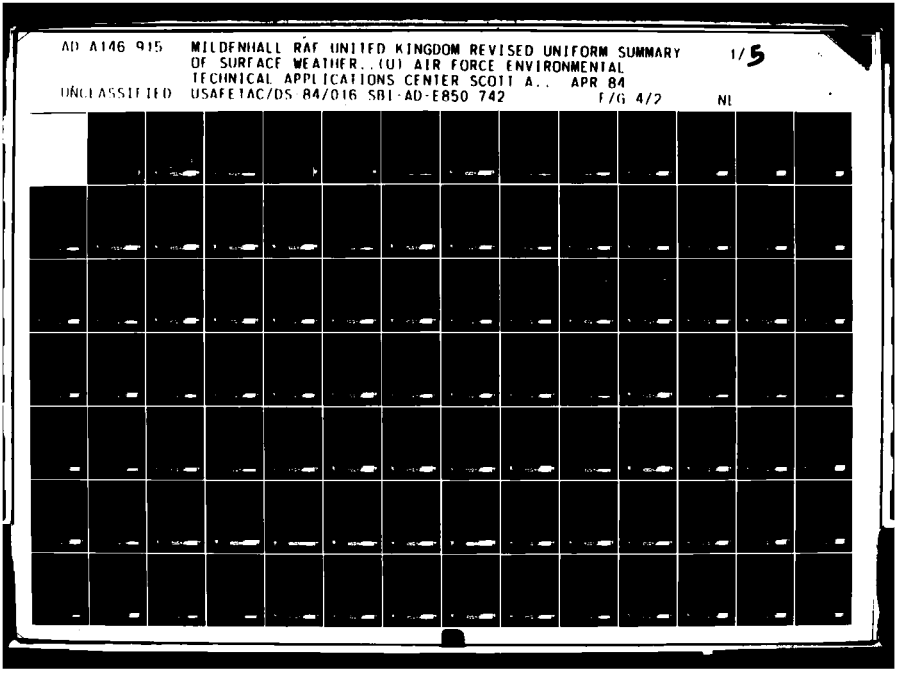
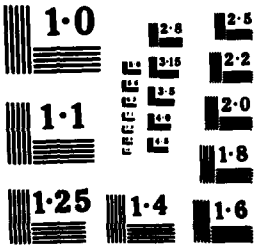
AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84 1/5

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




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(1)

UK035771

AD-A146 915

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

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

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

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

TIME CONVERSION GMT TO LST: 0

23 APR 1984

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

Wayne E. McCollom

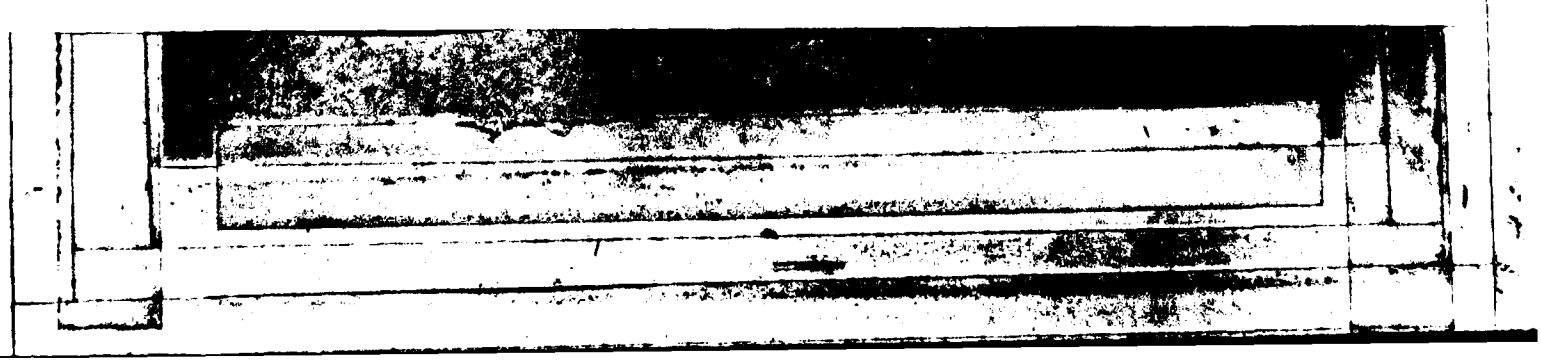
WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

