
60/ 59	.0		.6	1.3	1.8	1.2	.8	.3	.0									436	436	108	8	
58/ 57	.0	.3	1.2	2.3	2.1	1.5	.3	.0										554	554	212	21	
56/ 55		.4	1.8	3.4	1.3	.6	.1											544	544	332	66	
54/ 53	.0	.9	3.6	3.3	1.9	.4	.1											726	726	524	167	
52/ 51	.1	1.3	6.3	2.1	1.1	.4	.1											804	804	709	263	
50/ 49	.0	1.8	5.4	1.4	.4	.0												662	662	1103	323	
48/ 47	.2	5.5	3.0	1.3	.5	.1												764	764	1256	513	
46/ 45	.1	5.5	4.4	.9	.4													806	806	1132	1489	
44/ 43	.1	1.1	1.6	.3														225	225	691	1099	
42/ 41	.0	.9	1.7	.1														145	145	456	888	
40/ 39	.0	.9	.4	.0														94	94	279	705	
38/ 37	.1	.7	.5															88	88	153	502	
36/ 35	.1	.5	.4															72	72	92	427	
34/ 33		.3	.3															40	40	85	247	
32/ 31		.1																6	6	44	124	
30/ 29		.0																3	3	12	133	
28/ 27	.0																	3	3	4	160	
26/ 25																					40	
24/ 23																					9	
TOTAL	.9	20.2	30.8	18.6	12.8	7.7	4.7	2.3	1.5	.4	.1							7191		7191		7191

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	≤ 92 F	Total
Rel. Hum.	359411437	496243	69.015	15.358	7191							
Dry Bulb	20593725	380817	53.0	7.703	7191		1.2	32.8	10.2	.1		744
Wet Bulb	16578083	382953	47.7	5.556	7191		6.2					744
Dew Point	13118327	308103	42.7	5.080	7191		48.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69				.1	.1													3	3		
68 / 67				.2	.3													5	5		
66 / 65				.4														4	4		
64 / 63		.1	.1	1.3	.1													12	13	3	
62 / 61		.1	2.1	2.7	.7	.1												47	47	4	
60 / 59		1.4	5.2	2.1	.6													69	84	16	3
58 / 57		4.4	3.8	2.4	.9													104	104	54	3
56 / 55		5.4	5.2	3.[illegible]														123	123	111	44
54 / 53	.1	4.7	8.3	3.9	.7													155	155	105	119
52 / 51		4.2	7.6	2.3	.7													127	127	140	89
50 / 49	.1	3.2	4.6	1.1	.1													82	82	158	111
48 / 47		3.8	2.8	.8	.1													67	67	118	119
46 / 45		3.1	2.1	.3														50	50	92	154
44 / 43	.1	1.3	.6	.3														21	21	49	91
42 / 41		1.1	.7															16	16	31	67
40 / 39			.1															1	1	16	44
38 / 37																				3	29
36 / 35																				1	13
34 / 33																					12
32 / 29																					2
TOTAL	.3	33.0	43.1	20.4	3.[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	≤ 92 F	Total
Rel. Hum.	5688135	71115	79.[illegible]	8.752	900							
Dry Bulb	2605453	48215	53.6	8.999	900			.[illegible]				90
Wet Bulb	2289657	45201	50.2	8.659	900							90
Dew Point	2023899	42811	47.[illegible]	5.310	900		.[illegible]					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

7-931 STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUN MONTH

PAGE 1 ~~OF 2 PAGES~~

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~~/ 65				.3														3	3		
~~64~~/ 63			.1	.3														4	4		
~~62~~/ 61			.2	1.6	.1													23	23		
~~60~~/ 59		1.1	2.4	.9														40	40	61	
~~58~~/ 57		5.7	4.3	.9	.1													99	99	73	4
~~56~~/ 55		6.2	4.8	3.2														~~128~~	~~128~~	~~93~~	~~22~~
~~54~~/ 53		4.7	8.4	2.2														138	138	109	86
~~52~~/ 51	.2	5.9	8.2	1.1														~~138~~	~~138~~	~~118~~	~~1.2~~
~~50~~/ 49	.2	5.1	5.4	.8														104	104	176	83
~~48~~/ 47		5.3	3.2	.7														~~83~~	~~83~~	~~142~~	~~121~~
~~46~~/ 45	.1	5.4	2.4	.2														74	74	172	166
~~44~~/ 43		2.1	1.0	.1														~~29~~	~~29~~	~~79~~	~~111~~
~~42~~/ 41	.2	1.6	1.3															28	28	28	65
~~40~~/ 39		.6	.2															~~7~~	~~7~~	~~19~~	~~85~~
~~38~~/ 37		.1	.1															2	2	15	19
~~36~~/ 35																				~~3~~	~~21~~
34/ 33																				1	13
~~32~~/ 31																					4
~~30~~/ 29																					1
~~28~~/ 27																					1
TOTAL	.8	43.8	43.0	12.2	.2													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.	5098239	73097	81.2	7.088	900							
Dry Bulb	2855601	46613	52.0	8.793	900							90
Wet Bulb	2191216	4822?	69.1	8.580	900							90
Dew Point	1959863	41783	56.8	5.183	900			6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUN MONTH

PAGE 1 0600-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
79/ 77								.1										1	1		
76/ 75							.1											1	1		
74/ 73						.1	.2											6	6		
72/ 71					.1	.4		.1										6	6		
70/ 69				.2	.2													8	8		
68/ 67				.2	.4	.2												8	8		
66/ 65			.1	1.[illegible]	.4	.1												15	15	1	
64/ 63			.9	5.2	1.2	.8												70	70	11	
62/ 61		.2	2.4	2.4	1.2	.1	.2											60	60	18	
60/ 59		1.[illegible]	5.3	4.1	1.[illegible]		.2											105	105	37	8
58/ 57		3.4	4.8	7.[illegible]	1.2	.2												150	150	80	28
56/ 55		4.1	5.8	6.3	1.[illegible]	.1												156	156	110	55
54/ 53	.2	2.7	7.[illegible]	4.9	.7													139	139	129	104
52/ 51	.1	2.8	5.8	1.[illegible]	.2													89	89	168	118
50/ 49		1.1	2.3	.9														39	39	192	88
48/ 47		1.6	1.7	.1														30	30	97	133
46/ 45	.1	.7	.4	.2														13	13	37	205
44/ 43		.2	.1															3	3	22	45
42/ 41		.1																1	1	8	63
40/ 39																					32
38/ 37																					12
36/ 35																					11
TOTAL	.4	17.9	36.7	33.7	8.2	2.1	.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	≥ 92 F	Total
Rel. Hum.	5100191	67147	74.6	10.031	900							
Dry Bulb	2893142	50826	56.5	5.039	900			3.0	.8			90
Wet Bulb	2461551	46911	52.1	4.270	900							90
Dew Point	2120452	43969	48.3	9.882	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

[redacted] STATION LAKENHEATH RAF UK STATION NAME 73-82 YEARS JUN MONTH

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] 87											.1							1	1		
86/ 85											.2							2	2		
84/ 83									.2	.1								3	3		
82/ 81								.4	.3	.1								8	8		
80/ 79							.2	.2	.4			.1						10	10		
78/ 77						.2	.4	.2			.2							14	14		
76/ 75							.9	.1	.3									12	12		
74/ 73				.1	.1	.4	.9	.2	.3									19	19		
72/ 71					.2	1.3	.7	.7										26	26		
70/ 69				.2	1.3	1.4	1.2	.2	.1									41	41		
68/ 67			.2	.1	1.1	2.7	.7	.6	.1									49	49	17	
66/ 65			.3	.8	2.8	1.4	1.4	.3										64	64	15	
64/ 63		.1	.7	5.3	5.4	4.6	.7											151	151	31	1
62/ 61		.2	1.7	3.2	5.9	1.8	1.3	.2										126	126	42	13
60/ 59		.3	3.3	3.8	6.3	1.8	.7	.2										145	145	72	22
58/ 57	.1	1.4	1.4	3.7	2.6	1.3	.3											95	95	145	33
56/ 55	.1	.6	1.7	2.9	2.4	.7												69	69	131	72
54/ 53		.4	1.1	2.2	.4	.1												39	39	151	99
52/ 51		.1	1.2	.4	.1													17	17	172	114
50/ 49			.3															3	3	88	76
48/ 47				.1														1	1	63	96
46/ 45			.2															2	2	20	163
44/ 43																				3	64
42/ 41																					79
40/ 39		.1																1	1		25
38/ 37																				1	19
36/ 35		.2																2	2		14
34/ 33																				2	10
32/ 31																					2
30/ 29																					1
TOTAL	.2	3.6	11.6	22.9	29.4	17.4	9.1	4.0	1.9	.2	.6	.1						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	≥ 88 F	≥ 92 F	Total
Rel. Hum.	35395[illegible]9	55281	61.4	22.655	900							
Dry Bulb	3535333	56093	62.3	6.612	900			18.5	6.9	2.3		90
Wet Bulb	2721487	49293	54.8	8.910	900			1.7				90
Dew Point	2132332	43888	48.7	5.871	900		[illegible]					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

03931 LAKENHEATH RAF UK 73-82 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93													.1					1	1		
92/ 91												.2						2	2		
90/ 89											.1	.1						2	2		
88/ 87										.2	.3							5	5		
86/ 85										.1	.2	.2						5	5		
84/ 83										.4	.3							7	7		
82/ 81							.1	.6	1.0	.4	.1		.1	.2				23	23		
80/ 79							.1	.4	.1	.1		.1						8	8		
78/ 77					.1	.1	.4	.2	.7	.2		.1	.1					18	18		
76/ 75						.6	.4	.8	.7	.1								23	23		
74/ 73				.2	.1	.7	1.4	2.2	1.2	.2								55	55		
72/ 71				.2	.2	1.9	2.9	1.6	.4									65	65		
70/ 69			.1		1.1	3.4	2.2	1.4	.1	.1								77	77	10	
68/ 67			.1	.1	1.1	1.9	.7	.7										41	41	18	
66/ 65				.8	3.9	2.8	2.6	.6	.7									101	101	31	1
64/ 63			.3	2.2	3.6	6.3	1.9	.8										136	136	32	3
62/ 61	.3	1.4	2.3	4.6	1.6	1.4	.1											103	103	76	5
60/ 59		1.6	1.2	2.6	1.8	.7	.5											75	75	112	22
58/ 57	.6	1.6	3.1	2.1	1.6		.1											81	81	142	35
56/ 55	.7	.4	1.4	1.3	.2													37	37	124	53
54/ 53	.3	.3	.6	.6	.2													18	18	140	92
52/ 51	.3	.4	.1	.1														9	9	96	132
50/ 49	.1	.1	.1															3	3	65	87
48/ 47		.4																4	4	96	95
46/ 45		.1																1	1	13	164
44/ 43																				4	55
42/ 41																				1	63
40/ 39																					45
38/ 37																					21
36/ 35																					14
34/ 33																					12
32/ 31																					3
30/ 29																					1
28/ 27																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUN MONTH

PAGE [illegible] ~~12UC-1AFC~~ ~~NOAA (C. S. T.)~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.8	.3	.2				900	[illegible]	900	[illegible]

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.	~~2898301~~	~~49657~~	~~55.2~~	~~13.282~~	~~900~~							
Dry Bulb	~~3901866~~	~~58878~~	~~65.4~~	~~7.602~~	~~900~~			~~33.2~~	~~14.9~~	~~4.9~~	~~.1~~	~~90~~
Wet Bulb	~~2883509~~	~~50381~~	~~56.0~~	~~5.098~~	~~900~~			~~2.8~~				~~90~~
Dew Point	~~2116986~~	~~43308~~	~~48.1~~	~~6.385~~	~~900~~		~~6~~					~~90~~

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 1500-17 C
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 93													.1	.1				2	[illegible]		
[illegible] / 91												.2	.1					4	4		
[illegible] / 89											.2							2	2		
88 / 87										.1	.2	.1						8	8		
[illegible] / 85											.2	.1						3	3		
[illegible] / 83											.2	.1						3	3		
[illegible] / 81								.2	.1	.1	.2		.1					9	9		
[illegible] / 79						.1	.1	.3	.2	.1	.1	.1						10	11		
78 / 77						.1	.2	1.1	.9	1.2	.2							31	31		
76 / 75					.1	.8	1.1	1.2	.9	.4								45	45		
74 / 73				.1		.6	2.4	1.1	.8	.4								49	49		
72 / 71				.2	.1	2.2	1.4	1.4	1.2									56	56		
70 / 69			.1		1.2	2.3	1.7	1.2	.4									61	61	8	
68 / 67			.1	.2	1.1	2.6	2.7	.4	.3									67	67	16	
66 / 65			.2	.7	3.2	2.4	2.8	1.2	.1									94	94	25	1
64 / 63				3.2	2.9	5.2	2.2	.6	.3									128	129	33	6
62 / 61		.2	.3	2.2	4.1	1.6	.9											92	93	95	8
60 / 59		.1	.8	2.7	2.2	1.4	.6	.4										78	78	98	16
58 / 57		1.2	2.1	1.8	1.2	.7												65	65	127	27
56 / 55		.8	1.2	2.6	1.2	.2												52	52	129	69
54 / 53		.3	.4	.3	1.1	.2												22	22	152	100
52 / 51		.3	.2	.6	.2													12	12	93	97
50 / 49		.3	.2															5	5	71	92
48 / 47			.1															1	1	31	102
46 / 45																				17	168
44 / 43		.1																1	1	4	69
42 / 41																				2	57
40 / 39																					42
38 / 37																					21
36 / 35																					15
34 / 33																					7
32 / 31																					1
TOTAL		3.7	5.9	15.0	19.2	20.2	15.9	9.9	5.1	2.2	1.9	.8	.3	.1				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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	2938333	49857	55.4	14.009	900							
Dry Bulb	3978862	58908	65.5	7.688	900			35.0	16.6	3.8	.2	90
Wet Bulb	2846114	50412	56.0	9.987	900			2.9				90
Dew Point	2119466	43356	48.2	5.859	900		.3					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[03331] STATION | LAKENHEATH RAF, UK STATION NAME | 73-82 YEARS | [illegible] MONTH

PAGE 1 [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 91													.1					1	1		
[illegible]/ 89												.1						1	1		
[illegible]/ 87										.1	.1							2	2		
[illegible]/ 85												.1						1	1		
[illegible]/ 83										.1								1	1		
[illegible]/ 81									.2	.1								3	3		
[illegible]/ 79								.3	.3	.1								5	5		
76/ 77							.1	.2	.1	.1								11	11		
74/ 75						.1	.4	.1	.3	.1								17	17		
72/ 73						.6	.3	.3	.2									18	18		
70/ 71					.1	.2	.3	.3	.3									36	36		
68/ 69					1.6	1.1	1.6	.2	.2									42	42	1	
66/ 67			.2	.3	1.1	2.1	1.2	.3	.1									53	53	4	
64/ 65			.6	1.4	1.9	2.1	1.3	.4	.1									75	75	12	
62/ 63			.6	3.7	4.4	5.2	.9	.1										136	136	35	1
60/ 61		1.1	1.8	2.6	4.1	1.9	.6											166	166	61	6
58/ 59		.4	2.2	2.8	3.9	1.1	.7	.4										103	103	69	19
56/ 57		1.6	3.1	4.2	1.4	1.2	.1											104	104	130	35
54/ 55		.3	2.2	5.3	1.2	.1	.1											88	98	135	81
52/ 53		.4	2.3	1.8	1.7	.1												57	57	134	67
50/ 51		.6	.6	1.2	.1													22	22	171	98
48/ 49		.2	.6	.2														9	9	95	82
46/ 47			.3															3	3	60	117
44/ 45		.2	.1															3	3	26	174
42/ 43		.1																1	1	4	77
40/ 41		.1																1	1	3	47
38/ 39																					35
36/ 37																					22
34/ 35																					10
32/ 33																					7
30/ 31																					3
TOTAL		5.4	14.4	23.6	22.2	17.9	8.7	4.6	2.0	.7	.2	.2	.1					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.	3646337	55997	62.2	13.432	900							
Dry Bulb	3499316	55786	62.0	6.790	900			19.2	6.1	1.5		9[illegible]
Wet Bulb	2702289	49123	54.6	8.885	900			.5				9[illegible]
Dew Point	2126313	43443	48.3	5.711	900		3					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | LAKENHEATH RAF LK STATION NAME | 73-82 YEARS | [redacted] MONTH

[redacted] HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
[redacted] / 77							.1	.1																
[redacted] / 73						.2	.3	.1																
[redacted] / 71					.1		.1																	
[redacted] / 69				.1	.3	.3																		
[redacted] / 67					.3	.1																		
[redacted] / 65			.1	1.3	.5	.2	.1																	
[redacted] / 63	.2	.4	4.0	1.0	.4																			
[redacted] / 61	.2	3.4	3.8	2.1	.1																			
[redacted] / 59	1.3	4.8	3.5	1.3	.2																			
[redacted] / 57	3.8	3.8	4.6	.3	.6																			
[redacted] / 55	2.7	5.4	4.4	.7	.1																			
[redacted] / 53	1.8	8.3	4.7	1.3	.1																			
[redacted] / 51	.1 2.4	4.7	1.7	.7																				
[redacted] / 49	.7	3.9	1.1	.3																				
[redacted] / 47	.6	1.7	.4	.1																				
[redacted] / 45	.2	.4	.1																					
[redacted] / 43	.6	.4																						
[redacted] / 41	.1																							
[redacted] / 39																								
[redacted] / 37																								
[redacted] / 35																								
[redacted] / 33																								
[redacted] / 31																								
TOTAL	.1 15.6	37.4	30.7	12.7	2.4	.1	.2														900	[redacted]	900	9[redacted]

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.	499[redacted]6.4	66376	73.8	10.297	900							
Dry Bulb	2889874	50783	56.4	5.223	900			2.1	.9			9[redacted]
Wet Bulb	2446524	46798	51.9	4.523	900							[redacted]
Dew Point	2090851	43123	47.9	5.235	900		.2					[redacted]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUL MONTH

PAGE [illegible] | ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]													.0	.0				3	3		
[illegible]												.1	.0					7	7		
[illegible]											.0	.0						5	5		
[illegible]										.1	.2	.0						7	7		
[illegible]										.1	.1	.1						11	11		
[illegible]									.2	.1	.1	.0						14	14		
[illegible]							.1	.2	.2	.1	.1		.2	.2				43	43		
[illegible]						.0	.1	.2	.1	.0	.0	.0						33	33		
[illegible]					.0	.1	.2	.4	.2	.2	.0	.0	.0					77	77		
[illegible]					.0	.2	.4	.4	.3	.1								98	98		
[illegible]				.1	.1	.4	.3	.2	.3	.1								153	153		
[illegible]				.1	.1	.2	.7	.6	.2									191	191		
[illegible]			.0	.1	.1	.1	.2	.4	.1	.0								238	238	19	
[illegible]			.1	.2	.3	.2	.2	.2	.1									227	227	55	
[illegible]			.2	.8	1.0	1.1	1.1	.2	.1									377	377	85	2
[illegible]		.1	.4	2.2	2.4	2.3	.7	.2	.0									708	708	141	16
[illegible]		.3	1.8	2.6	2.0	.9	.2	.1										644	644	314	33
[illegible]		.7	2.2	2.6	2.5	.9	.3	.1										749	749	444	92
[illegible]	.0	.7	3.1	3.5	1.4	.2	.1	.0										820	820	804	185
[illegible]	.0	.7	3.3	3.7	1.0	.2	.0											773	773	940	464
[illegible]	.0	1.9	4.5	2.6	.8	.1												714	714	1029	790
[illegible]	.1	2.1	3.6	1.0	.2													600	600	1033	842
[illegible]	.0	1.3	2.2	.5	.1													299	299	990	709
[illegible]		1.4	1.3	.3	.0													214	214	645	904
[illegible]	.0	1.3	.7	.1														159	159	369	1392
[illegible]	.0	.6	.3	.1														64	64	184	578
[illegible]	.0	.4	.3															49	49	85	531
[illegible]		.1	.0															9	9	37	346
[illegible]		.1	.0															2	2	19	159
[illegible]		.1																2	2	4	113
[illegible]																				3	63
[illegible]																					14
[illegible]																					5
[illegible]																					6

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 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

72531 STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.215	.724	.921	.314	.4	10	.4	.6	.3	.7	1.7	.6	.5	.2	.1	.0					
																		7200		7200	

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	34795389	488527	67.9	15.132	7200							
Dry Bulb	25689447	426297	59.2	7.900	7200			111.7	96.1	11.8	.3	720
Wet Bulb	20502437	382289	53.1	5.330	7200			7.8				720
Dew Point	16690172	344332	47.8	5.564	7200		2.8					720

FORM AF 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

[redacted] STATION | LAKENHEATH RAF, UK STATION NAME | 73-82 YEARS | [redacted] MONTH

PAGE 1 [redacted] 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 C.S./W.S.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted]		.1																1	1		
[redacted]		.2		.1														3	3		
[redacted]		.2	.4															6	6	1	
[redacted]	.2	.6	1.3	.2														21	21	2	1
[redacted]	.4	4.1	3.1	.2	.1													75	75	6	4
[redacted]	2.4	5.2	4.1	.5	.2													114	114	21	6
[redacted]	4.2	6.6	3.1	.6														134	134	75	19
[redacted]	5.4	5.6	4.4	.5														146	146	143	58
[redacted]	5.7	6.2	2.2															129	129	139	118
[redacted]	4.[redacted]	7.7	2.2															128	128	142	143
[redacted]	7.6	5.8																80	80	146	129
[redacted]	2.3	2.8																45	45	126	114
40/ 47	2.2	1.3																32	32	75	130
[redacted]	1.2	.2																13	13	43	137
[redacted]	.2																	2	2	9	43
[redacted]																					27
[redacted]																					2
TOTAL	.23	1.6	46.5	23.3	2.2	.2													933		914
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6009768	74832	80.0	7.528	930							
Dry Bulb	3017670	52802	56.8	8.613	930			1.0				93
Wet Bulb	2669451	49669	53.4	8.287	930			.1				93
Dew Point	2803080	47088	50.6	8.555	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

[illegible] 331 — STATION
LAKENHEATH RAF UK — STATION NAME
73-[illegible] — YEARS
JUL — MONTH
PAGE [illegible]
[illegible]-05 G — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67			.2															2	2		
67 / 65		.1	.1	.1														3	3	3	
64 / 63		.2	1.7	2.7	.1													44	44	1	1
[illegible] / 61		1.3	6.1	2.3	.1													91	91	14	
[illegible] / 59		3.7	6.3	1.1	.2													105	105	41	21
[illegible] / 57		3.3	6.3	2.4	.1													150	150	113	40
66 / 55	.1	2.[illegible]	6.[illegible]	2.2														151	151	134	97
64 / 53	.1	4.8	6.8	1.3														121	121	140	132
62 / 51		3.6	6.7	.1														98	98	120	134
[illegible] / 49		3.5	3.7															67	67	120	93
48 / 47		3.3	1.5															45	45	109	116
46 / 45	.1	3.9	.6															43	43	59	72
44 / 43		.9																9	8	30	61
42 / 41		.2																2	2	5	42
[illegible] / 39																					12
TOTAL	.3	41.6	46.1	11.4	.5													930	930	937	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.	6304906	76338	82.1	6.462	930							
Dry Bulb	2845867	51263	55.1	8.653	930			.2				93
Wet Bulb	2553146	48560	52.2	8.350	930							93
Dew Point	2320697	46261	49.7	8.586	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

03[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 75					.1		.1	.2										4	4		
74 / 73						.1	.2	.1										4	8		
[illegible] / 71				.2	.4	.2												8	8		
[illegible] / 69			.1	.5	.5	.5												16	16		
[illegible] / 67			.5	.3	.8	.2												17	17	1	
66 / 65			.8	2.3	.2	.1												37	37	7	
[illegible] / 63		1.7	3.[illegible]	6.8	1.6	.2												124	124	19	3
62 / 61		1.4	6.9	5.2	1.[illegible]													153	153	63	17
[illegible] / 59		2.8	6.2	4.7	1.4	.1												142	142	77	43
56 / 57		3.8	7.5	8.8	.3													153	153	178	67
[illegible] / 55	.1	3.6	5.8	2.7														113	113	139	132
54 / 53		2.3	6.1	1.[illegible]														67	87	152	133
[illegible] / 51		2.3	2.8															47	47	152	139
50 / 49		.8	.8															14	14	155	117
48 / 47		.6	.2															8	8	77	139
46 / 45		.2																2	2	9	112
44 / 43																					22
42 / 41																					5
TOTAL	.1	19.4	42.8	28.5	7.[illegible]	1.5	.3	.3										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	≥ 95 F	Total
Rel. Hum.	5585162	71582	77.1	8.658	929							
Dry Bulb	3253852	58796	59.0	8.709	929			4.9	.8			93
Wet Bulb	2816842	51[illegible]18	58.9	8.[illegible]36	929			.1				93
Dew Point	2697279	48007	51.7	8.213	928							87

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-80 YEARS | JUL MONTH

PART 1 [illegible]-2100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89													.1					1	1		
88 / 87												.1						1	1		
[illegible] / 85													.1					1	1		
[illegible] / 83												.2						2	2		
[illegible] / 81							.[illegible]	.[illegible]	.6	.[illegible]	.1		.1					15	15		
[illegible] / 79							.1	.[illegible]	.2	.[illegible]		.1						17	17		
78 / 77						.[illegible]	.4	.[illegible]	.[illegible]	.[illegible]	.[illegible]							17	17		
76 / 75					.[illegible]	1.2	.6	.1	.1		.1							22	22		
74 / 73				.3	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]									31	31		
72 / 71			.1	.4	1.[illegible]	1.[illegible]	.8	.[illegible]										40	40		
70 / 69			.5	.[illegible]	1.[illegible]	[illegible].[illegible]	1.3	.[illegible]										62	62	3	
68 / 67			.9	1.3	3.2	1.7	1.1	.[illegible]										78	78	15	
66 / 65			1.2	2.[illegible]	3.[illegible]	2.4	1.4											107	107	46	
64 / 63		.6	2.2	7.5	7.1	5.1	.3											211	211	[illegible]	20
[illegible] / 61		.5	[illegible].4	4.1	5.1	1.3												134	134	[illegible]	32
[illegible] / 59		1.[illegible]	2.3	4.[illegible]	2.7	.1												93	93	133	59
58 / 57		.4	2.[illegible]	3.2	.3													62	62	165	78
56 / 55		.9	.[illegible]	.8	.[illegible]													24	24	145	101
54 / 53		.3	1.[illegible]	.4														16	16	155	107
52 / 51		.2	.1															3	3	70	153
50 / 49																				[illegible]	133
48 / 47																				2	113
46 / 45																					119
44 / 43																					[illegible]
42 / 41																					13
40 / 39																					2
TOTAL		[illegible].9	15.2	25.7	26.[illegible]	16.7	7.1	2.[illegible]	1.5	.[illegible]	.4	.4	.3					930	930		930

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.	3981330	59778	64.3	12.230	930							
Dry Bulb	3938276	60264	64.8	5.975	930			28.0	10.[illegible]	2.6		93
Wet Bulb	3098323	53539	57.6	4.169	930			1.8				93
Dew Point	2531236	48304	51.9	4.903	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

03831 STATION — LAKENHEATH RAF UK STATION NAME — 73-82 YEARS — [illegible] MONTH

PAGE 1 — ~~1200 GMT 14 OCT~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
94/ 93																.1			1	1		
92/ 91															.1				1	1		
90/ 89														.1					1	1		
88/ 87												.2	.4	.1					7	7		
86/ 85											.6	.2	.1						7	7		
84/ 83									.1	.3	.3	.1		.1					9	9		
82/ 81						.1	.1	.3	1.5	.9	.2		.2						31	31		
80/ 79					.1	.4	.3	.5	.8	.2	.1								20	20		
78/ 77					.1	.4	1.0	.9	.5	.2									29	29		
76/ 75				.1	.1	1.1	1.2	1.2	.9	.2									40	40		
74/ 73				.4	1.4	1.5	1.5	1.0	.9										70	70		
72/ 71					.6	2.3	3.7	1.5	.2										77	77	2	
70/ 69			.3	.6	2.3	3.9	4.2	.6	.1										112	112	7	
68/ 67				.5	2.3	2.5	2.6	.2	.1										68	68	22	1
66/ 65			1.7	1.7	2.3	2.9	3.9												116	116	70	3
64/ 63		.3	1.6	5.8	4.4	5.6	.5												170	170	80	13
62/ 61		.6	.2	2.5	3.8	.5													71	71	122	25
60/ 59		.3	1.7	1.5	1.7	.5													54	54	163	61
58/ 57		.3	.5	1.0	.2														19	19	157	84
56/ 55		.5	1.2	.8															21	21	131	67
54/ 53		.2	.2	.1															5	5	118	113
52/ 51																					44	123
50/ 49																					13	107
48/ 47																						106
46/ 45																						135
44/ 43																						49
42/ 41																						19
40/ 39																						4
38/ 37																						2
36/ 35																						1
TOTAL	2.4	7.3	15.1	19.3	21.3	18.2	7.0	4.7	1.8	1.1	.5	.8	.3	.1	.1				929		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.	3197668	53562	57.6	13.420	929							
Dry Bulb	4338315	63173	68.0	6.766	929			47.8	21.6	6.6	.1	93
Wet Bulb	3214856	54508	58.7	8.238	929			3.1				93
Dew Point	2885766	47818	51.5	5.176	929			.1				93

FORM AS 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible]-82 YEARS | JUL MONTH

PAGE 1 | 15'G-17'G HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 91														.1				1	1		
[illegible] / 89													.2	.1				3	3		
88 / 87													.2	.2				4	4		
[illegible] / 85												.1	.4					5	5		
84 / 83									.1	.1	.3	.3		.1				9	9		
82 / 81						.1	.2	.7	1.3	1.2	.2			.1				32	32		
[illegible] / 79						.4	.4	.8	.6	.3	.3		.1					28	28		
78 / 77						.4	.3	1.1	1.3	.1								34	34		
76 / 75					.2	1.6	1.8	1.7	.5	.4								59	59		
74 / 73				.5	.8	1.1	2.3	1.3	1.3									72	72		
72 / 71				.5	.8	2.4	2.5	1.0	.6									81	81	1	
[illegible] / 69			.1	.9	2.2	4.2	3.1	1.0										136	136	14	
68 / 67			.3	.2	1.8	2.[illegible]	2.3	.7										65	65	71	
66 / 65			1.2	1.4	3.[illegible]	2.2	4.2	.5										116	116	64	2
64 / 63		.3	1.6	4.5	4.9	4.4	.9											154	154	82	19
62 / 61		.3	1.3	1.9	1.9	1.3												63	63	149	35
[illegible] / 59		.5	1.6	.9	2.0	.2												50	50	152	42
58 / 57		.5	.9	1.[illegible]	.1													23	23	158	79
56 / 55		1.[illegible]	.6	.3														18	18	139	106
54 / 53			.8															7	7	105	1.2
52 / 51																				43	136
[illegible] / 49																				11	95
48 / 47																					93
46 / 45																					136
44 / 43																					52
42 / 41																					24
[illegible] / 39																					4
34 / 33																					3
TOTAL		2.7	8.4	12.2	17.6	20.4	18.4	9.5	5.8	2.2	.9	.4	1.0	.6				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.	3147269	52517	56.5	13.975	930							
Dry Bulb	4393850	63612	68.4	6.787	930			49.9	24.7	6.9		93
Wet Bulb	3233124	54696	58.8	9.188	930			3.2				93
Dew Point	2487891	47849	51.5	5.294	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

[3]5931 LAKENHEATH RAF UK 72-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 ~~1 HOUR (L. S. T.)~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85												.1	.1					2	2		
82/ 81									.2		.2	.1						6	4		
78/ 79						.2		.2	.1	.4	.1	.1						11	11		
74/ 77						.3	.3	.4	.4	.1		.1						20	23		
70/ 75					.2	.8	1.	.8	.4		.1							27	27		
66/ 73				.4	.3	1.1	1.6	.2	.5									50	50		
62/ 71				.5	1.7	2.4	1.2	.5	.2									61	61		
58/ 69			.1	1.2	2.2	2.9	1.2	1.										79	79	1	
54/ 67			.8	.4	2.2	2.8	.2	.2										61	61	12	
50/ 65		.3	.9	3.4	2.9	2.4	1.3											104	104	44	
46/ 63		.4	2.7	5.6	5.3	5.8	.2											186	186	63	19
42/ 61		.3	3.3	3.9	4.7	1.9	.2											125	125	122	27
38/ 59		1.5	1.9	3.1	2.6	.3												87	87	123	51
34/ 57		1.9	1.3	2.6	.9													62	62	173	91
30/ 55		.9	2.1	1.1														37	37	153	121
26/ 53			.8	.2														9	9	148	140
22/ 51			.2															2	2	65	123
18/ 49		.1																1	1	27	94
14/ 47																				2	123
10/ 45																					132
06/ 43																					26
02/ 41																					19
-2/ 39																					3
-6/ 35																					1
TOTAL		5.5	14.2	22.5	23.3	19.8	7.6	3.0	1.9	.5	.4	.4	.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.	3931449	59031	63.5	12.896	930							
Dry Bulb	3969767	60509	65.1	5.986	930			31.7	11.6	1.4		93
Wet Bulb	3101761	53571	57.6	8.137	930			1.3				93
Dew Point	2517173	48161	51.8	8.987	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | JUL MONTH

PAGE 1 | 2101-2700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]							.1	.1										2	1		
[illegible]				.2	.3		.1											6	5		
[illegible]			.1	.3	.0	.5	.2											19	19		
[illegible]			.4	.3	1.2	.3	.1											22	22	3	
66/ 65		.3	1.8	2.6	1.9	.6	.2	.1										71	71	1	
64/ 63		.9	4.4	6.3	2.5	1.[illegible]	.1											141	141	25	8
62/ 61		.9	6.7	4.5	2.5	.1												135	139	56	[illegible]
60/ 59		3.1	6.3	6.2	2.[illegible]	.2												167	167	98	33
58/ 57		2.9	4.7	6.3	.4													134	134	168	57
56/ 55		3.4	3.[illegible]	4.[illegible]														97	97	146	116
54/ 53		1.3	5.8	2.2														86	86	151	138
52/ 51		.4	2.7	.1														30	30	145	116
50/ 49		.5	1.1															15	15	95	96
48/ 47		.2	.3															5	5	35	137
46/ 45																				5	145
44/ 43																				2	26
42/ 41																					16
40/ 39																					3
TOTAL		13.9	37.4	33.2	11.[illegible]	2.8	.9	.2										930	937	972	934

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5245932	69292	74.5	9.461	930							
Dry Bulb	3317817	55378	59.5	4.670	930			4.9	.2			93
Wet Bulb	2825042	51118	55.0	4.060	930			.3				93
Dew Point	2463098	47672	51.3	4.572	930							93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF UK 73-80 [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 HOURS (G. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																.1		1	1		
[illegible]														.2	.2			2	2		
[illegible]													.1	.1				5	5		
68/ 37												.2	.1	.2				12	12		
66/ 35											.1	.1	.1					15	15		
64/ 33									.2	.1	.1	.1		.2				20	20		
62/ 31						.1	.1	.1	.2	.2	.1	.0	.0	.1				44	44		
60/ 29					.1	.1	.1	.2	.2	.2	.1	.0	.0					69	69		
58/ 27					.1	.2	.4	.3	.3	.1	.1	.0						100	100		
56/ 25				.2	.1	.6	.6	.4	.2	.1	.1							152	152		
54/ 23				.1	.4	.6	.8	.7	.4									229	229		
52/ 21			.2	.3	.7	1.1	1.3	.5	.1									274	274	3	
50/ 19			.2	.6	1.2	1.8	1.3	.3	.2									397	397	21	
48/ 17			.4	.4	1.4	1.1	.7	.1	.2									319	319	75	1
46/ 15		.1	1.1	1.0	1.0	1.3	1.4	.1										575	575	276	6
44/ 13	.2	.7	2.6	5.2	3.3	2.8	.3											1105	1105	350	91
42/ 11		1.1	4.4	3.5	2.4	.5	.1											886	886	629	158
40/ 9		2.1	4.2	3.1	1.6	.2												832	832	864	328
38/ 7		2.8	3.7	3.2	.4													751	751	1272	577
36/ 5	.2	3.0	3.2	1.7	.1													589	589	1122	883
34/ 3	.1	1.6	3.6	.9														459	459	1119	963
32/ 1		1.2	2.3	.2														260	260	815	1053
30/ -1		.9	1.1															142	142	518	819
28/ -3		.8	.4															90	90	254	967
26/ -5	.1	.7	.1															58	58	113	1088
24/ -7		.1																10	10	46	1136
22/ -9		.1																2	2	5	1164
20/ -11																					1164
18/ -13																					1164
16/ -15																					1164
14/ -17																					1164
TOTAL	.1	15.0	27.2	21.1	13.4	10.3	6.6	2.9	1.7	.7	.3	.2	.3	.1	.0	.0		7438	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.	37373276	516030	69.4	14.641	7438							
Dry Bulb	29 78947	461797	62.1	7.368	7438			167.9	68.9	17.5	.1	744
Wet Bulb	23512147	416675	56.0	8.783	7438			9.9				744
Dew Point	19706180	381152	51.2	8.888	7438			1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF UK [illegible] YEARS ALL MONTH