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

18. SUPPLEMENTARY NOTES

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

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

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

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

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

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

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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

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

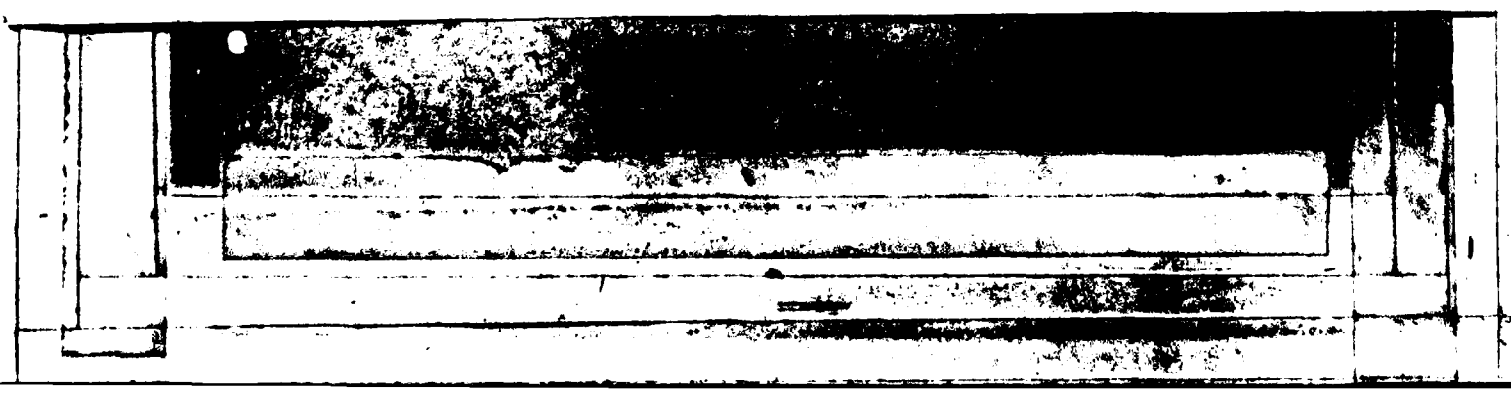
STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
035771	MILDENHALL RAF STN ENGLAND	N 52 22	E 000 29	33	EGUN	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Mildenhall, England	RAF	Jul 51	Mar 54	N 52 22	E 000 28	38	32	24
2	Same	Same	Apr 54	Oct 54	Same	Same	38	27	24
3	Same	Same	Apr 56	Oct 56	Same	Same	43	59	9
4	Same	Same	Nov 56	Mar 57	Same	Same	Same	Same	24
5	Same	Same	Apr 57	Mar 60	N 52 22	E 000 29	Same	Same	24
6	Same	Same	Apr 60	Mar 64	Same	Same	40	Same	24
7	Same	Same	Apr 64	Nov 65	Same	Same	Same	Same	17-18
8	Same	Same	Dec 65	Jul 67	Same	Same	Same	Same	24
9	Same	Same	Aug 67	Nov 67	Same	Same	Same	57	24
10	Same	Same	Dec 67	Mar 69	Same	Same	Same	56	24
11	Same	Same	Apr 69	Dec 73	Same	Same	33	Same	24
12	Same	Same	Jan 74	Aug 78	Same	Same	Same	Same	24
13	Same	Same	Sep 78	Jan 84	Same	Same	Same	Same	24