PAGE 1 [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
[illegible] / 75						.1													1	1		
[illegible] / 73						.2													2	2		
[illegible] / 69			.1	.4															5	5		
[illegible] / 67			.2	.4	.7														13	13		
[illegible] / 65		.3	1.1	1.2	.2														26	26	4	
[illegible] / 63		1.8	2.5	3.0	.4	.3													83	83	17	4
[illegible] / 61		3.8	6.5	4.3	.9														126	125	34	7
[illegible] / 59		3.1	6.7	2.2	1.1	.2													101	101	67	31
[illegible] / 57		4.4	5.8	2.5	.7														121	121	178	47
[illegible] / 55		6.2	6.0	2.2															134	134	142	102
[illegible] / 53		4.3	6.5	.8	.1														108	108	145	155
[illegible] / 51		2.1	5.4	.1	.2														72	72	127	153
[illegible] / 49		2.2	3.9	.9															54	56	120	97
[illegible] / 47	.1	2.6	.8	.2															34	34	78	87
[illegible] / 45		1.5	.4	.2															27	29	34	127
[illegible] / 43		.3	.2																5	5	26	52
[illegible] / 41		.2	.3																9	9	8	21
[illegible] / 39																					1	8
[illegible] / 37																					2	11
[illegible] / 35																						1
[illegible] / 33																						1
[illegible] / 31																						1
TOTAL	.1	35.8	45.9	19.1	3.2	.2													930	931	930	93

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.	5966657	74-75	79.7	8.463	930							
Dry Bulb	3028459	52947	56.8	5.233	930			2.1	.3			93
Wet Bulb	2673734	49662	53.4	4.866	930							93
Dew Point	2399956	46982	50.5	5.342	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

[redacted] STATION | LAKENHEATH RAF, UK STATION NAME | 73-82 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 69				.1														1	1		
[illegible] / 67				.1														1	1		
[illegible] / 65		.1	.3	.1														5	5		
[illegible] / 63		1.6	2.5	2.3	.7													62	62	3	
[illegible] / 61		2.7	4.4	1.5	.1													31	61	29	11
[illegible] / 59		3.4	6.2	.3	.3													103	103	56	41
[illegible] / 57	.1	9.4	6.3	3.5	.4													124	124	98	95
[illegible] / 55	.2	5.1	4.7	1.2														102	102	147	106
[illegible] / 53	.1	3.1	4.3	1.1	.2													87	87	115	113
[illegible] / 51	.2	4.9	4.7	.1	.3													96	96	136	118
[illegible] / 49	.3	3.8	2.6	.3														65	65	124	91
[illegible] / 47	.1	6.2	1.[illegible]	.4														72	72	63	[illegible]
[illegible] / 45	.1	2.9	1.6	.3														46	46	50	154
[illegible] / 43		.6	.2															9	9	39	72
[illegible] / 41		.5	.4															9	9	18	37
[illegible] / 39		.2																3	3	14	15
[illegible] / 37																				4	16
[illegible] / 35																					11
[illegible] / 33																					6
[illegible] / 31																					3
TOTAL	1.2	44.7	40.2	11.7	2.2														[illegible]		[illegible]
																		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.	6387623	76831	82.2	8.443	930							
Dry Bulb	2838193	51143	55.0	5.261	930			.2				[illegible]
Wet Bulb	2548629	43461	52.1	5.118	930							93
Dew Point	2317313	46133	49.6	5.574	930		.3					[illegible]

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

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME LAKENHEATH RAF UK YEARS 72-82 MONTH _____

PAGE _____ 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							.1											1	1		
74/ 76						.1												1	1		
72/ 73						.1												1	1		
70/ 71		.1			.1	.1												3	3		
68/ 69			.1	.2	.1		.1											5	5		
66/ 67			.2	.1	.1	.2												6	6		
64/ 65		.4	1.4	1.6	.9	.1												14	14		
62/ 63		1.7	3.4	5.1	1.4	.1												27	27		
60/ 61		2.2	3.9	3.4	1.5	.1												41	41		
58/ 59		3.9	7.6	2.8	1.6	.1												56	56		
56/ 57	.1	6.2	7.9	3.1	.6													74	74		
54/ 55	.1	4.9	5.1	1.6	.2													77	77		
52/ 53		3.9	4.3	.8	.2													71	71		
50/ 51	.1	2.4	3.6	.3														44	44		
48/ 49		1.5	1.5	.6														34	34		
46/ 47		1.4	.5	.1														19	19		
44/ 45		.9	.5															13	13		
42/ 43		.1																1	1		
40/ 41		.1	.1															2	2		
38/ 39																					
36/ 37																					
34/ 35																					
32/ 33																					
TOTAL	.1	27.7	41.9	20.9	7.5	1.1	.2											915	915		

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.	5845862	73200	79.7	9.527	930							
Dry Bulb	3164525	54 49	58.1	5.213	930			.0	.0			1
Wet Bulb	2773011	506 7	54.4	4.543	930			.1				1
Dew Point	2481772	47808	51.4	5.097	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF, UK STATION NAME | 71-80 YEARS | ANN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 80											•1							1	1		
[illegible] / 85										•1								1	1		
[illegible] / 83									•1	•1								2	2		
[illegible] / 81							•1	•2	•2		•1							6	6		
[illegible] / 79						•1	•1	•2	•1	•2	•1							12	12		
[illegible] / 77					•2	•3	•5	•4	•6	•3								23	23		
[illegible] / 75				•1	•1	•3	•2	•4	•1	•1								13	13		
[illegible] / 73				•3	•5	1•	•6	•3	•2									34	34		
[illegible] / 71				•1	1•3	1•2	1•1	•5										45	45		
[illegible] / 69			•4	•6	2•6	3•2	1•1	•4										78	78	9	
[illegible] / 67			•4	1•3	2•2	2•7	•3	•1										65	65	14	
[illegible] / 65		•1	1•4	4•6	3•6	3•4	1•3											139	139	36	1
[illegible] / 63		1•2	3•2	7•1	6•2	5•9	1•1											234	234	55	16
[illegible] / 61		•5	2•3	4•2	4•1	•9	•2											123	123	124	45
[illegible] / 59		1•2	3•1	4•1	1•4	•1												89	89	143	71
[illegible] / 57		•2	1•6	1•5	•2													42	42	164	86
[illegible] / 55		•8	•5	•5	•1													20	20	155	132
[illegible] / 53			•2	•2														5	5	142	111
[illegible] / 51																				46	152
[illegible] / 49																				11	61
[illegible] / 47																				3	19
[illegible] / 45																					68
[illegible] / 43																					33
[illegible] / 41																					10
[illegible] / 39																					4
TOTAL	4•4	14•4	28•4	23•0	19•6	6•7	3•[illegible]	1•4	•2	•1									930		930
																		930		930	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3949275	59499	64.[illegible]	2.393	930							
Dry Bulb	3981171	60637	65.2	5.838	930			28.3	9.2	2.0		93
Wet Bulb	3133563	53360	57.9	3.925	930			2.3				93
Dew Point	2559022	48570	52.2	8.912	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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-80 YEARS | AUG MONTH

PAGE [illegible] | 12 0-14 00 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 82												.1	.1					2	2		
[illegible] / 80												.4						4	4		
82 / 97											.3		.1					3	3		
84 / 85									.1	.4		.1						6	6		
80 / 83							.1			.3	.4	.4						13	13		
82 / 81						.1	.4	.1	.3	.2	.3	.3						23	23		
[illegible] / 79						.4	.3	.7	.4	1.0	.2							25	25		
76 / 77					.1	.2	.1	1.3	1.6	.3	.3							41	41		
74 / 75					.3	.5	1.7	1.7	.9	.5								57	57		
72 / 73					.6	1.4	3.2	1.6	.5									76	76		
70 / 71			.2		1.4	2.2	2.7	2.5										89	89	4	
68 / 69			.2	.5	1.6	3.2	4.2	1.2										109	109	14	
66 / 67			.2	.5	2.2	1.6	2.2	.1										69	69	25	
64 / 65		.4	1.1	1.9	3.2	3.7	4.1	.5										139	139	35	4
62 / 63		.1	2.3	2.0	4.1	5.7	1.2											149	149	95	23
60 / 61		.2	2.4	1.7	1.6	.8	.4											67	67	163	24
58 / 59		.5	1.2	1.1	.3	.2	.1											32	32	157	45
56 / 57		.5	.9	.2	.3	.1												19	19	163	85
54 / 55			.1															1	1	148	107
52 / 53			.2	.1														3	3	97	112
50 / 51			.3															3	3	27	114
48 / 49																				9	95
46 / 47																				3	126
44 / 45																					132
42 / 43																					39
40 / 41																					11
38 / 39																					
36 / 37																					
34 / 35																					
TOTAL		1.9	9.0	9.0	16.2	21.3	21.0	10.6	4.3	3.2	1.7	1.4	.2						931		93
																		930		93	

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.	3032067	51553	55.4	13.698	930							
Dry Bulb	4448576	64340	68.9	6.458	930			51.7	25.0	6.5		93
Wet Bulb	3254987	54887	59.0	4.104	930			4.3				93
Dew Point	2486976	47836	51.4	5.337	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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible] YEARS | AUG MONTH

PAGE 1 HOURS (L. S. T.) [illegible]

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] / 89											.7	.5						6	6		
88/ 87											.1		.2					3	3		
86/ 85										.2	.7	.1						4	4		
84/ 83							.1	.2	.6	.7	.1							15	15		
82/ 81						.1	.2	.7	1.1	.2	1.0	.3						32	32		
80/ 79						.2	.4	.4	.3	.8	.3	.1						25	25		
78/ 77						.4	.5	1.2	2.2	1.1	.1							51	51		
76/ 75					.8	.4	1.7	2.-	1.4	.1	.2							62	62		
74/ 73				.2	1.-	3.7	2.2	.9	.1									74	74		
72/ 71			.1	.4	1.2	2.6	3.4	3.1	.6									127	127	2	
70/ 69		.1	.4	.6	1.5	3.4	2.7	2.-	.1									122	122	9	
68/ 67			.8	.1	.2	2.2	2.7	.3										66	66	31	
66/ 65		.2	.8	1.2	1.9	1.8	3.9	.2										93	93	47	4
64/ 63		.2	1.6	4.5	3.2	6.-	1.7	.1										162	162	83	24
62/ 61		.4	2.4	1.-	1.9	1.2	.2											66	66	160	26
60/ 59		.6	1.6	1.2	.5	.1												36	36	148	27
58/ 57		1.2	.5	.4	.1													19	19	175	73
56/ 55		.1	.2		.2													5	5	172	109
54/ 53		.1	.1															2	2	108	114
52/ 51			.2															2	2	25	116
50/ 49																				0	86
48/ 47																				4	1-0
46/ 45																					145
44/ 43																					59
42/ 41																					26
40/ 39																					6
38/ 37																					2
36/ 35																					1
TOTAL	2.6	8.4	9.2	12.6	19.5	31.2	32.7	7.1	2.9	2.3	1.2	.2						930	930	934	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.	2955476	53694	58.5	8.382	930							
Dry Bulb	4880577	64257	69.1	6.630	930			58.5	27.0	7.2		93
Wet Bulb	3285952	54810	58.9	8.111	930			8.2				93
Dew Point	2855438	47528	51.1	5.387	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 31 | LAKENHEATH RAF UK | 73-82 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1300-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 95											.1							1	1		
[illegible] 93										.1								1	1		
[illegible] 91									.5	.1								6	6		
[illegible] 89								.1	.1	.1	.1							6	8		
88/ 87					.1	.3	.4	.5	.2	.2	.1							13	13		
86/ 85					.4	.3	.3	.6	.4									25	25		
84/ 83				.3	.6	.6	1.5	1.3	.3									45	45		
82/ 81				.3	.3	1.6	.6	.8	.3									41	41		
80/ 79		.1	.6	.4	1.4	3.7	1.6	.2										75	75	1	
78/ 77			.3	.2	1.8	2.4	.9	.2										60	60	14	
76/ 75		.3	1.7	1.9	4.1	2.5	2.2											118	118	43	3
74/ 73		.8	2.2	5.3	5.5	4.6	.8											177	177	49	19
72/ 71		.5	4.1	4.9	4.5	1.2												140	140	102	24
70/ 69		1.1	3.2	3.2	3.2	.6												104	104	125	48
68/ 67		1.1	2.7	2.6	.7	.2												63	63	183	63
66/ 65		.1	1.4	.8	.4													25	25	159	100
64/ 63		.1	.8	.4	.2													15	15	146	125
62/ 61			.8	.1														8	8	76	142
60/ 59																				22	105
58/ 57																				13	115
56/ 55																				1	125
54/ 53																					37
52/ 51																					28
50/ 49																					5
48/ 47																					1
TOTAL		4.1	17.7	21.0	23.4	18.1	9.9	4.1	1.0	.5	.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.	3912642	59124	63.6	12.970	930							
Dry Bulb	3912617	60077	64.6	5.842	930			28.2	10.9	1.3		93
Wet Bulb	3065001	53249	57.3	4.166	930			1.5				93
Dew Point	2883481	47927	51.4	5.071	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

03271 LAKENHEATH RAF UK 73-82 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 ~~21 Hours (L.S.T.)~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
76/ 75						.1	.1													~~2~~	~~2~~		
74/ 73					.1	.1														~~2~~	~~2~~		
72/ 71				.2	.2	.3														7	7		
70/ 69			.5	.1	.4	.2	.2													~~14~~	~~14~~		
68/ 67			1.0	.3	.1	.0	.1													22	22	1	
66/ 65		.3	1.1	2.4	.2	.4														~~46~~	~~46~~	~~11~~	
64/ 63		1.7	3.5	6.5	2.7	.5														139	139	76	13
62/ 61	.1	1.1	5.3	4.5	3.0	.1														~~135~~	~~135~~	~~55~~	~~17~~
60/ 59		2.1	8.3	6.5	2.3															174	174	73	42
58/ 57		3.2	6.2	4.9	.2															~~136~~	~~136~~	~~150~~	~~66~~
56/ 55		2.4	5.7	2.8	.1															102	102	153	86
54/ 53	.1	.8	3.5	2.5	.5															~~69~~	~~69~~	~~157~~	~~146~~
52/ 51		.4	4.4	.3	.4															52	52	132	134
50/ 49		.6	.6	.3																~~15~~	~~15~~	~~86~~	~~160~~
48/ 47		.5	.2																	7	7	45	113
46/ 45		.4	.4																	~~8~~	~~8~~	~~21~~	~~137~~
44/ 43																						6	43
42/ 41																						~~4~~	~~14~~
40/ 39																							6
38/ 37																							~~12~~
36/ 35																							3
TOTAL	.1	17.4	41.2	31.3	11.5	2.0	.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.	5291276	69618	74.9	0.260	930							
Dry Bulb	3269436	58958	59.1	8.835	930			8.7	.8			~~93~~
Wet Bulb	2795762	50826	54.7	8.807	930			.1				~~93~~
Dew Point	2480150	47806	51.0	5.047	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

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

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 91												.0	.0					2	2		
90 / 89											.0	.1						11	11		
88 / 87											.0		.0					6	6		
86 / 85									.0	.1	.0	.0						10	10		
84 / 83								.1	.0	.2	.1	.1						31	31		
82 / 81						.0	.1	.1	.3	.1	.2	.1						65	65		
80 / 79						.1	.1	.2	.2	.2	.1	.2						70	70		
78 / 77					.1	.2	.2	.4	.6	.3	.1							134	134		
76 / 75				.1	.3	.2	.6	.6	.3	.1	.2							161	161		
74 / 73				.1	.3	.6	1.2	.8	.2	.0								234	234		
72 / 71		.0	.0	.1	.6	1.2	1.3	.9	.1									295	295	6	
70 / 69		.0	.3	.4	1.0	1.8	1.2	.5	.0									391	391	34	1
68 / 67			.5	.5	1.0	1.2	.9	.2										319	319	85	
66 / 65		.3	1.2	1.9	1.8	1.5	1.4	.1										607	607	177	12
64 / 63	1.1	2.6	4.8	3.1	2.9	.6	.2											1124	1124	348	103
62 / 61	1.2	4.5	3.2	2.2	.5	.1												871	871	717	173
60 / 59	1.9	4.7	2.7	1.4	.2	.0												807	807	868	339
58 / 57	.0	3.3	3.9	2.4	.3	.0												741	741	1257	552
56 / 55	.1	2.3	3.7	1.1	.1													494	494	1196	876
54 / 53	.0	1.4	2.6	.7	.2													367	367	1042	1001
52 / 51	.1	1.2	2.3	.1	.1													287	287	699	1054
50 / 49	.0	1.0	1.0	.3														168	168	444	769
48 / 47	.1	1.3	.3	.1														132	132	292	837
46 / 45	.0	.7	.4	.1														87	87	135	1021
44 / 43		.1	.1															15	15	78	364
42 / 41		.1	.1															16	16	34	181
40 / 39		.0																3	3	22	68
38 / 37																				6	48
36 / 35																					29
34 / 33																					10
32 / 31																					4
TOTAL	.3	16.2	27.4	18.4	12.6	10.3	7.3	3.2	1.8	.9	.6	.3	.1						7440		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	≥ 72 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	37300878	514194	69.1	15.398	7440							
Dry Bulb	29123384	462008	62.1	7.635	7440			172.1	72.6	17.0		744
Wet Bulb	23493636	416367	56.0	5.056	7440			12.5				744
Dew Point	19624158	380086	51.1	5.272	7440		.8	.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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 69			.1															1	1		
68/ 67				.1		.1												2	2		
66/ 65			.7	.6														8	9	1	
64/ 63		.3	2.4	1.8	.7	.3												47	47		
62/ 61		1.4	3.1	1.9	.7	.1												52	62	11	1
60/ 59		1.9	5.2	1.1	.2													80	80	43	11
58/ 57		3.9	6.7	3.7	.6													101	121	74	29
56/ 55		4.3	6.2	2.7	.2													122	122	96	61
54/ 53		3.6	8.7	2.8	1.2													140	140	123	102
52/ 51		2.3	5.6	.2	.6													75	75	136	112
50/ 49		2.4	4.2		.2													62	62	122	97
48/ 47	.1	4.1	3.2	.2	.1													73	73	96	98
46/ 45	.1	4.2	2.0															55	55	75	139
44/ 43		1.4	1.9															30	30	61	77
42/ 41		.9	.4															12	12	27	69
40/ 39		.7																6	6	21	46
38/ 37		.6																5	5	7	28
36/ 35																				5	16
34/ 33																					8
32/ 31																					4
TOTAL	.2	31.6	49.7	14.4	4.6	.6												898	898		898
																		898		898	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5738502	71378	79.5	8.512	898							
Dry Bulb	2647898	48493	54.0	5.700	898			.3				90
Wet Bulb	2330965	45507	50.7	5.264	898							92
Dew Point	2072189	42829	47.7	5.736	898		.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]331 STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 65			.2	.6														7	7		
[illegible]/ 63			1.1	1.6														24	24	1	
[illegible]/ 61		.3	2.[illegible]	1.1	.7													37	37	5	1
[illegible]/ 59		3.[illegible]	2.9	.3	.3													63	63	19	2
[illegible]/ 57		4.3	5.[illegible]	1.1	.4													108	108	65	31
[illegible]/ 55	.1	[illegible].2	6.3	1.6	.7													125	125	69	52
[illegible]/ 53	.3	4.8	7.6	.9	.5													127	127	124	84
[illegible]/ 51	.1	3.6	6.[illegible]	.2	.4													93	93	128	103
[illegible]/ 49		3.4	3.[illegible]	.2	.1													63	63	108	70
[illegible]/ 47		4.8	2.8	.8	.1													76	76	112	107
[illegible]/ 45		6.9	[illegible].[illegible]	.[illegible]	.2													90	90	88	147
[illegible]/ 43	.1	2.9	1.1															37	37	66	82
[illegible]/ 41		2.6	.7															29	29	49	96
[illegible]/ 39		1.1	.1															11	11	31	48
[illegible]/ 37	.1	.8																8	8	15	29
[illegible]/ 35		.2																2	1	8	18
[illegible]/ 33																				3	22
[illegible]/ 31																					6
[illegible]/ 29																					2
TOTAL	.[illegible]	.3	44.3	42.[illegible]	8.9	4.[illegible]													900		963
																		970		970	