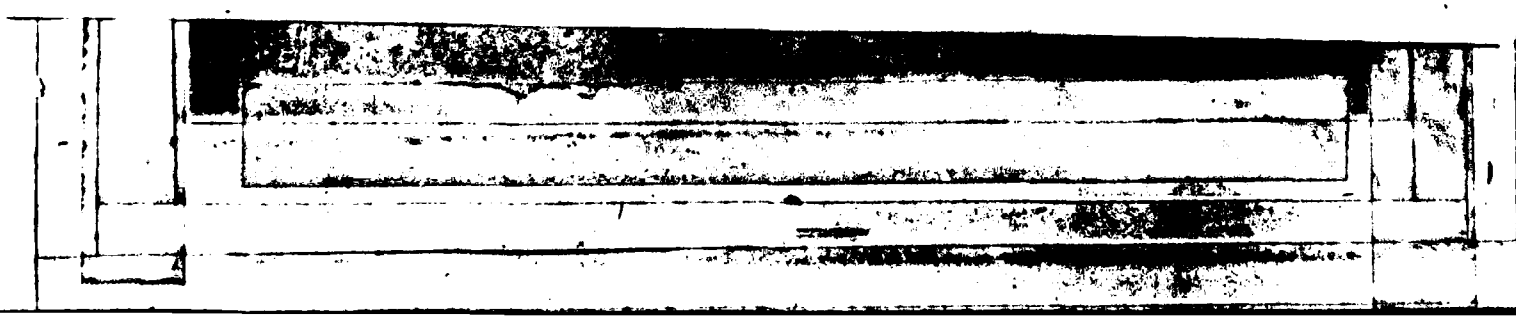
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 51	Located on top of bldg in which the wx stn was located	AN/GMQ-1	None	35 Ft	
2	Apr 54	Located on steel tower approx 10 ft from wx stn	Same	None	24 Ft	
3	May 56	Located on top of control tower	Same	None	60 Ft	
4	Apr 57	Located on top of the control tower	AN/GMQ-1	None	70 Ft	
5	Apr 58	Located 500 ft N of tower	Same	None	13 Ft	
6	Apr 59	Located 1500 Ft E of control tower, 500 ft N of rnwy 29/11	AN/GMQ-11	RO-2	15 Ft	
7	Apr 60	Located 885 yds E of control tower, along rnwy 29/11	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
8	Apr 69	Dual Instrumented				
		1. Rnwy 29, 500 ft from centerline, 1500 ft from end of rnwy	AN/GMQ-11	RO-2	13 Ft	
		2. Rnwy 11, 500 ft from centerline 150 ft from end of rnwy	AN/GMQ-20	RO-362	13 Ft	
9	Jan 71	Dual Instrumented				
		1. 500 ft from the centerline, 1124 ft from end of rnwy 29	AN/GMQ-20	RO-362	13 Ft	
		2. 500 ft from the centerline, 1564 ft from end of rnwy 11	AN/GMQ-20	RO-362	13 Ft	
10	Aug 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	
11	Jan 84	1. Same	Same	Same	Same	
		2. Same	Same			



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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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

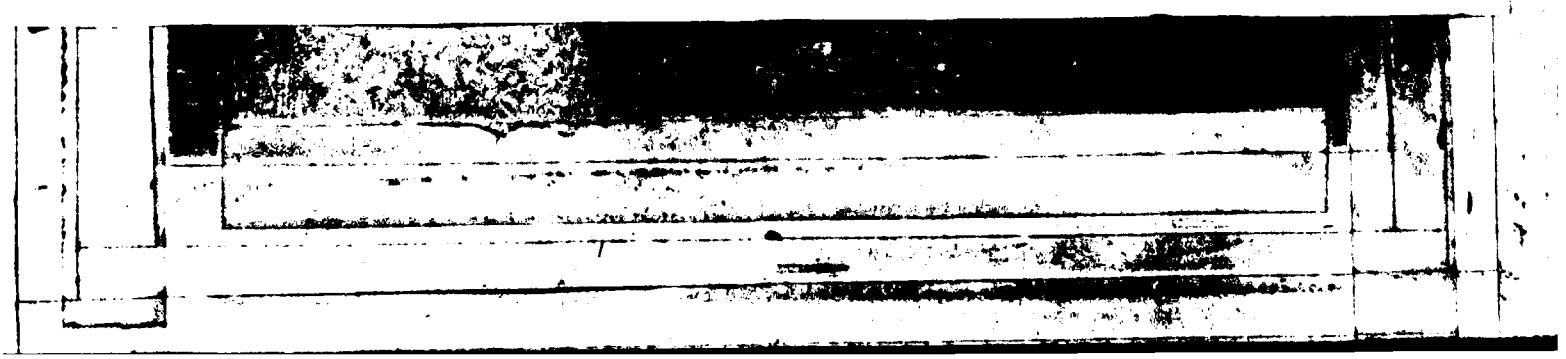
STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____



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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