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.	6029683	73251	81.4	8.683	900							
Dry Bulb	2501033	67157	52.4	5.792	900							97
Wet Bulb	3231321	44547	49.5	5.418	900							90
Dew Point	2000755	42097	46.8	5.937	900		.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 [redacted] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87/ 67			.1	.1														2	2		
86/ 65			.2	.3		.1												6	6		
84/ 63		.4	2.1	2.6	.7	.1												55	55	3	
82/ 61		.6	4.2	1.6	.3	.2												66	66	13	4
80/ 59	.1	7.2	4.8	1.3	1.1	.1												96	96	31	12
78/ 57	.2	3.6	5.7	2.2	.3													108	108	95	44
76/ 55	.1	5.1	6.2	2.4	.4													129	129	87	61
74/ 53	.2	3.2	7.1	2.1	.3													116	116	117	84
72/ 51		2.9	6.6		.7													98	98	130	110
70/ 49		1.8	3.5	.2	.3													47	47	134	79
68/ 47	.2	4.2	2.4	.6	.1													72	72	96	102
66/ 45	.1	4.7	1.6	.1	.1													59	59	83	154
64/ 43		2.2	.3															23	23	50	90
62/ 41		1.7	.1															16	16	33	74
60/ 39		1.4																13	13	13	35
58/ 37		.3																3	3	14	22
56/ 35		.1																1	1	3	19
54/ 33																				1	6
52/ 31																					3
50/ 29																					1
TOTAL	1.1	33.6	44.5	13.3	5.1	.6												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.	5813850	71838	79.9	9.153	899							
Dry Bulb	2685355	48489	53.9	5.777	899			.2				.2
Wet Bulb	2335357	45572	50.7	5.299	899							
Dew Point	2080077	42931	47.8	5.778	899		.6					.6

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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 72-80 YEARS | SEP MONTH

PAGE 1 | 1900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]					.2	.2	.2	.2										8	9		
[illegible]					.2	.1	.4		.1									8	8		
[illegible]					.2	.8	.6	.1	.1									17	17		
[illegible]				.1	1.1	1.4	.3	.4										31	31		
[illegible]				.2	1.9	1.2	.9	.1										39	39	3	
[illegible]			1.4	2.7	2.3	1.3	.2	.1										53	53	7	
[illegible]		.2	2.9	7.3	5.8	4.2	.9											101	101	13	1
[illegible]	.1	1.1	2.2	4.8	3.2	1.2	.1											118	118	65	8
[illegible]	.1	.7	3.7	4.6	4.6	1.2												131	131	110	34
[illegible]		2.1	2.2	5.3	1.6	.4												104	104	104	65
[illegible]		1.3	1.8	3.2	.2	.2												62	62	146	79
[illegible]		.6	3.2	1.4	.2													49	49	130	88
[illegible]		.1	1.5	.2														26	26	108	141
[illegible]		1.3	.7															19	19	96	87
[illegible]		.7	.3															9	9	77	113
[illegible]		.4	.1															5	5	17	155
[illegible]		.1																1	1	5	77
[illegible]																					43
[illegible]																					13
[illegible]																					3
[illegible]																					1
TOTAL	.2	9.0	[illegible]	30.3	22.2	11.9	4.2	[illegible]	.2										[illegible]		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.	4297717	51263	68.3	11.911	900							
Dry Bulb	3357273	54747	62.8	5.482	900			10.3	1.6			90
Wet Bulb	2726168	49382	54.9	4.301	900			.2				90
Dew Point	2258081	44853	49.8	5.031	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

[illegible] STATION LAKENHEATH RAF UK STATION NAME [illegible]-83 YEARS SEP MONTH

PAGE 1 [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81									.2									3	3		
[illegible] / 79								.2	.2									4	4		
[illegible] / 77							.3	.7	.4									13	13		
[illegible] / 75					.2	.4	1.1	.7	.4	.4								31	31		
[illegible] / 73				.2	.1	1.2	1.9	.2	.2	.2								42	42		
[illegible] / 71				.1	.2	.4	2.2	.2	.8									43	43		
[illegible] / 69				.3	.9	4.4	1.2	1.1	.2									74	74		
[illegible] / 67			.1	.3	3.2	2.3	2.3	.4										88	88	6	
[illegible] / 65		.2	2.1	2.2	4.2	3.2	.6											113	113	14	
[illegible] / 63	.4	1.4	3.9	3.3	7.9	3.3												143	143	48	5
[illegible] / 61	.4	1.1	2.1	4.3	3.3	.5												109	109	93	8
[illegible] / 59	.6	1.3	2.6	2.3	2.1	.2												82	82	119	32
[illegible] / 57	.4	1.7	1.7	1.2	1.3													57	57	130	52
[illegible] / 55	.3	.8	1.4	1.[illegible]	.1													37	37	143	84
[illegible] / 53	.2	1.2	.2	.3	.1													19	19	166	87
[illegible] / 51	.6	.2	.1															8	8	93	115
[illegible] / 49	.2																	1	1	59	86
[illegible] / 47	.1																	1	1	25	1.3
[illegible] / 45																				5	149
[illegible] / 43																				1	71
[illegible] / 41																					61
[illegible] / 39																					39
[illegible] / 37																					1
[illegible] / 35																					4
34 / 33																					2
TOTAL	3.7	8.3	15.8	19.9	27.9	16.5	4.8	2.7	.8									899	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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	7224335	52623	58.5	12.665	899							
Dry Bulb	3774881	58025	68.5	9.753	899			28.9	9.2	.3		9[illegible]
Wet Bulb	2448578	50454	56.1	9.388	899			.6				9[illegible]
Dew Point	2196030	48142	49.1	5.688	899							8[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-80 YEARS | SEP MONTH

PAGE 1 | [illegible]-17 C HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 85											.1							1	1		
84 / 83										.1								1	1		
[illegible] / 81								.1	.3									5	5		
/ 79							.1		.2		.1							4	4		
78 / 77								.5	.3	.2								13	13		
76 / 75					.2	.6	.6	.4	.3	.2	.1							22	22		
74 / 73				.4		.9	1.9	.4	.3	.1								39	39		
72 / 71					1.1	1.3	2.6	.7	.6									54	54		
70 / 69			.1	.3	1.4	3.2	2.3	1.2		.1								82	82		
68 / 67			.2	.6	1.7	1.8	1.7	.6	.1									99	99	13	
66 / 65		.1	.2	1.6	1.9	2.7	3.2	.4										96	96	15	
64 / 63		.4	.9	4.4	3.6	7.4	3.1	.1										104	104	42	2
62 / 61		.3	1.1	2.2	4.8	2.8	1.2											19	19	111	8
60 / 59		.8	1.9	3.2	3.1	1.2	.4											97	97	93	33
58 / 57		.7	.7	2.4	2.0	1.2												64	64	172	42
56 / 55		.3	.9	1.5	.7													33	33	152	78
54 / 53		.1	1.6	.3	.4													22	22	149	62
52 / 51		.2	.2	.6														11	11	111	103
50 / 49			.2	.1														4	4	67	77
48 / 47		.1	.2															3	3	36	17
46 / 45																				11	159
44 / 43																				2	87
42 / 41																					62
40 / 39																					24
38 / 37																					17
36 / 35																					5
TOTAL	7.2	8.9	17.7	21.2	23.7	16.9	5.2	2.6	.8	.3								900	[illegible]	[illegible]	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.	3227027	52695	58.5	12.611	900							
Dry Bulb	3752432	57856	69.3	6.776	900			28.2	2.5	.2		[illegible]
Wet Bulb	2830755	50307	55.9	4.568	900			1.0				[illegible]
Dew Point	2177753	43967	48.9	5.768	900							900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31								
[illegible] / 79								•										1	1						
76/ 75						•		•										2	2						
74/ 73						•	•		•									6	6						
72/ 71					•	•			•									6	6						
[illegible] / 69					•	•	1.2	•	4									27	27						
68/ 67					•	1.4	•	4	•	•	•	•						28	28						
66/ 65			•	2	•	6	2.7	•	9	•	7							63	63	5					
64/ 63		•	1.	•	9	1.7	6.1	2.7	2.4	•	2							127	127	14	6				
62/ 61			•	8	3.3	3.4	5.0	1.	•	2								126	126	29	1				
[illegible] / 59			•	3	4.7	5.4	3.3	1.2										133	133	67	6				
[illegible] / 57			2.1	3.7	5.0	2.2	•	1										117	117	115	28				
56/ 55		•	1	1.4	2.7	5.2	•	6										53	53	124	6				
54/ 53			•	8	2.9	3.3	•	2										67	67	147	95				
52/ 51		•	1.	•	8	3.6	•	2										46	46	119	114				
[illegible] / 49				•	3	1.2	•	3										11	11	126	79				
46/ 47				1.1	1.4	•	4											27	27	66	1.6				
44/ 45					1.1													15	13	24	149				
42/ 43					•	2												2	2	18	1.1				
40/ 41					•	1												1	1	6	61				
38/ 39																				1	25				
36/ 37																					4				
[illegible] / 35																					2				
TOTAL	•	3	9.9	27.6	33.7	19.8	7.4	2.1	•	7	•	7						960		503					

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.	4473159	62655	69.6	11.128	900							
Dry Bulb	3174381	53247	59.1	5.668	900			6.7	.9	.1		60
Wet Bulb	2608989	48275	53.6	8.666	900			.1				90
Dew Point	2175767	43987	48.9	5.370	900							93

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION _____ LAKENHEATH RAF UK STATION NAME _____ 73-82 YEARS _____ MONTH _____

HOURS _____ S _____

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
/ 69			.1																		
/ 67			.1			.1	.2														
66/ 65			.1	.4	.4																
64/ 63	.1	.3	2.7	4.6	1.1	.7															
/ 61	.1	1.1	4.1	2.7	1.1	.2	.1														
/ 59		.4	5.7	2.3	1.0	.1															
58/ 57		3.4	4.7	5.2	.9	.2															
/ 55		4.4	5.6	4.3	1.0																
/ 53		2.6	4.7	2.9	.3																
/ 51	.1	1.7	6.0	.3	.2																
/ 49		1.4	3.7	.1																	
/ 47		.9	3.3	.1																	
/ 45		.3	2.0																		
44/ 43		.7	.2																		
42/ 41		.7	.5															1			
/ 39		.2																			
38/ 37																					
/ 35																					
34/ 33																					
TOTAL	.2	24.1	43.7	23.9	6.4	1.7	.2											1			

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.	5399638	69198	76.9	9.388	900							
Dry Bulb	2797116	49936	55.5	5.424	900			.6				
Wet Bulb	2426518	46462	51.6	4.954	900							
Dew Point	2118614	43387	48.2	5.751	900							

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

(LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION NAME [illegible] YEARS SEP MONTH

PAGE 1 HOURS (L.S.T.) 441

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
≥/ 99											•							1	1		
94/ 98										•								1	1		
90/ 93									•	•1								8	8		
86/ 89								•2	•2	•1								25	25		
82/ 85						•1	•2	•2	•1	•1	•1							62	62		
78/ 81					•1	•	•3	•5	•3	•2	•1							95	95		
74/ 77				•2	•4	•7	•7	•5	•2									132	132		
70/ 73			•1	•1	•5	1.3	•5	•3	•2	•2								217	217		
66/ 69			•1	•3	1.1	•6	•4	•2	•2									211	211	19	
62/ 65		•2	•5	1.3	1.7	1.2	1.	•1										375	375	44	
58/ 61	•2	•3	1.9	4.1	2.1	2.9	•2											801	801	123	24
54/ 57	•2	•3	2.7	2.4	2.5	1.1	•3											711	711	337	79
50/ 53	•2	1.3	3.7	2.7	2.1	•7	•1											724	724	551	159
46/ 49	•2	2.6	3.7	2.3	1.2	•4												804	804	860	343
42/ 45	•2	2.9	3.8	2.6	•7	•2												743	743	928	563
38/ 41	•2	2.5	4.5	1.7	•4	•												643	643	1071	736
34/ 37	•2	1.6	3.7	•3	•2													424	424	996	816
30/ 33		1.4	2.1	•1	•1													243	243	838	630
26/ 29	•2	2.3	1.7	•3	•2													315	315	559	833
22/ 25	•	2.3	1.1	•1	•													255	255	391	1211
18/ 21	•2	•9	•5															106	106	237	667
14/ 17		•7	•2															69	69	128	529
10/ 13		•4	•1															32	32	78	275
6/ 9	•	•2																16	16	41	146
2/ 5		•2																3	3	16	81
-2/ 1																				3	47
-6/ -3																					15
-10/ -7																					3
TOTAL	.42	2.13	7.51	9.61	12.9	9.2	5.0	1.4	•7	•2	•2							7196		7196	
																		7196		7196	

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.	382035[illegible]1	514x87	71.6	3.761	7196							
Dry Bulb	24649919	4179[illegible]7	58.1	7.267	7196			75.2	20.2	1.1		720
Wet Bulb	20332644	3835[illegible]6	52.9	5.434	7196			1.9				720
Dew Point	17079266	3481[illegible]6	48.4	5.677	7196		1.8					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF [illegible] 72-80 OCT
STATION STATION NAME YEARS MONTH

PAGE [illegible] [illegible] - [illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 03			.3	.3														4	12		
[illegible] / 51			.4	.5	1.2													21	21	1	
[illegible] / 59			.3	1.5														21	21	7	4
[illegible] / 57		.3	2.5	1.2	.5													47	47	25	12
[illegible] / 55			.4	.5	.5													60	69	43	17
[illegible] / 57		.2	4.0	5.7	.4													132	132	56	30
[illegible] / 51		.3	5.2	4.3	.4	.1												100	101	69	37
[illegible] / 45		.3	5.5	3.7	.2													92	92	108	74
46 / 47		.3	5.2	3.2	.3													98	88	89	91
[illegible] / 45		.4	9.5	5.7	.1													149	140	97	19
[illegible] / 43		.3	5.5	7.5	.1													87	87	103	9
[illegible] / 41			4.1	2.2	.1													57	57	94	1
[illegible] / 39		.2	2.7	1.2														37	37	66	9
[illegible] / 37		.2	1.7	.8														25	25	43	77
[illegible] / 35			1.8	.8														24	24	25	56
[illegible] / 33		.1	.6	.2														10	17	27	35
[illegible] / 31			.4															5	4	11	23
[illegible] / 29			.1	.1														2	2	5	7
[illegible] / 27																				2	13
[illegible] / 25																					3
[illegible] / 23																					2
[illegible] / 21																					1
TOTAL		2.0	55.1	37.5	4.4	.1												977	977	977	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.	6423769	76363	82.8	7.668	930							
Dry Bulb	2203966	44884	48.3	6.375	930		.6					93
Wet Bulb	1990008	42628	45.8	6.233	930		1.7					93
Dew Point	1782838	40210	43.2	6.903	930		6.2					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

[redacted] STATION | LAKENHEATH RAF UK STATION NAME | [redacted] YEARS | OCT MONTH

PAGE [redacted] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] / 61		.5	1.3	.1														12	12		
[redacted] / 59		.4	1.1	.2														[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 57		.3	1.5	.6														44	44	14	1
[redacted] / 55		3.3	2.9	.3														[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 53		3.8	4.4	.2	.1													79	79	[redacted]	4
[redacted] / 51	.5	6.6	2.8	.2														[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 49	.4	4.2	3.1	.6														79	79	112	74
[redacted] / 47	.5	5.5	2.5	.4														[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 45	.4	9.	7.1	.3														197	197	76	12
[redacted] / 43		5.1	2.5															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 41		7.8	[redacted]															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 39	.3	2.7	1.3															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 37	.1	3.2	1.3															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 35		1.9	1.[redacted]															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 33	.1	1.3	.4															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 31		.2	.2															[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 29		.1																[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 27		.1																[redacted]	[redacted]	[redacted]	[redacted]
[redacted] / 25																					4
[redacted] / 23																					[redacted]
[redacted] / 21																					1
TOTAL	.1	58.4	35.4	3.1	.1													[redacted]	933	[redacted]	[redacted]
																		970		973	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6488031	77337	83.2	7.541	[redacted]							
Dry Bulb	2123978	43986	47.3	6.609	930		.8					[redacted]
Wet Bulb	1918302	41848	45.1	6.465	930		2.6					[redacted]
Dew Point	1720518	39446	42.8	7.148	930		8.4					[redacted]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF (P) STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 | 0600-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			•	•2															4	4		
[illegible]		•[illegible]	1.2	•2															[illegible]	[illegible]		
[illegible] 59		•[illegible]	1.1																17	17	6	
[illegible] 57		[illegible]	1.2	1.2															49	43	24	9
[illegible] 55		1.2	3.3	•7															64	64	31	12
[illegible] 53	•2	3.[illegible]	4.3	•5															87	87	54	43
[illegible] 51	•4	5.6	2.4	•2															89	89	106	55
[illegible] 49	•4	5.7	4.2	•4															105	105	107	79
[illegible] 47	•1	3.9	3.8	•3															75	75	96	1 6
[illegible] 45	•[illegible]	8.[illegible]	7.2	•3															146	146	68	1.1
[illegible] 43	•2	5.2	2.2	•1															78	78	107	75
[illegible] 41		5.5	3.3																79	79	100	[illegible]
[illegible] 39	•3	3.4	1.1																45	45	59	85
[illegible] 37	•2	1.7	1.6																33	33	[illegible]	9[illegible]
[illegible] 35		2.4	1.[illegible]																31	31	26	43
[illegible] 33		•2	•4																12	12	42	36
[illegible] 31		•8	•3																7	7	13	[illegible]
[illegible] 29		•1																	1	1	4	26
[illegible] 27																					1	23
[illegible] 25																						3
[illegible] 23																						4
TOTAL	[illegible]	2.253.4	[illegible].5	3.9																937		933
																			937		933	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6427705	76997	82.8	7.548	[illegible]							
Dry Bulb	2158614	44382	47.7	6.610	930		.8					93
Wet Bulb	1947756	42141	45.3	6.422	930		1.7					93
Dew Point	1743181	39727	42.7	7.[illegible]49	930		8.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72831 LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0000-1100 HOURS (L, S, T, or G)

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
104/ 72							.1											1	1		
102/ 71						.1												1	1		
100/ 69					.1	.1												2	2		
98/ 67					.2	.1												3	3		
96/ 65			.1	.2	.2													5	5		
94/ 63	.2	.8	2.9	.9	.3													47	47		
92/ 61		2.9	2.5	.8	.1													59	59	10	1
90/ 59	.9	3.3	1.3	.4														63	60	16	3
88/ 57	1.4	4.3	3.2	1.2	.3													93	93	64	14
86/ 55	2.6	2.7	3.3	.5	.1													86	86	70	41
84/ 53	2.4	5.2	2.4	2.4														114	114	90	64
82/ 51	.3 3.7	6.8	2.8	.8														123	123	105	91
80/ 49	.2 2.5	4.3	2.7	.1														91	91	127	73
78/ 47	.2 3.5	4.3	2.2	.1														93	93	136	77
76/ 45	2.5	4.2	.9	.1														71	71	125	152
74/ 43	.1 1.4	1.1	.6															30	30	76	89
72/ 41	.1 1.3	.6	.1															20	23	60	105
70/ 39	1.3	.2																14	14	27	79
68/ 37	.1 .1	.2																4	4	22	63
66/ 35	.2	.1																3	3	3	43
64/ 33		.1																1	1	5	7
62/ 31																				1	17
60/ 29																					7
58/ 27																					4
TOTAL	1.1 23.9	40.9	25.4	7.5	1.2	.1													931		930
																		930		930	

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.	5482117	73457	75.8	10.695	930							
Dry Bulb	7629377	49131	52.8	6.035	930			.7	.1			93
Wet Bulb	7258198	45540	49.0	5.510	930		.1					93
Dew Point	193A087	42001	45.2	6.330	930		2.8					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

[illegible] STATION — LAKENHEATH RAF UK STATION NAME — 73-80 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 75							.1											1	1		
[illegible] / 73							.5											5	5		
[illegible] / 69					.6	.3	.2											11	11		
[illegible] / 67					.4	.4	.1											9	9		
[illegible] / 65			.5	1.2	.8	.4	.2											29	29		
[illegible] / 63		.3	.1	5.1	2.5	2.4	.1											97	97		
[illegible] / 61		.2	1.1	2.2	3.2	.4												69	69	1	3
[illegible] / 59		.6	2.2	1.6	2.6	1.2	.6											85	85	40	7
[illegible] / 57		.5	3.1	3.2	3.4	1.2												103	103	75	21
[illegible] / 55		.5	3.1	5.4	2.3	1.1												172	132	72	39
[illegible] / 53		1.3	4.5	2.8	4.2	.1												126	126	119	77
[illegible] / 51	.1	1.2	3.9	4.7	1.6	.2												114	114	103	97
[illegible] / 49		.9	2.8	2.	.2	.2												59	59	169	52
[illegible] / 47	.1	1.6	1.1	1.8	1.													54	54	117	85
[illegible] / 45		.3	.6	.4	.4	.1												21	24	134	149
[illegible] / 43		.2	.2															4	4	43	98
[illegible] / 41		.5	.3															8	8	24	118
[illegible] / 39																				14	63
[illegible] / 37																				4	64
[illegible] / 35																					37
[illegible] / 33																					27
[illegible] / 31																					10
[illegible] / 29																					6
[illegible] / 27																					3
[illegible] / 23																					1
TOTAL	.2	11.7	24.2	30.4	23.9	7.6	1.9												930		930
																		930		931	

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.	9451435	63357	68.1	12.063	930							
Dry Bulb	2944617	52061	56.0	5.707	930			2.6	.6			93
Wet Bulb	2398165	46991	51.5	5.062	930							93
Dew Point	1940339	42069	45.2	6.339	930		2.2					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

03931 LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.2											2	2		
72/ 71							.2											2	2		
70/ 69						.2												2	2		
68/ 67					.2	.2												8	8		
66/ 65			.2	.6	1.1	.2												20	20		
64/ 63		.2	.5	3.8	1.7	1.4	.2											73	73	1	
62/ 61		.4	1.7	1.9	2.3	.9												65	65	17	2
60/ 59		.2	2.9	2.7	1.3	.6	.2											71	71	30	8
58/ 57		.9	3.3	2.6	1.6	1.3												87	87	69	6
56/ 55		1.8	3.4	4.9	1.4	.2												110	110	66	30
54/ 53	.1	1.9	6.6	4.5	3.4	.1	.1											156	156	102	67
52/ 51	.1	2.3	4.6	3.7	1.8													116	116	102	92
50/ 49		1.4	2.9	2.9	.5													72	72	109	61
48/ 47	.3	1.5	3.2	2.6	1.3	.1												81	81	117	103
46/ 45		1.1	2.6	1.3	.7	.1												46	46	128	139
44/ 43		.4	.5	.3	.1													13	13	71	94
42/ 41		.1	.1	.1														3	3	81	108
40/ 39		.3																3	3	13	71
38/ 37																				5	77
36/ 35																				1	33
34/ 33																					13
32/ 31																					3
30/ 29																					3
28/ 27																					3
26/ 25																					3
24/ 23																					1
TOTAL	.1	12.6	32.7	31.6	16.5	5.2	1.0											930	931	930	97

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.	4751265	65585	73.6	11.651	930							
Dry Bulb	2811039	53863	58.7	5.613	930			1.4	.2			93
Wet Bulb	2329075	46299	49.8	5.197	930							93
Dew Point	1917121	41311	45.0	6.343	930		2.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible]-92 YEARS | OCT MONTH

[illegible] CASE | [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]/ 62				.5	1.3	.2												17	17		
[illegible]/ [illegible]			.1	1.6	1.1	.2												29	29		
[illegible]/ 59			.9	3.9	.4	[illegible]												42	42	10	3
[illegible]/ 57		.7	1.3	5.7	1.8	.3												56	86	37	12
[illegible]/ 55		.2	2.3	3.2	2.5	.2												78	78	48	22
[illegible]/ 53			2.9	5.4	1.4	.2												93	93	89	43
[illegible]/ 51		.6	5.3	6.3	1.3	.2												125	125	91	98
[illegible]/ 49		.3	2.7	5.3	1.6													92	92	141	61
[illegible]/ 47		.3	3.9	5.1	1.9													104	104	119	91
[illegible]/ 45			5.4	6.7	1.4													125	125	104	153
[illegible]/ 43			2.6	4.3	.9													71	71	101	79
[illegible]/ 41			1.2	2.5	.1													35	35	73	112
[illegible]/ 39			[illegible]	.5	.2													26	26	64	75
[illegible]/ 37			.5	.1														6	6	38	69
[illegible]/ 35			.1	.1														2	2	12	45
[illegible]/ 33				.1														1	1	3	46
[illegible]/ 31																				3	15
[illegible]/ 29																					2
[illegible]/ 27																					6
[illegible]/ 25																					4
TOTAL	1.9	31.1	51.[illegible]	15.6	1.7													930	931	930	93[illegible]

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.	5854283	73311	78.8	9.200	930							
Dry Bulb	2410105	47[illegible]41	50.6	5.748	930							93
Wet Bulb	2118427	44081	47.4	5.591	930		.2					93
Dew Point	1851579	41061	44.2	6.452	930		2.7					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF, UK 73-80 OCT
STATION STATION NAME YEARS MONTH

PAGE [illegible] 21-3=2750
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 63			.9	.5														9	9		
[illegible]/ 61			1.2															11	11		
[illegible]/ 59		1.2	2.4	.4														37	37	8	3
[illegible]/ 57		1.9	3.4	.5														55	55	23	7
[illegible]/ 55	.1	2.9	4.[illegible]	1.3														77	77	41	19
[illegible]/ 53	.1	3.4	3.9	1.[illegible]														78	78	71	42
[illegible]/ 51	.4	5.6	5.7	.2														111	111	103	71
[illegible]/ 49	.3	3.1	4.1	.9														76	78	101	73
[illegible]/ 47	.4	5.1	4.1	.9														97	97	108	87
[illegible]/ 45	.3	7.6	7.6	.6														151	151	108	139
[illegible]/ 43		5.4	4.[illegible]	.5														95	95	107	82
[illegible]/ 41		2.9	2.5															50	53	97	1,6
[illegible]/ 39	.1	2.8	1.7															43	43	56	96
38/ 37		1.5	.5															10	10	53	53
[illegible]/ 35		.6	.4															10	13	30	56
34/ 33		.6																6	6	16	42
[illegible]/ 31			.2															2	2	5	28
[illegible]/ 29			.1															1	1	2	15
[illegible]/ 27																				1	11
[illegible]/ 25																					1
[illegible]/ 23																					[illegible]
[illegible]/ 21																					1
TOTAL	1.9	44.7	46.6	6.9														930	937	930	937

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.	6234792	75798	81.5	7.878	930							
Dry Bulb	2252789	85417	48.8	6.123	930		.3					93
Wet Bulb	2015536	42934	46.2	6.002	930		.8					93
Dew Point	1782801	80345	43.8	6.737	930		6.8					63

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH R&F UK STATION NAME | 73-80 YEARS | OCT MONTH

PAGE [illegible] | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 75							•											1	1		
74 / 73							•											6	9		
[illegible] / 71						•	•											3	7		
[illegible] / 69					•	•	•											15	15		
[illegible] / 67					•	•	•											20	21		
[illegible] / 65				•	•	•	•											54	54		
64 / 63		•	•	•	•	•	•											221	221	2	
62 / 61		•	•	•	•	•												291	291	44	6
[illegible] / 59		•	•	•	•	•	•											349	349	127	[illegible]
[illegible] / 57	•	1.6	3.1	1.7	•	•												503	503	331	6[illegible]
[illegible] / 55	•	[illegible]	3.1	2.4	•	•												668	668	474	18[illegible]
54 / 53	•	[illegible]	[illegible]	1.7	1.[illegible]	•	•											827	827	674	422
[illegible] / 51	•	4.6	4.6	1.7	•	•												883	883	874	6[illegible]
[illegible] / 49	•	3.2	3.9	1.4	•	•												663	663	1071	547
48 / 47	•	3.9	3.3	1.3	•	•												675	675	876	743
46 / 45	•	5.5	5.2	•	•	•												669	669	661	1057
44 / 43	•	3.2	2.4	•	•													448	449	754	852
[illegible] / 41	•	2.9	1.6	•														344	349	569	868
[illegible] / 39	•	[illegible]	•	•														208	208	379	649
36 / 37	•	1.1	•															121	121	274	584
34 / 35		•	•															97	97	179	364
32 / 33	•	•	•															48	48	179	243
30 / 31		•	•															17	17	86	167
[illegible] / 29		•	•															7	7	16	[illegible]8
28 / 27		•																1	1	9	92
26 / 25																					20
24 / 23																					18
22 / 21																					1
TOTAL	1.7	36.4	38.5	15.2	6.7	1.7	•											[illegible]	[illegible]		[illegible]
																		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.	96369397	579801	77.9	10.959	7440							
Dry Bulb	10531471	377765	50.8	6.964	7440		2.5	9.7	.9			744
Wet Bulb	16975467	352921	47.4	6.155	7440		7.1					744
Dew Point	14682030	326670	43.9	6.749	7440		39.8					744

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FLOSAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725321 STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | ANN MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 68/ 67				.1	.0													3	3		
62/ 61			.1	.3														4	4		
56/ 55			.2	.7	.1													9	9		
50/ 49			.8	.9	.2													17	17	7	4
44/ 43			.7	2.1	1.0													34	34	15	6
38/ 37			2.5	3.2	1.2													59	59	29	14
32/ 31			2.3	3.5	.5													65	65	49	27
26/ 25			3.3	3.0	.8													71	71	63	45
20/ 19			4.4	2.5	1.0													72	72	83	67
14/ 13		.1	5.2	5.4	.9													101	101	96	89
08/ 07			3.8	1.8	.8													57	57	98	87
02/ 01		.1	5.2	3.3	.5													64	64	91	76
-04/ -05		.3	5.6	7.0	.2													95	95	94	74
-10/ -11		1.2	3.7	1.3														63	63	96	76
-16/ -17	1.1	5.3	.9															71	71	95	95
-24/ -23	.5	2.8	1.1															39	39	71	73
-30/ -31	.3	2.1	.3															26	25	59	64
-36/ -37	.2	2.2	.1															23	23	36	82
-42/ -43	.2	1.1	.2															14	14	16	49
-46/ -47		.2																2	2	6	24
-52/ -53	.2	.2																4	4	3	14
-58/ -59	.1																	1	1	3	7
-64/ -65																					1
-70/ -71																					2
TOTAL	5.2	51.8	35.7	7.1	.2														888		888
																		888		888	

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.	5990769	72493	81.6	9.154	888							
Dry Bulb	1738776	38692	43.6	7.722	888		7.0					90
Wet Bulb	1551700	36568	41.2	7.213	888		10.3					90
Dew Point	1389128	33930	38.2	7.706	888		22.0					90

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH

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
/ 63				•	•													3	3		
/ 59		•	•	•														13	13		
/ 57		•	•	•														15	15	2	1
/ 55	•1	1•5	1•5	•6														24	24	10	3
/ 53		1•1	3•7	•3	•													32	32	33	20
/ 51		1•7	4•3	•2	•													56	56	39	21
/ 49		2•1	3•5	•3														43	43	58	2
/ 47		4•1	3•5	•3														73	73	75	47
/ 45	•	5•1	3•5	•7														94	94	93	94
/ 43		5•1	2•3	1•0														85	85	84	81
/ 41		6•4	2•3	•3														85	85	85	85
/ 39	•7	6•8	2•3	•1														97	97	96	94
39/ 37	1•9	7•0	2•1															73	77	104	68
/ 35	•3	6•5	•8															66	68	76	87
35/ 33	•2	3•0	1•3															30	34	24	7
33/ 31	•6	2•0	•2															29	29	21	8
/ 29	•3	2•4	•3															26	24	24	53
29/ 27	•3	1•2	•1															19	19	20	67
/ 25	•1	•3																4	4	11	87
/ 23		•3																3	3	3	10
23/ 21	••																	1	1	4	7
/ 19	••																	1	1	1	3
/ 17		•1																1	1	1	4
/ 15																					6
/ 13																					1
TOTAL	•455	133	4	5•6	•5														559		866
																		898		888	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	6739[illegible]4	73[illegible]06	82•2	8•997	888							
Dry Bulb	1689444	38[illegible]2	42•7	7•888	888		8•5					9[illegible]
Wet Bulb	1512993	36771	40•6	7•739	888		12•[illegible]					9[illegible]
Dew Point	1319567	33515	37•7	7•849	888		29•3					9[illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.1														[illegible]	[illegible]		
[illegible]			.1	.2														[illegible]	[illegible]		
[illegible]			.5	.3														[illegible]	[illegible]		
[illegible]		.6	1.4	.1														[illegible]	[illegible]		
[illegible]		1.1	1.1	.6														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.8	3.3	.8														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		3.2	4.5	.1	.1													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		2.3	2.0	.5														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		3.3	1.7	.0														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	3.1	4.5	.4														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	6.1	3.2	.6														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	6.0	3.7	.8														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		7.2	1.5	.1														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.3	4.2	2.5															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.5	6.2	1.															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.3	2.6	.6															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	2.6	.8															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	1.2	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		1.5	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.6																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	.5																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	4.7	56.1	33.2	6.1	.1													888	888		888

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6.62756	72938	82.1	8.672	888							
Dry Bulb	1692611	78157	43.7	7.756	888		7.7					
Wet Bulb	1519534	36114	40.7	7.276	888		10.3					
Dew Point	1322238	33552	37.8	7.580	888		22.3					

USAFETAC FORM AWS No. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(AIR WEATHER SERVICE (MAC)

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: LAKENHEATH RAF UK YEARS: [illegible] MONTH: [illegible]

NO. OBS. [illegible]

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]				•																	
[illegible]			•	•																	
[illegible] 59		•3	1•5	•3																	
[illegible] 57		1•1	2•4	•5																	
[illegible] 53		•7	[illegible]	1•0																	
[illegible] 51	•1	1•6	3•5	1•5	•7																
[illegible] 51		[illegible]	4•[illegible]	•5	•6																
[illegible] 49		1•[illegible]	1•[illegible]	1•1																	
[illegible] 47		[illegible]	4•5	1•[illegible]																	
[illegible] 45	•6	7•1	[illegible]	1•6	•7																
[illegible] 43		[illegible]	5•[illegible]	•[illegible]																	
[illegible] 41		5•[illegible]	[illegible]	•9																	
[illegible] 39	•	4•3	1•7	•[illegible]																	
[illegible] 37	1•5	2•1	1•4																		
[illegible] 35	•[illegible]	[illegible]	1•[illegible]	•[illegible]																	
[illegible] 33	•[illegible]	1•2	•[illegible]	•[illegible]																	
[illegible] 31	•[illegible]	1•[illegible]	•[illegible]																		
[illegible] 29		•[illegible]	•[illegible]																		
[illegible] 27		•[illegible]																			
[illegible] 25		•[illegible]																			
[illegible] 23		•[illegible]																			
[illegible] 21	•[illegible]																				
[illegible] 19	•[illegible]																				
[illegible] 17																					
[illegible] 15																					
TOTAL	[illegible]•70	•[illegible]47	[illegible]•12•6	•7														[illegible]•8	[illegible]•9		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]716236	715527	79•6	9•775	888							
Dry Bulb	1898456	[illegible]15527	45•7	7•247	888		[illegible]•2					
Wet Bulb	1622276	39064	42•9	6•771	888		[illegible]•6					
Dew Point	1438184	35124	39•6	7•424	888		19•2					9[illegible]

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

[illegible] STATION LAKENHEATH RAF UK STATION NAME [illegible]-EC YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					
[illegible]			1.3	1.6	.1																
[illegible]	.1	1.7	1.7	.2																	
[illegible]	1.5	1.9	2.8	.2																	
[illegible]	.6	2.2	3.5	.7	.2																
[illegible]	1.3	3.3	2.9	.7	.1																
[illegible]	1.9	3.1	1.6	1.1																	
[illegible]	1.7	4.3	2.9	.3																	
[illegible]	.1	3.2	3.8	4.7	.5																
[illegible]	.1	3.5	3.2	1.8	1.9																
[illegible]	.2	3.6	2.8	2.4	.2																
[illegible]		3.9	2.[illegible]	1.2																	
[illegible]	.1	2.4	1.5																		
[illegible]	.2	.3	.7	.7																	
[illegible]	.1	1.1	.8																		
[illegible]	.4	.1	.7																		
[illegible]		.2																			
[illegible]		.1																			
[illegible]	.1	.1																			
[illegible]	.1																				
[illegible]		.1																			
[illegible]																					
[illegible]																					
TOTAL	1.7	24.4	39.1	27.7	6.0	.3												891	341	891	84.4

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.	5.40648	66262	74.4	11.261	891							
Dry Bulb	2141528	43282	48.6	6.647	891		.7					20
Wet Bulb	1525373	30944	44.8	6.241	891		2.3					50
Dew Point	1511287	36121	40.5	7.263	891		12.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] LAKENHEATH RAF UK 73-80 NOV
STATION STATION NAME YEARS MONTH