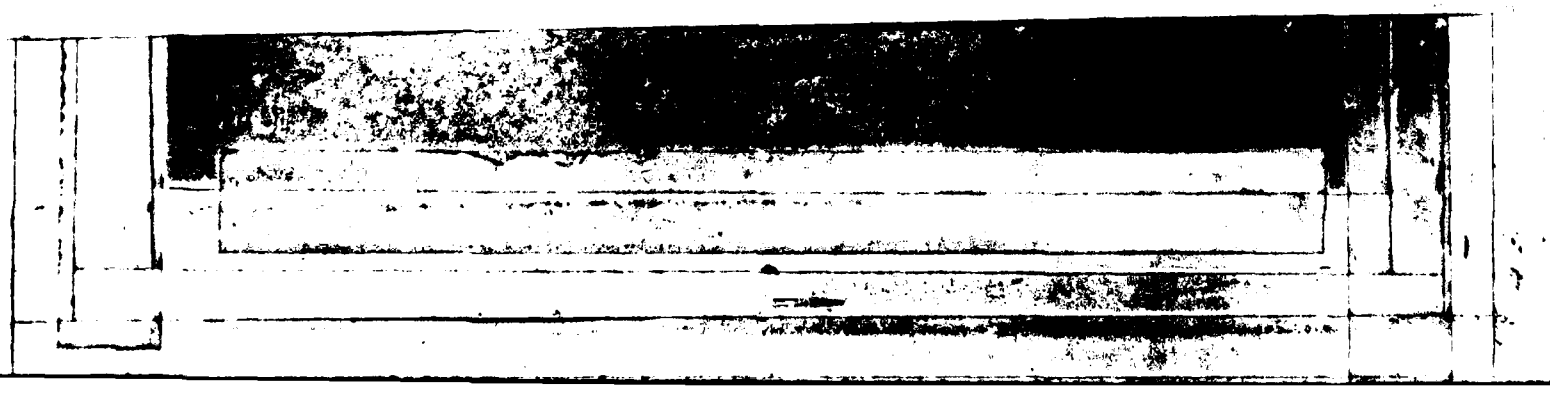
Fog - Included are fog, ice fog, and ground fog.

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

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

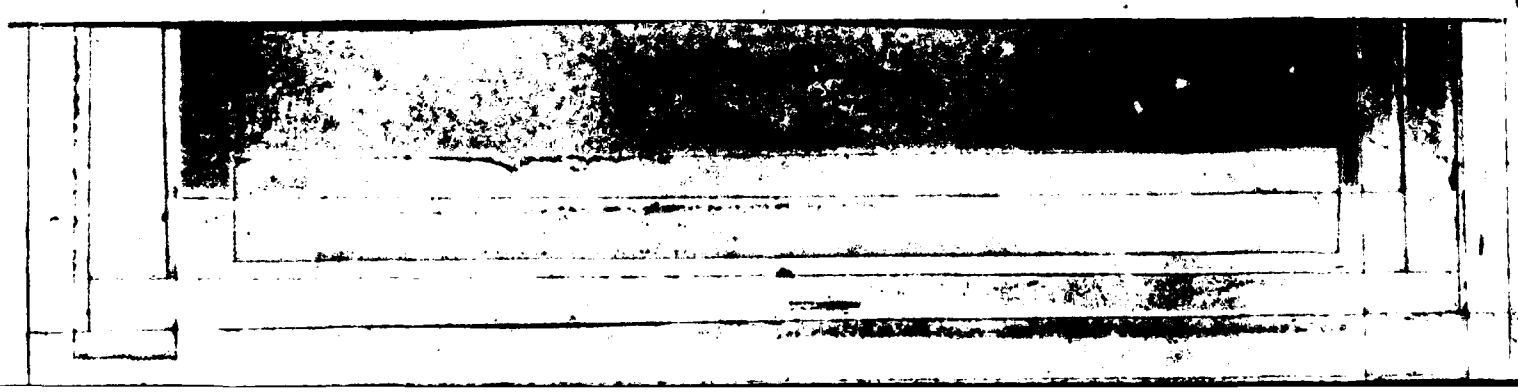
Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