DATA [illegible] 16 [illegible]-17[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.2	.7														4	4		
[illegible]			.2	1.1	.2													13	13		
[illegible]		.2	1.6	1.8														20	20	1	
[illegible]		1.6	2.0	1.8														49	49	10	1
[illegible]		1.5	3.4	3.4	.7													76	76	34	2
[illegible]		1.3	3.6	2.2	.4													69	69	43	27
[illegible]		1.5	3.5	1.8	1.0													62	62	49	35
[illegible]		.9	3.6	1.6	.7													63	63	63	39
[illegible]	.1	2.4	4.0	3.1	.4													90	90	73	57
[illegible]	.1	3.0	6.3	3.5	.6													124	124	95	77
[illegible]	.1	4.6	4.2	1.8														96	96	124	82
[illegible]	.3	4.7	3.4	1.6														89	89	124	99
[illegible]	.6	3.9	1.8	.4														59	59	122	99
[illegible]	.7	1.3	1.2	.1														28	28	72	46
[illegible]		.1	1.3	.2														24	24	42	53
[illegible]	.2	.8	.9	.1														19	19	34	42
[illegible]		.2	.3															5	5	13	42
[illegible]																				1	28
[illegible]		.2																2	2	2	47
[illegible]		.1																1	1	2	8
[illegible]																				1	7
[illegible] 01																					5
[illegible] 19																					2
TOTAL	.2	13.0	14.1	6.2	2.4	.3	.2											891		891	
																		891		891	

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.	5323174	6812	76.5	10.213	891							
Dry Bulb	2037272	4217	47.3	6.822	891		.6					5
Wet Bulb	1758981	39177	44.0	6.393	891		2.7					90
Dew Point	1480055	35731	40.1	7.280	891		14.5					93

FORM AM 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

[illegible] STATION LAKENHEATH RAF UK STATION NAME 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.2	.3														5	5		
62/ 61			.4	.3														7	7		
[illegible]		.1	1.2															13	13	2	
58/ 57		.3	.9	.3	.1													26	20	3	2
[illegible]		2.6	2.2	1.3														57	57	23	3
54/ 53		1.3	3.6	1.5														62	62	33	21
52/ 51		1.8	3.9	.2	.4													53	53	55	37
[illegible]		1.8	2.1	.8	.4													46	46	72	64
48/ 47		3.4	3.1	1.1	.2													70	70	64	51
46/ 45	.1	4.7	7.9	2.4														134	134	58	44
[illegible]	.1	4.7	2.9	.9														77	77	96	63
[illegible]	.1	7.2	3.5	.7														135	135	111	77
40/ 39	.9	6.1	2.7	.2														52	52	95	94
38/ 37	1.3	2.1	2.1															60	58	101	104
36/ 35	.1	2.8	1.9															42	42	48	87
34/ 33	.4	3.3	.3															36	36	62	78
[illegible]		1.5	.2															15	15	35	31
[illegible]	.1	1.3	.4															14	14	15	34
28/ 27	.1	.1																2	2	9	57
26/ 25		.1																1	1	4	9
24/ 23		.1																1	1		11
22/ 21	.2																	2	2	3	3
[illegible]																					3
16/ 15																					4
TOTAL	3.6	46.4	38.7	11.2	1.2														891		891
																		851		891	

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.	5782573	71257	80.0	9.707	891							
Dry Bulb	1846029	39965	44.9	7.331	891		3.5					90
Wet Bulb	1625878	37572	42.2	6.831	891		6.7					90
Dew Point	1398172	34461	38.9	7.477	891		17.3					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

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | NOV MONTH

PAGE [illegible] | 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 63				.3														3	3		
[illegible] / 61			.4	.3														7	7		
[illegible] / 59			.9	.2														9	9		
[illegible] / 57		.7	1.[illegible]	.2	.1													18	18	7	
[illegible] / 55		1.5	1.1	.2														25	25	16	4
[illegible] / 53	.1	1.8	3.6	2.1														59	59	27	15
[illegible] / 51		2.3	3.1	.2	.2													67	67	34	29
[illegible] / 49	.1	1.2	2.2	.4														36	36	74	27
[illegible] / 47	.1	4.3	2.6	1.5														75	75	69	31
[illegible] / 45	.6	5.3	6.1	1.1														116	116	67	135
[illegible] / 43	.2	3.6	3.7	1.5														80	80	94	64
[illegible] / 41	.2	6.5	3.4	.5														95	95	90	76
[illegible] / 39	.4	5.8	1.2	.4														71	71	88	66
[illegible] / 37	1.3	3.3	2.9															67	67	98	77
[illegible] / 35	.2	2.3	1.8															49	49	56	111
[illegible] / 33	.8	4.9	1.6															65	65	82	70
[illegible] / 31		1.8	.1															17	17	49	41
[illegible] / 29		1.[illegible]	.2															11	11	23	53
[illegible] / 27	.3	.6	.1															9	9	11	70
[illegible] / 25		.6																5	5	6	22
[illegible] / 23		.4																4	4	4	15
[illegible] / 21	.1																	1	1	1	2
[illegible] / 19	.1																	1	1	1	3
[illegible] / 17																					7
[illegible] / 15																					2
TOTAL	5.4	48.1	37.[illegible]	9.2	.3														897		899
																		890		890	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5894564	71047	80.8	9.459	89[illegible]							
Dry Bulb	1746597	38841	43.6	7.612	89[illegible]		9.9					9[illegible]
Wet Bulb	1552245	36623	41.1	7.133	89[illegible]		9.9					9[illegible]
Dew Point	1338730	33826	38.[illegible]	7.730	89[illegible]		21.7					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03721 LAKENHEATH RAF UK 73-80 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.3	.7	.1													32	32		
82/ 81		.1	.2	.5														75	75		
80/ 79		.1	1.2	.5	.1													116	116	5	
78/ 77		.1	1.4	.3	.1													238	238	69	5
76/ 75	.	1.3	2.1	1.6	.1	.2												361	361	197	42
74/ 73	.	1.6	3.3	1.6	.2	.2												475	475	245	166
72/ 71		2.2	4.1	.5	.4													503	503	402	242
70/ 69	.1	1.7	2.8	1.1	.2													415	415	581	232
68/ 67	.1	3.5	3.2	1.9	.2													625	625	596	402
66/ 65	.2	4.9	6.3	1.5	.3													948	948	611	740
64/ 63	.1	4.3	3.3	1.3	.1													641	641	713	527
62/ 61	.1	5.8	3.3	.8														716	716	801	682
60/ 59	.5	5.2	1.9	.2														557	557	671	666
58/ 57	1.2	2.6	1.8	.1														411	411	722	722
56/ 55	.4	3.6	1.2	.1														376	376	496	705
54/ 53	.5	2.3	.9	.2														263	263	477	522
52/ 51	.2	1.5	.4															142	142	263	344
50/ 49	.1	1.0	.2															94	94	148	373
48/ 47	.2	.6	.1															65	65	84	406
46/ 45	.2	.3																21	21	47	133
44/ 43	.1	.2																20	21	16	96
42/ 41	.1																	9	9	24	46
40/ 39	.1																	6	6	6	24
38/ 37		.1																1	1	1	26
36/ 35																					16
34/ 33																					1
TOTAL	4.2	44.0	37.7	12.6	1.7	.2												7115		7115	
																		7115		7115	

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.	458724 16	566728	79.7	10.137	7115							
Dry Bulb	147852 03	319757	44.9	7.635	7115		36.2					720
Wet Bulb	130152 85	300131	42.2	7.63	7115		59.6					720
Dew Point	111572 98	276460	38.9	7.638	7115		187.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-82 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59			.1															1	1		
58 / 57			.1	.1														1	1	1	
56 / 55		.1	.2		.1													4	4	1	
54 / 53		1.2	1.2	.1		.1												24	24	3	2
52 / 51		1.9	1.4	.1														33	33	14	6
50 / 49	.1	2.8	3.9	.2														65	65	33	15
48 / 47	.4	4.1	2.6	.3														69	69	61	37
46 / 45	.4	5.5	3.7	.4														93	93	77	57
44 / 43	.2	3.2	3.4	.2														72	72	73	63
42 / 41	.3	3.8	3.7	.5														77	77	66	61
40 / 39	.3	6.8	3.4	.2														100	100	78	71
38 / 37	1.2	5.8	2.8	.4														134	134	117	71
36 / 35	.6	6.7	4.3	.1														109	109	104	93
34 / 33	.4	2.9	2.6	.1														56	56	116	94
32 / 31	.2	3.3	.5															33	39	55	89
30 / 29		1.2	.5															19	19	44	72
28 / 27	.5	2.3	.6															30	31	23	73
26 / 25		1.8	.1															18	18	29	47
24 / 23	.1	.6																7	7	14	17
22 / 21		.4																4	4	6	21
20 / 19		.2																2	2	4	7
18 / 17		.1																1	1	2	21
16 / 15		.1																1	1	1	7
14 / 13																				1	2
12 / 11																					1
10 / 9																					3
8 / 7																					1
TOTAL	4.9	55.9	35.4	3.5	.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.	6144476	75134	80.8	8.948	930							
Dry Bulb	1558184	37468	40.3	7.238	930		12.1					93
Wet Bulb	1389373	35347	38.1	7.031	930		17.9					93
Dew Point	1182323	32317	34.7	7.991	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

[redacted] STATION | LAKENHEATH RAF UK STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 [redacted] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted]/ 57			.1	.1														2	2		
[redacted]/ 55		.4		.2														6	6		
[redacted]/ 53		.8	1.2															27	27	5	
[redacted]/ 51		1.7	1.1															26	26	21	7
[redacted]/ 49		1.5	2.5															37	37	35	7
[redacted]/ 47	.3	3.3	2.9	.3														64	64	42	36
[redacted]/ 45	.3	7.3	4.3	.5														116	116	73	54
[redacted]/ 43	.3	3.4	2.5	.6														54	54	83	61
[redacted]/ 41	.3	5.8	3.7	.5														96	96	68	61
[redacted]/ 39	.1	7.7	3.5	.3														109	109	64	60
[redacted]/ 37	1.5	5.6	4.4	.1														108	108	123	83
[redacted]/ 35	.1	4.9	4.1	.2														67	67	95	73
[redacted]/ 33	.1	4.2	1.8															57	57	100	76
[redacted]/ 31		3.1	.1															30	30	64	78
[redacted]/ 29		2.4	.2															24	24	79	71
[redacted]/ 27	.4	3.7	1.1															48	48	25	1.8
[redacted]/ 25		2.2	.1															23	23	41	34
[redacted]/ 23		.8																7	7	13	29
[redacted]/ 21		.6																6	6	8	21
[redacted]/ 19		.3																3	3	6	12
[redacted]/ 17																				3	19
[redacted]/ 15		.1																1	1		7
[redacted]/ 13		.1																1	1	1	6
[redacted]/ 11		.1																1	1	2	4
[redacted]/ 9																					2
[redacted]/ 7																					1
[redacted]/ 3																					2
TOTAL	3.5	58.9	34.5	3.3															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.	6180807	75151	80.8	8.533	930							
Dry Bulb	1519669	36951	39.7	7.487	930		18.1					93
Wet Bulb	1358763	34903	37.5	7.251	930		23.1					93
Dew Point	1152930	31834	34.2	8.251	930		39.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03931 LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87			.1															1	1		
86/ 85		.4	.2															6	6		
84/ 83		.8	1.1	.1														18	18	8	
82/ 81		1.4	2.6															37	37	11	5
80/ 79		1.6	2.4															37	37	28	9
78/ 77	.4	4.1	2.4	.2														72	72	54	40
76/ 75	.4	7.6	3.3	.2														108	108	81	65
74/ 73	.1	3.5	2.8	1.2														69	69	85	66
72/ 71		5.1	4.1	.1														86	86	61	78
70/ 69	.6	6.6	2.2	.4														91	91	67	67
68/ 67	1.5	5.3	4.5															105	105	119	79
66/ 65	.4	6.1	4.2															99	99	81	66
64/ 63	.2	5.1	1.7															65	65	133	80
62/ 61	.1	2.6	.1															26	26	68	67
60/ 59		2.4	.2															24	24	39	78
58/ 57	.4	3.4	.2															38	38	27	110
56/ 55		2.6	.1															25	25	23	39
54/ 53		.8	.1															8	8	21	21
52/ 51	.1	.9																9	9	9	11
50/ 49		.2																3	3	3	16
48/ 47		.1																1	1	1	17
46/ 45		.2																2	2	1	10
44/ 43		.1																1	1	2	4
42/ 41																				1	5
40/ 39																					4
38/ 37																					2
36/ 35																					
TOTAL	4.4	46.6	32.3	2.7															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.	6173731	75353	81.3	8.571	930							
Dry Bulb	1516816	36904	39.7	7.510	930		13.6					93
Wet Bulb	1357041	34877	37.5	7.268	930		20.2					93
Dew Point	1154140	31852	34.2	8.250	930		38.9					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

134971 LAKENHEATH RAF UK 73-82 JFC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59				.0														0	0		
58/ 57			.2	.1														3	3		
56/ 55		.3	.4	.2														9	9		
54/ 53		.3	.9	.5														16	16	13	
52/ 51	.1	1.7	3.2	.3														50	50	14	6
50/ 49	.1	1.3	4.1															55	55	35	16
48/ 47	.1	3.2	2.4	.1														54	54	71	19
46/ 45	1.1	6.1	5.2	1.1														125	125	93	86
44/ 43		4.3	3.3	2.7														90	90	66	67
42/ 41	.2	6.2	4.4	.3														104	104	83	75
4 / 39	.3	5.9	4.															95	95	68	64
38/ 37	1.1	4.8	4.1															93	93	118	81
36/ 35		5.3	3.	.1														78	78	91	68
34/ 33	.1	3.1	2.6															54	54	110	74
32/ 31		2.4	.1															23	23	51	85
30/ 29		2.0	.4															23	23	36	87
28/ 27	.2	2.2	.3															25	25	26	76
26/ 25		1.5	.3															17	17	11	36
24/ 23		.4																4	4	14	24
22/ 21		.2																2	2	7	15
20/ 19		.2																2	2	2	4
18/ 17		.3																3	3	2	6
16/ 15																				3	3
14/ 13																					1
12/ 11																					1
10/ 9																					0
8/ 7																					0
TOTAL	3.3	52.4	38.9	5.4														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.	6045458	74536	80.1	8.784	930							
Dry Bulb	1618582	38168	41.0	7.185	930		9.9					93
Wet Bulb	1432885	35935	38.6	6.210	930		15.2					93
Dew Point	1214553	32813	35.3	7.821	930		35.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-8[illegible] YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59				.4														4	4		
[illegible] / 57		.5	.2															13	13		
[illegible] / 55		.4	.3															7	7	5	2
[illegible] / 53		.4	3.9	1.4	.1													54	54	17	4
[illegible] / 51		1.7	4.9	.5														67	67	31	6
[illegible] / 49		1.1	4.[illegible]	.5														52	52	69	18
48 / 47		3.[illegible]	3.4	1.3	.2													73	73	69	35
46 / 45	.3	5.2	6.6	2.9	.1													140	140	84	67
44 / 43	.3	3.4	7.1	1.8														118	118	90	78
42 / 41	.1	5.7	6.8	1.6														132	132	97	78
[illegible] / 39		3.5	2.9	.2														62	62	135	82
38 / 37	1.2	3.5	3.7	.6														84	84	113	84
[illegible] / 35		3.1	3.[illegible]	.2														59	59	71	90
[illegible] / 33	.2	1.[illegible]	1.6	.3														29	29	83	67
[illegible] / 31		.9	.4															13	13	73	90
[illegible] / 29		.6	.4															10	10	16	63
[illegible] / 27	.1	.8	.4															13	13	15	58
[illegible] / 25		.2																2	2	3	19
[illegible] / 23																				4	24
[illegible] / 21																					8
[illegible] / 19																					7
[illegible] / 17																					4
[illegible] / 15																					1
[illegible] / 13																					3
TOTAL	2.3	35.2	5[illegible].3	11.9	.3														930		930
																		930		930	

Element (A)	$\Sigma x'$	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.	5634986	71838	77.2	9.613	930							
Dry Bulb	1797287	40453	43.5	6.368	930		3.6					93
Wet Bulb	1563266	37692	40.5	6.194	930		8.1					93
Dew Point	1301073	34133	36.7	7.212	930		27.7					93

USAFETAC FORM 0-26-5 (OL A) 80 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59		.3																3	3		
58/ 57		.2	.4	.1														7	7	3	
56/ 55		.2	.9	.1														11	11	2	1
54/ 53		.4	1.5	.4														22	22	3	3
52/ 51		1.6	4.8	.4														64	64	23	4
[illegible] / 49		1.7	4.7	.6														65	60	40	2
48/ 47		2.2	3.8	.2														40	40	84	22
46/ 45	.2	6.5	6.3	2.3	.1													143	143	74	65
44/ 43	.2	6.8	4.6	1.5														104	104	91	75
42/ 41		5.2	6.1	.6														111	111	101	77
40/ 39	.1	7.2	3.9															104	104	95	91
38/ 37	1.7	3.3	3.2	.5														82	82	143	75
36/ 35		3.5	2.7	.8														65	65	72	92
34/ 33	.1	2.9	2.4															50	50	42	93
32/ 31		1.1	.6															16	16	61	73
30/ 29	.1	.4	.5															13	13	22	71
28/ 27		1.2	.5															15	15	9	76
26/ 25		.3																3	3	15	17
24/ 23		.1																1	1	4	21
22/ 21		.1																1	1	1	14
20/ 19																				1	9
18/ 17																					7
16/ 15																					1
14/ 13																					2
12/ 11																					1
TOTAL	2.5	43.3	46.3	7.7	.1														939		939
																		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.	5854738	73312	78.8	9.136	93							
Dry Bulb	1716671	39506	42.5	6.435	93		8.6					93
Wet Bulb	1510674	37024	39.8	6.287	93		11.2					93
Dew Point	1271472	33714	36.3	7.284	930		28					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 56		.2																3	3		
[illegible] / 57		.2																2	2	2	
[illegible] / 55		.6	.4															10	10	1	
[illegible] / 53		.4	1.2															22	22	3	2
[illegible] / 51	.2	1.1	1.2															20	20	13	[illegible]
[illegible] / 49	.2	1.1	2.4	.2														47	47	27	22
[illegible] / 47		3.4	3.2	.5														67	67	54	37
[illegible] / 45	.3	3.7	5.7	.6														143	143	97	77
[illegible] / 43	.1	3.7	3.4	.6														73	73	64	50
[illegible] / 41	.4	4.7	5.4	.4														111	111	64	9
[illegible] / 39	.1	6.2	3.2															89	89	77	78
[illegible] / 37	1.1	5.6	3.4	.2														105	104	136	65
[illegible] / 35	.1	4.6	3.1	.2														75	75	94	72
[illegible] / 33	.2	3.4	2.2	.3														58	58	103	112
[illegible] / 31		2.7	.6															31	31	62	64
[illegible] / 29	.1	2.5	.6															19	19	41	48
[illegible] / 27	.3	1.9	.5															26	26	72	64
[illegible] / 25		.7	.1															4	4	16	33
[illegible] / 23		.1	.1															2	2	8	23
[illegible] / 21		.1																1	1	3	11
[illegible] / 19		.2																3	3	3	11
[illegible] / 17																				2	2
[illegible] / 15																					1
[illegible] / 13																					
[illegible] / 11																					
[illegible] / 9																					
TOTAL	[illegible].2	52.1	47.5	3.2														929	[illegible]71	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.	[illegible]696353	748 39	8[illegible].5	8.224	929							
Dry Bulb	[illegible]636021	38147	41.[illegible]	6.749	929		9.5					93
Wet Bulb	1430206	35930	39.7	6.620	929		15.2					93
Dew Point	1218094	32882	35.4	7.645	929		32.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | LAKENHEATH RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59			•															1	1		
56/ 58				•4	•2													[illegible]	[illegible]	[illegible]	
8/ 55			•1	1•0	•2													24	24	[illegible]	
52/ 54			1•0	2•7	•1													[illegible]	[illegible]	[illegible]	[illegible]
/ 49		•1	1•2	2•6	•1													[illegible]	[illegible]	[illegible]	[illegible]
46/ 47			4•3	2•2	•5													[illegible]	[illegible]	[illegible]	[illegible]
/ 45		•1	2•9	4•4	•1													110	110	96	[illegible]
42/ 43		•1	3•5	3•2	•6													[illegible]	[illegible]	[illegible]	[illegible]
/ 41		•1	3•3	4•6	•8													6	6	66	7
38/ 39		•1	7•5	2•7														[illegible]	[illegible]	[illegible]	[illegible]
/ 37		•1	6•7	2•3														104	104	105	83
34/ 36		•4	3•0	3•0	•1													[illegible]	[illegible]	[illegible]	[illegible]
/ 33		•1	3•8	2•5	•2													1	1	[illegible]	[illegible]
30/ 31		•1	2•3	•6														[illegible]	[illegible]	[illegible]	[illegible]
/ 29			1•3	1•3														[illegible]	[illegible]	[illegible]	[illegible]
26/ 27		•4	2•3	•2														[illegible]	[illegible]	[illegible]	[illegible]
/ 25		•1	1•2	•2														[illegible]	[illegible]	[illegible]	[illegible]
24/ 23			•2															[illegible]	[illegible]	[illegible]	[illegible]
/ 21																					
20/ 19			•1															1	1	[illegible]	[illegible]
/ 17			•2															[illegible]	[illegible]	[illegible]	[illegible]
16/ 15																				[illegible]	[illegible]
/ 13																					[illegible]
12/ 11																					[illegible]
/ 9																					[illegible]
TOTAL	3	•6	57•7	35•3	3•2													[illegible]	[illegible]	[illegible]	[illegible]
																		970		970	