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

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



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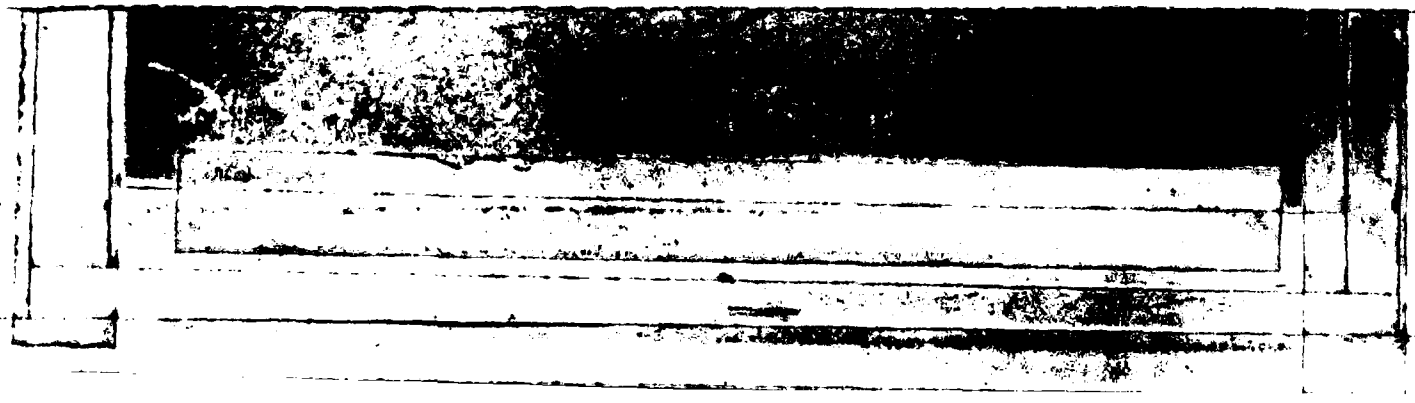
WEATHER CONDITIONS

03577	MILDENHALL RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR *DRIZZLE*	FREEZING RAIN & /OR *DRIZZLE*	SNOW AND/OR *SLEET*	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OI WITH TO VIS ST	TOTAL O. OF OBS.
JAN	00-02		12.0		1.6		13.0	21.8	11.6			33.4	930
	03-05	.1	12.6		2.5		14.8	20.3	10.3			30.6	930
	06-08		13.8		3.4	.1	16.5	19.8	10.4			30.2	930
	09-11		12.5	.3	4.4		16.2	17.0	14.8			31.8	930
	12-14		12.8	.2	5.3		17.0	11.6	14.9			26.6	930
	15-17		14.0	.1	3.5		16.5	13.2	17.8			31.1	930
	18-20		10.3		3.3		12.7	17.3	17.4			34.7	930
	21-23		9.8		2.4		11.5	20.4	13.1			33.5	930
TOTALS		.0	12.2	.1	3.3	.0	14.8	17.7	13.8			31.5	7440

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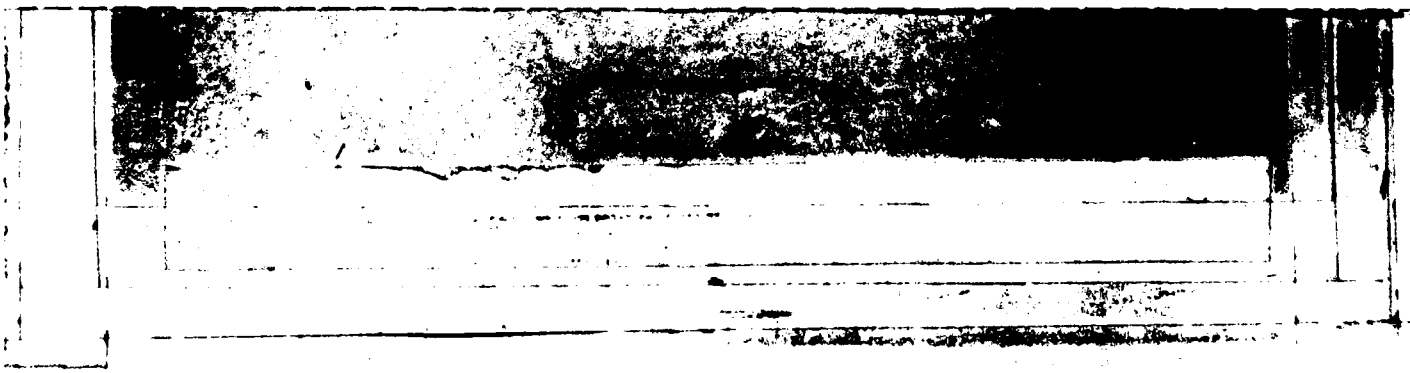
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WEATHER CONDITIONS