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.	6192312	75452	81.1	8.735	930							
Dry Bulb	1558841	77527	41.4	6.426	930		11.5					93
Wet Bulb	1392739	35432	38.1	6.789	915		18.4					93
Dew Point	1190972	32486	34.9	7.778	930		35.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKENHEATH RAF [illegible]	[illegible]-65	[illegible]

HOURS (L.S.T.) 311

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
/ 99			.1	.1														[illegible]	[illegible]		
/ 97			.2	.2														[illegible]	[illegible]		
/ 95			.2	.4	.1													[illegible]	[illegible]	1.5	
/ 93			.2	.2	.2													[illegible]	[illegible]	.3	
/ 91		.1	1.6	2.7	.3													336	336	1.4	
/ 89		.1	1.6	3.4	.3													426	426	2.6	1.2
/ 87		.2	2.1	3.7	.5													513	513	6.2	2.1
/ 85		.2	2.1	4.2	1.0													598	598	9.1	3.4
/ 83		.2	3.6	5.2	1.2													653	653	8.5	4.3
/ 81		.2	5.1	5.7	.9													697	697	8.1	4.1
/ 79		.2	5.4	5.2	.7													748	748	8.8	5.4
/ 77		.2	5.2	5.7	.8													782	784	10.2	6.2
/ 75		.2	4.2	5.5	.9													569	569	7.1	5.3
/ 73		.2	3.3	4.1	.5													430	431	6.1	7.2
/ 71		.1	2.4	2.4														311	311	6.1	6.2
/ 69		.1	1.6	1.5														173	173	4.2	6.2
/ 67		.2	1.2	.9														121	121	1.2	5.4
/ 65		.1	1.3	.1														137	137	1.4	3.6
/ 63		.1	.4	.2														72	72	.5	2.2
/ 61			.3															35	35	2.1	1.2
/ 59			.1															13	13	.4	
/ 57			.1															7	7	1.2	
/ 55			.1															6	6	.7	
/ 53			.1															2	2	.4	
/ 51			.1															1	1	.3	
/ 49																					
/ 47																					
/ 45																					
TOTAL	3.6	52.0	79.2	5.2	.1	.0												7461		74	3
																		7422		7423	

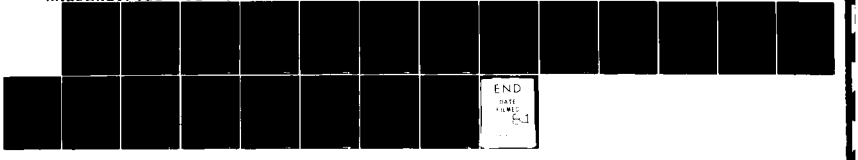
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	48284361	595585	80.1	8.594	7433							744
Dry Bulb	1288847[illegible]	305123	41.[illegible]	[illegible].143	744		79.2					744
Wet Bulb	11435036	28714	39.6	6.276	7433		1.6					744
Dew Point	9685553	262031	35.2	7.823	7433		2.4					744

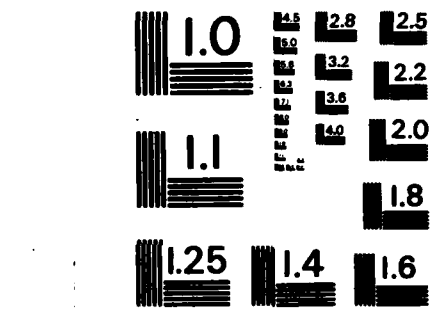
USAFETAC FORM 0-26-5 (OL A) REV 10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A140 248 LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84

UNCLASSIFIED USAFETAC/DS-84/008 SBI-AD-E850 624 F/G 4/2 NL

5/5





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK 73-83 ALL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93													.0	.0		.0		4	4		
92/ 91												.0	.0	.0	.0			11	11		
90/ 89											.0	.0	.0	.0				21	21		
88/ 87										.0	.0	.0	.0	.0				35	35		
86/ 85									.0	.0	.0	.0	.0					39	39		
84/ 83								.0	.0	.0	.0	.0		.0				66	66		
82/ 81						.0	.0	.0	.1	.0	.0	.0	.0	.0				201	201		
80/ 79					.0	.0	.0	.1	.0	.0	.0	.0	.0					187	187		
78/ 77					.0	.0	.1	.1	.1	.0	.0	.0						361	361		
76/ 75				.0	.0	.1	.2	.1	.1	.0	.0							501	501		
74/ 73				.0	.1	.2	.3	.2	.1	.0								766	766		
72/ 71		.0	.0	.0	.2	.3	.3	.2	.1	.0	.0							942	942	0	
70/ 69		.0	.0	.1	.3	.5	.3	.2	.0	.0	.0							1349	1349	74	1
68/ 67			.1	.1	.4	.4	.3	.1	.0	.0								1185	1185	234	1
66/ 65		.0	.3	.5	.6	.5	.5	.1	.0	.0								2195	2195	543	20
64/ 63	.0	.2	.7	1.1	1.1	1.2	.3	.1	.0	.0								4584	4584	1008	235
62/ 61	.0	.3	1.3	1.2	1.1	.4	.2	.0	.0	.0								3958	3958	2103	814
60/ 59	.0	.6	1.7	1.2	.9	.3	.1	.1	.0									4319	4319	2972	964
58/ 57	.0	1.2	1.8	1.6	.6	.3	.1	.0										4884	4884	4820	1758
56/ 55	.0	1.3	1.9	1.7	.4	.1	.0	.0										4854	4854	5223	3072
54/ 53	.0	1.2	2.8	1.4	.6	.1	.0											5472	5472	6007	4246
52/ 51	.1	1.8	3.3	.8	.4	.1	.0											5423	5423	6068	5136
50/ 49	.1	1.3	2.7	.8	.2	.1	.0	.0										4529	4529	6970	4335
48/ 47	.1	2.6	2.3	.9	.3	.1	.0											5456	5456	6861	5841
46/ 45	.1	4.0	4.0	1.1	.4	.1	.0											8444	8445	6734	10316
44/ 43	.1	2.8	2.5	.9	.1	.0												5222	5223	6211	6564
42/ 41	.1	3.1	2.5	.5	.1	.0												5010	5010	6013	7241
40/ 39	.2	2.9	1.5	.3	.0													4210	4210	5670	6110
38/ 37	.5	2.0	1.5	.2	.0													3664	3665	5629	5580
36/ 35	.1	2.8	1.8	.2	.0													3649	3649	3788	6460
34/ 33	.1	1.5	.8	.1														2185	2185	4632	4538
32/ 31	.0	.9	.2	.0														1049	1044	2291	3423
30/ 29	.0	.8	.2	.0														890	890	1464	3740
28/ 27	.1	.6	.1	.0														736	736	870	4023

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	≥ 89 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK 73-83 ALL
STAT ON STATION NAME YEARS MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25	.0	.2	.0															240	240	530	1499
24/ 23	.0	.1	.0															134	134	206	1128
22/ 21	.0	.1	.0															82	82	152	620
20/ 19	.0	.0																41	41	65	383
18/ 17		.0																27	27	44	270
16/ 15		.0																11	11	21	132
14/ 13		.0																4	4	8	68
12/ 11		.0																1	1	4	46
10/ 9	.0																	1	1	1	58
8/ 7																					10
6/ 5																					2
4/ 3																					3
TOTAL	1.8	31.3	33.5	15.5	7.9	4.8	2.7	1.7	.7	.3	.1	.1	.0	.0	.0	.0		87234	87237	87234	87234

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	490927532	6838892	78.4	13.689	87238							
Dry Bulb	230399078	8381030	50.2	20.908	87237		321.6	547.5	219.5	87.5	.5	8760
Wet Bulb	191713885	4012991	46.0	9.028	87239		567.5	31.5				8760
Dew Point	158908886	3630690	41.6	9.387	87238		1685.5	.5				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035831 LAKENHEATH RAF UK 73-83

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	39.7	38.4	41.2	42.5	47.5	53.6	56.8	56.8	54.0	48.3	43.6	40.3	46.9
	S.D.	7.383	6.226	5.677	5.675	5.478	4.999	4.613	5.233	5.700	6.375	7.722	7.238	9.005
	TOTAL OBS	930	837	930	900	840	900	930	930	898	930	888	930	10843
03-05	MEAN	39.2	37.8	40.3	41.4	46.1	52.0	55.1	55.0	52.4	47.3	42.9	39.7	45.8
	S.D.	7.411	6.205	5.681	5.604	5.350	4.793	4.653	5.261	5.792	6.609	7.844	7.447	8.719
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872
06-08	MEAN	39.0	37.6	40.7	43.6	50.5	56.5	59.0	58.1	53.9	47.7	43.0	39.7	47.5
	S.D.	7.496	6.273	5.603	5.403	5.499	5.039	4.799	5.013	5.777	6.610	7.756	7.510	9.750
	TOTAL OBS	930	837	930	900	919	900	929	930	899	930	888	930	10922
09-11	MEAN	40.5	40.4	45.0	49.1	56.2	62.3	64.8	65.2	60.8	52.8	45.7	41.0	52.1
	S.D.	7.120	5.876	5.460	5.759	6.365	6.612	5.975	5.438	5.482	6.035	7.247	7.185	11.160
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922
12-14	MEAN	43.0	43.3	48.1	52.1	58.9	65.4	68.0	68.9	64.5	56.0	48.6	43.5	55.1
	S.D.	6.434	5.944	5.868	6.433	7.046	7.502	6.766	6.454	5.753	5.707	6.647	6.368	11.487
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924
15-17	MEAN	42.3	43.0	47.8	51.9	58.6	65.5	68.4	69.1	64.3	54.7	47.3	42.5	54.7
	S.D.	6.496	6.032	5.823	6.686	7.077	7.688	6.787	6.630	6.076	5.613	6.822	6.435	11.844
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929
18-20	MEAN	40.7	40.2	44.2	48.0	55.0	62.0	65.1	64.6	59.1	50.6	44.9	41.0	51.3
	S.D.	6.885	5.878	5.568	5.951	6.463	6.790	5.946	5.842	5.664	5.798	7.301	6.740	11.067
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	930	10927
21-23	MEAN	40.0	38.9	42.1	44.1	49.9	56.4	59.5	59.1	55.5	48.8	43.6	40.4	48.3
	S.D.	7.107	6.041	5.610	5.458	5.500	5.223	4.670	4.835	5.424	6.123	7.612	6.926	9.516
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898
ALL HOURS	MEAN	40.5	40.0	43.7	46.6	53.0	59.2	62.1	62.1	58.1	50.8	44.9	41.0	50.2
	S.D.	7.171	6.403	6.360	7.098	7.703	7.900	7.368	7.635	7.267	6.884	7.638	7.103	10.908
	TOTAL OBS	7938	6700	7998	7199	7191	7200	7438	7440	7196	7440	7115	7440	87237

USAF ETAC FORM OCT 70 0-80-6 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035831 LAKENHEATH RAF UK 73-83

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	37.4	36.4	38.5	39.6	44.6	50.2	53.4	53.4	50.7	45.8	41.2	38.0	44.1
	S.D.	6.931	5.998	5.611	5.371	5.115	4.659	4.247	4.866	5.264	6.233	7.213	7.031	8.492
	TOTAL OBS	930	837	930	900	840	900	930	930	898	930	888	930	10843
03-05	MEAN	37.0	35.8	37.7	38.7	43.6	49.1	52.2	52.1	49.5	45.0	40.6	37.5	43.3
	S.D.	6.984	5.990	5.634	5.368	5.113	4.540	4.350	5.018	5.418	6.465	7.339	7.251	8.350
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872
06-08	MEAN	36.8	35.6	38.1	40.5	46.8	52.1	54.9	54.4	50.7	45.3	40.7	37.5	44.5
	S.D.	7.035	6.090	5.523	5.043	4.580	4.270	4.036	4.543	5.299	6.422	7.276	7.268	8.944
	TOTAL OBS	931	837	930	898	919	900	929	930	899	930	888	930	10920
09-11	MEAN	38.0	37.8	41.2	44.0	49.7	54.8	57.6	57.9	54.9	49.0	42.9	38.6	47.3
	S.D.	6.643	5.620	5.089	4.782	4.778	4.910	4.169	3.925	4.301	5.510	6.771	6.910	9.148
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922
12-14	MEAN	39.9	39.8	43.0	45.3	50.8	56.0	58.7	59.0	56.1	50.5	44.8	40.5	48.8
	S.D.	5.917	5.569	5.204	5.057	4.985	5.094	4.238	4.104	4.348	5.062	6.241	6.194	8.803
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924
15-17	MEAN	39.3	39.6	42.6	45.1	50.6	56.0	58.8	58.9	55.9	49.8	44.0	39.8	48.4
	S.D.	6.020	5.704	5.144	5.263	4.973	4.987	4.188	4.111	4.568	5.097	6.393	6.287	9.003
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929
18-20	MEAN	38.1	37.7	40.5	42.9	48.8	54.6	57.6	57.3	53.6	47.4	42.2	38.7	46.7
	S.D.	6.403	5.750	5.325	5.138	5.005	4.845	4.137	4.166	4.666	5.591	6.831	6.620	9.090
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	929	10924
21-23	MEAN	37.5	36.7	39.0	40.6	46.1	51.9	55.0	54.7	51.6	46.2	41.1	38.1	44.9
	S.D.	6.625	5.867	5.558	5.069	4.937	4.523	4.060	4.407	4.940	6.002	7.133	6.789	8.677
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898
ALL HOURS	MEAN	38.0	37.4	40.1	42.1	47.7	53.1	56.0	56.0	52.9	47.4	42.2	38.6	46.0
	S.D.	6.659	6.015	5.716	5.670	5.556	5.330	4.783	5.056	5.434	6.158	7.063	6.876	9.025
	TOTAL OBS	7438	6700	7440	7197	7191	7200	7438	7440	7196	7440	7115	7439	87234

USAF ETAC FORM OCT 78 0-09-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035831 LAKENHEATH RAF UK 73-83

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	34.0	33.2	34.6	35.6	41.3	47.1	50.6	50.5	47.7	43.2	38.2	34.7	41.0
	S.D.	7.676	6.843	6.788	6.194	5.752	5.310	4.555	5.342	5.736	6.903	7.706	7.991	9.154
	TOTAL OBS	930	837	930	900	840	900	930	930	898	930	888	930	10843
03-05	MEAN	33.6	32.7	34.1	35.1	40.7	46.4	49.7	49.6	46.8	42.4	37.7	34.2	40.3
	S.D.	7.767	6.870	6.778	6.176	5.717	5.143	4.586	5.574	5.937	7.144	7.849	8.251	9.099
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872
06-08	MEAN	33.5	32.5	34.4	36.6	42.9	48.3	51.7	51.4	47.8	42.7	37.8	34.2	41.2
	S.D.	7.746	6.952	6.645	5.838	5.042	4.882	4.213	5.097	5.774	7.049	7.840	8.250	9.428
	TOTAL OBS	930	837	930	898	919	900	929	930	899	930	888	930	10920
09-11	MEAN	34.5	34.2	36.4	37.8	43.3	48.3	51.9	52.2	49.8	45.2	39.6	35.3	42.4
	S.D.	7.332	6.517	6.384	5.962	5.935	5.871	4.903	4.912	5.031	6.330	7.424	7.821	9.146
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922
12-14	MEAN	35.8	35.0	36.6	37.4	42.8	48.1	51.5	51.4	49.1	45.2	40.5	36.7	42.6
	S.D.	6.626	6.752	6.923	6.509	6.505	6.095	5.176	5.337	5.644	6.339	7.263	7.212	8.817
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924
15-17	MEAN	35.4	34.9	36.0	37.0	42.6	48.2	51.5	51.1	48.9	45.0	40.1	36.3	42.3
	S.D.	6.760	6.941	7.048	6.660	6.466	5.859	5.294	5.387	5.764	6.343	7.280	7.284	8.932
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929
18-20	MEAN	34.6	34.1	35.5	36.7	42.5	48.3	51.8	51.4	48.9	44.2	38.9	35.4	41.9
	S.D.	7.069	6.785	6.814	6.438	6.194	5.711	4.987	5.071	5.370	6.452	7.477	7.645	9.157
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	929	10926
21-23	MEAN	34.0	33.4	34.8	36.0	42.1	47.9	51.3	51.0	48.2	43.4	38.0	34.9	41.3
	S.D.	7.279	6.768	6.863	6.055	5.726	5.235	4.872	5.047	5.551	6.737	7.730	7.778	9.189
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898
ALL HOURS	MEAN	34.4	33.8	35.3	36.5	42.3	47.8	51.2	51.1	48.4	43.9	38.9	35.2	41.6
	S.D.	7.330	6.868	6.839	6.290	5.990	5.864	4.894	5.272	5.677	6.749	7.639	7.828	9.147
	TOTAL OBS	7438	6700	7440	7197	7191	7200	7436	7440	7196	7440	7118	7439	87236

USAF ETAC FORM 0-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.8	97.1	84.2	52.7	15.2	80.3	930
	03-05	100.0	100.0	100.0	100.0	99.9	97.4	85.1	52.7	15.2	80.4	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	85.8	54.0	14.8	80.7	930
	09-11	100.0	100.0	100.0	100.0	99.7	96.9	82.5	48.1	11.6	79.3	929
	12-14	100.0	100.0	100.0	100.0	99.2	93.0	71.6	36.3	7.4	76.1	930
	15-17	100.0	100.0	100.0	99.9	99.5	94.4	75.1	39.2	7.7	77.1	930
	18-20	100.0	100.0	100.0	100.0	99.7	97.4	81.7	46.3	10.6	79.1	930
	21-23	100.0	100.0	100.0	100.0	99.7	97.7	83.0	47.5	11.4	79.6	929
TOTALS		100.0	100.0	100.0	100.0	99.7	96.5	81.1	47.1	11.7	79.1	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 74-83 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	98.0	87.1	59.8	22.3	81.9	837
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	85.3	59.0	23.1	82.0	837
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	86.5	58.7	21.3	82.0	837
	09-11	100.0	100.0	100.0	100.0	99.8	96.2	76.6	47.3	15.2	79.2	837
	12-14	100.0	100.0	100.0	99.4	96.5	84.2	57.3	30.6	8.5	73.2	837
	15-17	100.0	100.0	100.0	99.6	97.0	85.6	59.3	31.8	8.0	73.9	840
	18-20	100.0	100.0	100.0	100.0	99.9	96.7	77.6	46.1	13.8	79.2	838
	21-23	100.0	100.0	100.0	100.0	100.0	97.7	82.7	55.0	17.8	80.9	837
TOTALS		100.0	100.0	100.0	99.9	99.2	90.6	76.6	48.5	16.3	79.0	6700

USAFETAC FORM AWS 04 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.5	93.0	74.3	44.2	6.7	77.6	930
	03-05	100.0	100.0	100.0	100.0	99.8	94.8	78.1	50.2	8.9	78.8	930
	06-08	100.0	100.0	100.0	100.0	99.6	93.7	78.1	49.5	10.3	78.7	930
	09-11	100.0	100.0	100.0	99.2	94.1	81.7	61.3	28.3	5.3	72.6	930
	12-14	100.0	100.0	99.7	96.3	84.8	63.5	41.3	17.6	1.7	66.0	930
	15-17	100.0	99.8	99.4	95.1	82.5	61.2	41.2	15.6	1.6	65.1	930
	18-20	100.0	100.0	99.9	98.9	94.7	81.7	58.7	28.4	3.4	72.3	930
	21-23	100.0	100.0	100.0	100.0	98.6	89.2	69.8	38.7	5.8	75.8	930
TOTALS		100.0	100.0	99.9	98.7	94.2	82.4	62.9	34.1	5.5	73.9	7440

USAFETAC FORM 0-67-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 74-83 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.3	93.8	77.3	37.6	5.0	76.9	900
	03-05	100.0	100.0	100.0	100.0	99.7	95.4	82.8	40.7	7.8	78.5	900
	06-08	100.0	100.0	100.0	100.0	99.2	93.5	74.8	37.1	6.6	76.8	898
	09-11	100.0	100.0	100.0	97.7	88.0	69.9	39.1	14.2	2.2	66.1	900
	12-14	100.0	100.0	98.9	89.8	71.1	42.9	22.6	6.0	1.0	58.8	900
	15-17	100.0	100.0	98.8	88.7	70.2	41.9	20.3	7.3	1.2	58.5	900
	18-20	100.0	100.0	100.0	97.7	86.4	66.0	40.0	14.2	1.9	66.1	900
	21-23	100.0	100.0	100.0	100.0	97.6	88.2	62.2	29.5	4.6	73.5	899
TOTALS		100.0	100.0	99.7	96.7	88.9	73.3	52.8	22.7	3.7	69.8	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 74-83 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.5	97.3	86.9	46.0	9.2	79.4	840
	03-05	100.0	100.0	100.0	100.0	99.8	98.4	91.2	55.5	12.1	81.4	867
	06-08	100.0	100.0	100.0	99.8	98.3	90.9	74.9	34.9	6.3	75.9	919
	09-11	100.0	100.0	99.6	94.7	82.1	57.8	33.9	10.2	1.9	63.2	918
	12-14	100.0	100.0	96.5	86.5	65.7	40.5	21.5	6.9	1.3	57.3	918
	15-17	100.0	100.0	96.4	85.5	65.1	41.7	21.9	6.8	1.4	57.2	918
	18-20	100.0	100.0	99.5	94.7	82.7	60.1	37.1	12.9	2.0	64.2	918
	21-23	100.0	100.0	100.0	99.9	98.2	91.2	72.6	29.7	6.7	75.2	893
TOTALS		100.0	100.0	99.0	95.1	86.9	72.2	55.0	25.4	5.1	69.2	7191

USAFETAC (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	97.6	88.7	43.2	7.8	79.0	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	91.9	53.9	10.8	81.2	900
	06-08	100.0	100.0	100.0	99.9	98.9	91.3	72.0	26.3	4.1	74.6	900
	09-11	100.0	100.0	99.7	95.3	81.6	50.0	25.1	7.2	1.1	61.4	900
	12-14	100.0	99.6	98.2	86.7	63.3	29.8	14.6	4.2	.3	55.2	900
	15-17	100.0	99.9	97.3	85.6	62.1	31.6	17.9	5.4	.4	55.4	900
	18-20	100.0	100.0	99.6	94.7	81.3	52.9	29.1	9.4	1.3	62.2	900
	21-23	100.0	100.0	100.0	100.0	98.7	89.2	68.7	24.6	3.8	73.8	900
TOTALS		100.0	99.9	99.4	95.3	85.7	67.7	50.8	21.8	3.7	67.9	7200

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 73-92 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.2	91.8	46.5	6.2	[illegible]	93[illegible]
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.6	56.7	8.1	82.1	930
	06-08	100.0	100.0	100.0	100.0	99.6	96.6	80.7	33.6	4.0	77.1	929
	09-11	100.0	100.0	98.8	97.2	88.0	61.5	32.9	8.4	.2	64.3	93[illegible]
	12-14	100.0	99.2	98.0	90.7	66.8	38.3	17.3	4.8	.3	57.1	929
	15-17	100.0	99.5	97.6	89.6	63.7	35.1	18.6	5.2	.1	56.5	93[illegible]
	18-20	100.0	100.0	99.2	96.1	86.5	55.3	32.5	9.7	.3	63.5	93[illegible]
	21-23	100.0	100.0	100.0	99.9	98.8	92.4	71.0	24.0	2.9	74.5	930
TOTALS		100.0	99.8	99.2	96.7	87.9	72.3	55.3	23.6	2.8	69.4	7438

USAFETAC FORM AUG 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	97.2	87.7	46.8	8.5	79.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	91.0	60.6	15.7	82.2	930
	06-08	100.0	100.0	100.0	100.0	100.0	95.1	82.5	44.4	9.5	78.7	930
	09-11	100.0	100.0	99.9	97.7	87.2	59.5	31.4	10.0	1.2	64.0	930
	12-14	100.0	100.0	97.7	88.6	60.8	31.9	15.5	4.2	.4	55.4	930
	15-17	100.0	100.0	97.2	86.1	55.1	28.9	16.1	6.2	.2	54.5	930
	18-20	100.0	100.0	99.8	97.0	89.2	54.6	32.6	10.5	.8	63.6	930
	21-23	100.0	100.0	100.0	100.0	99.4	92.5	71.7	26.9	3.5	74.9	930
TOTALS		100.0	100.0	99.3	96.2	85.8	68.7	53.6	26.2	5.0	69.1	7440

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.8	95.1	90.5	45.1	7.7	79.5	898
	03-05	100.0	100.0	100.0	100.0	99.8	95.4	92.1	56.6	13.4	81.4	900
	06-08	100.0	100.0	100.0	100.0	99.8	95.0	89.7	49.3	9.5	79.9	899
	09-11	100.0	100.0	100.0	99.4	93.1	72.8	44.3	14.6	2.8	68.1	900
	12-14	100.0	100.0	99.8	95.2	72.9	36.8	19.8	5.6	1.1	58.5	899
	15-17	100.0	100.0	99.4	94.9	72.3	39.7	18.9	5.4	.6	58.5	900
	18-20	100.0	100.0	100.0	99.2	95.8	79.6	50.6	15.8	2.8	69.6	900
	21-23	100.0	100.0	100.0	100.0	99.1	94.2	81.6	34.6	5.8	76.9	900
TOTALS		100.0	100.0	99.9	98.6	91.6	76.1	60.9	28.9	5.5	71.6	7196

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035931 LAKENHEATH RAF UK 73-82 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.7	63.1	16.7	82.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.6	65.9	15.8	83.2	930
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	62.2	16.5	82.8	930
	09-11	100.0	100.0	100.0	100.0	99.2	90.9	70.9	33.7	7.5	75.8	930
	12-14	100.0	100.0	100.0	99.7	93.7	70.2	43.2	15.5	3.0	68.1	930
	15-17	100.0	100.0	100.0	99.9	96.6	79.0	53.8	19.8	3.3	70.5	930
	18-20	100.0	100.0	100.0	100.0	100.0	97.6	83.2	41.9	9.9	78.8	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	99.3	59.8	13.7	81.5	930
TOTALS		100.0	100.0	100.0	100.0	98.7	92.1	78.2	38.6	10.8	77.9	7440

USAFETAC FORM AWS 66 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03583 1 (STATION) LAKENHEATH RAF UK (STATION NAME) 73-82 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.0	87.6	57.9	17.8	81.6	888
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	89.3	59.1	20.7	82.2	888
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	89.3	59.9	18.7	82.1	888
	09-11	100.0	100.0	100.0	100.0	99.7	96.8	83.1	46.6	14.0	79.6	888
	12-14	100.0	100.0	100.0	100.0	97.5	88.7	65.2	29.7	9.8	74.4	891
	15-17	100.0	100.0	100.0	100.0	99.2	90.9	71.6	35.8	12.8	76.5	891
	18-20	100.0	100.0	100.0	100.0	100.0	96.1	82.2	49.4	13.9	80.0	891
	21-23	100.0	100.0	100.0	100.0	100.0	97.5	84.4	54.8	15.4	80.8	890
TOTAL			100.0	100.0	100.0	99.6	93.7	81.6	49.1	15.9	79.7	7115

USAFETAC FORM AM 64 0-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 73-82 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	98.1	86.5	54.5	13.4	80.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	86.9	52.5	14.2	80.8	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	85.9	54.8	14.2	81.0	930
	09-11	100.0	100.0	100.0	100.0	100.0	98.5	84.0	51.3	12.7	80.1	930
	12-14	100.0	100.0	100.0	100.0	100.0	93.7	74.5	37.5	9.4	77.2	930
	15-17	100.0	100.0	100.0	100.0	99.9	96.8	79.1	44.3	11.4	78.8	930
	18-20	100.0	100.0	100.0	100.0	99.9	98.1	84.7	52.4	13.6	80.5	929
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	85.5	56.0	15.8	81.1	930
TOTALS		100.0	100.0	100.0	100.0	100.0	97.8	83.4	50.4	13.1	80.0	7439

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 73-83 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.7	96.5	81.1	47.1	11.7	79.1	7438
FEB		100.0	100.0	100.0	99.9	99.2	94.6	76.6	48.5	16.3	79.0	6700
MAR		100.0	100.0	99.9	98.7	94.2	82.4	62.9	34.1	5.5	73.4	7440
APR		100.0	100.0	99.7	96.7	88.9	73.3	52.4	22.7	3.7	69.4	7197
MAY		100.0	100.0	99.0	95.1	86.4	72.2	55.0	25.4	5.1	69.2	7191
JUN		100.0	99.9	99.4	95.3	85.7	67.7	50.4	21.8	3.7	67.9	7200
JUL		100.0	99.8	99.2	96.7	87.9	72.3	55.3	23.6	2.8	69.4	7438
AUG		100.0	100.0	99.3	96.2	85.8	69.7	53.6	26.2	5.0	69.1	7440
SEP		100.0	100.0	99.9	98.6	91.6	76.1	60.9	28.4	5.5	71.6	7196
OCT		100.0	100.0	100.0	100.0	98.7	92.1	78.2	44.6	10.8	77.9	7440
NOV		100.0	100.0	100.0	100.0	99.6	95.7	81.6	49.1	15.4	79.7	7115
DEC		100.0	100.0	100.0	100.0	100.0	97.8	83.9	50.9	13.1	80.0	7439
TOTALS		100.0	100.0	99.7	98.1	93.1	82.5	66.0	35.2	8.2	73.8	87234

USAFETAC FORM AWS 04 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

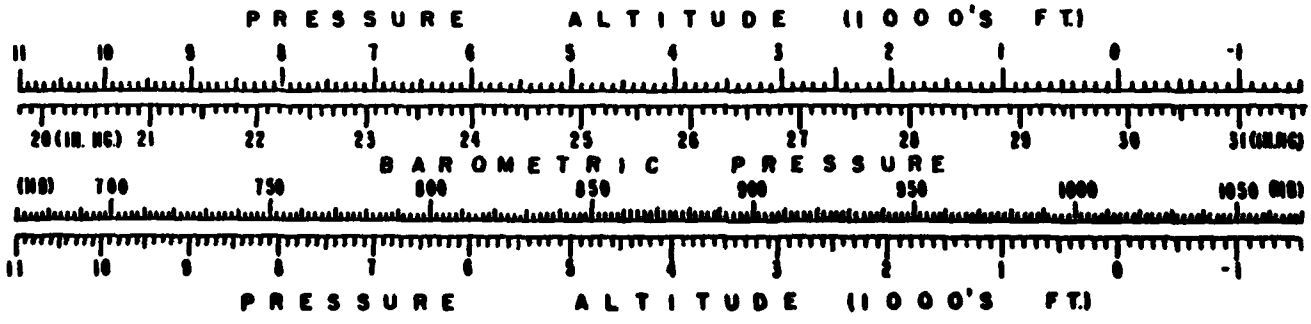
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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MEANS AND STANDARD DEVIATIONS

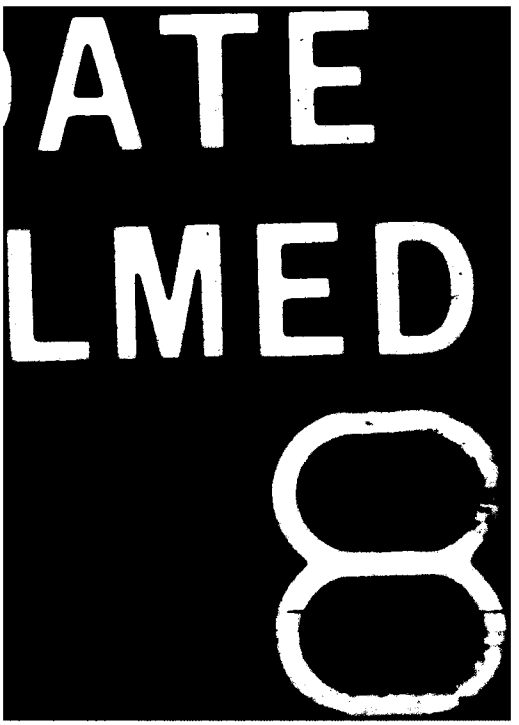
STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

035931 LAKENHEATH RAF UK 73-83

STATION STATION NAME YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
00	MEAN	29.903	29.910	29.824	29.964	29.903	29.972	29.961	29.976	29.930	29.864	29.929	29.817	29.913
	S D	.385	.398	.343	.285	.247	.221	.192	.198	.272	.326	.337	.453	.319
	TOTAL OBS	310	279	310	300	280	300	310	310	300	310	296	310	3615
03	MEAN	29.896	29.900	29.810	29.951	29.892	29.961	29.949	29.965	29.918	29.851	29.918	29.809	29.901
	S D	.387	.397	.343	.283	.247	.223	.195	.200	.273	.324	.339	.448	.319
	TOTAL OBS	310	279	310	300	280	300	310	310	300	310	296	310	3615
06	MEAN	29.883	29.898	29.809	29.956	29.904	29.969	29.953	29.969	29.922	29.852	29.914	29.802	29.902
	S D	.393	.401	.344	.284	.252	.226	.197	.203	.276	.324	.340	.446	.321
	TOTAL OBS	310	279	310	300	307	300	309	310	299	310	296	310	3640
09	MEAN	29.896	29.918	29.821	29.967	29.911	29.975	29.959	29.980	29.936	29.869	29.929	29.819	29.914
	S D	.398	.402	.346	.285	.252	.227	.199	.205	.283	.325	.343	.441	.322
	TOTAL OBS	310	279	310	300	306	300	310	310	300	310	296	310	3641
12	MEAN	29.892	29.917	29.819	29.961	29.904	29.968	29.955	29.972	29.930	29.866	29.920	29.818	29.910
	S D	.399	.402	.344	.282	.251	.224	.196	.201	.277	.321	.348	.438	.320
	TOTAL OBS	310	279	310	300	306	300	309	310	299	310	297	310	3640
15	MEAN	29.877	29.897	29.802	29.947	29.893	29.956	29.943	29.958	29.910	29.851	29.903	29.807	29.895
	S.D.	.399	.399	.338	.279	.249	.220	.191	.195	.273	.316	.350	.435	.317
	TOTAL OBS	310	280	310	300	306	300	310	310	300	310	297	310	3643
18	MEAN	29.889	29.907	29.810	29.949	29.892	29.953	29.937	29.955	29.916	29.863	29.918	29.815	29.900
	S.D.	.397	.399	.338	.280	.246	.219	.188	.191	.267	.318	.348	.438	.316
	TOTAL OBS	310	280	310	300	306	300	310	310	300	310	297	310	3643
21	MEAN	29.900	29.912	29.823	29.969	29.914	29.972	29.956	29.978	29.932	29.870	29.927	29.818	29.914
	S.D.	.392	.398	.341	.283	.245	.221	.188	.193	.270	.323	.346	.448	.318
	TOTAL OBS	310	279	310	300	306	300	310	310	300	310	297	310	3692
ALL HOURS	MEAN	29.892	29.907	29.815	29.958	29.902	29.966	29.952	29.969	29.924	29.861	29.920	29.813	29.906
	S.D.	.393	.399	.342	.282	.249	.223	.193	.198	.274	.322	.343	.443	.319
	TOTAL OBS	2480	2235	2480	2400	2397	2400	2476	2480	2398	2480	2372	2480	29879

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