035771	MILDENHALL RAF UK	74-83	FEB
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.
FEB	00-02		11.2	.1	2.6		13.4	26.2	20.8			47.0	846
	03-05		11.1	.2	3.0		14.2	28.4	18.6			46.9	846
	06-08		10.3	.7	3.2		13.5	29.9	17.3			47.2	846
	09-11		9.3	.2	4.6		13.8	25.1	22.0	.1		47.2	846
	12-14		11.6		3.9		14.5	13.0	24.2			37.2	846
	15-17	.1	15.2		2.7	.1	18.1	10.6	25.3			35.9	846
	18-20	.1	14.3	.1	2.7		16.7	15.2	27.5			42.8	846
	21-23		11.8	.2	2.7		14.1	19.6	24.1			43.7	846
TOTALS		.0	11.9	.2	3.2	.0	14.8	21.0	22.5	.0		43.5	6768



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		15.1		.6		15.4	16.8	12.6			29.4	930
	03-05		15.2		2.2		16.5	21.0	11.3			32.3	930
	06-08		15.2		2.7		16.8	21.7	17.0			38.7	930
	09-11		17.1		3.4		18.6	13.3	18.5			31.8	930
	12-14	.4	18.7		1.7	.2	18.9	4.8	17.1		.1	22.0	930
	15-17	.4	17.6		1.1	.2	18.3	4.3	14.8			19.1	930
	18-20		18.2		.3		18.3	6.9	14.9			21.8	930
	21-23		16.5		.3		16.6	10.8	14.4			25.2	930
TOTALS		.1	16.6		1.5	.1	17.5	12.5	15.1		.0	27.5	7440

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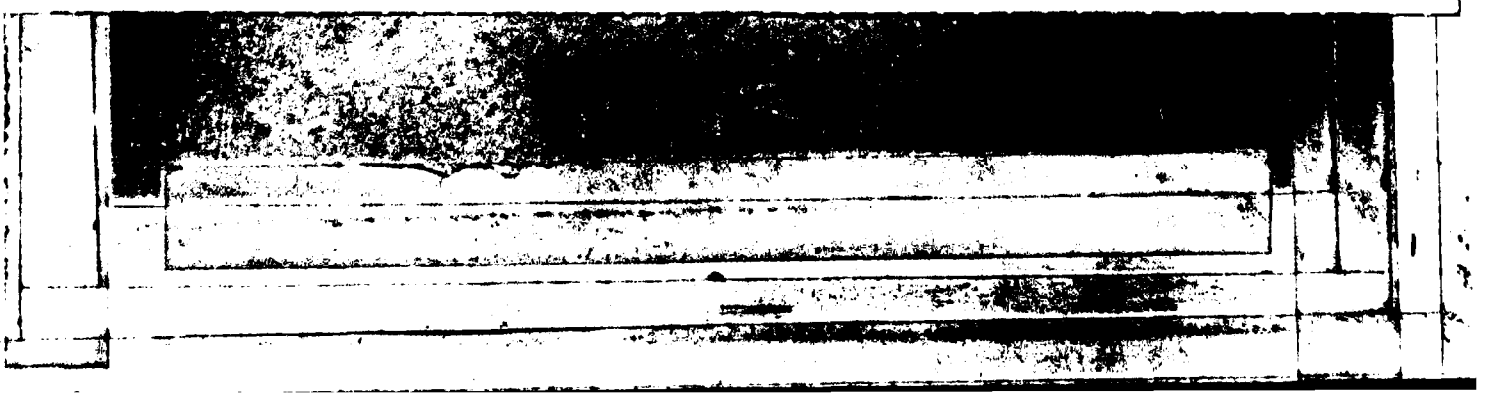
WEATHER CONDITIONS

03577	MILDENHALL RAF UK	74-83	APR
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.
APR	00-02		9.0		1.0		9.4	13.2	13.6			26.8	900
	03-05		11.8		.9		12.3	21.3	14.3			35.7	900
	06-08		13.8		1.0		14.3	21.2	19.9			41.1	900
	09-11		12.4		.6		12.7	7.7	16.1			23.8	900
	12-14		12.0		1.1	.1	12.7	2.4	10.8			13.2	900
	15-17	.4	12.8		1.1		13.2	1.1	9.1			10.2	900
	18-20	.3	12.1		.7		12.3	2.2	15.4			17.7	900
	21-23		9.4		1.4		10.1	6.3	15.0			21.3	900
TOTALS		.1	11.7		1.0	.0	12.1	9.4	14.3			23.7	7200

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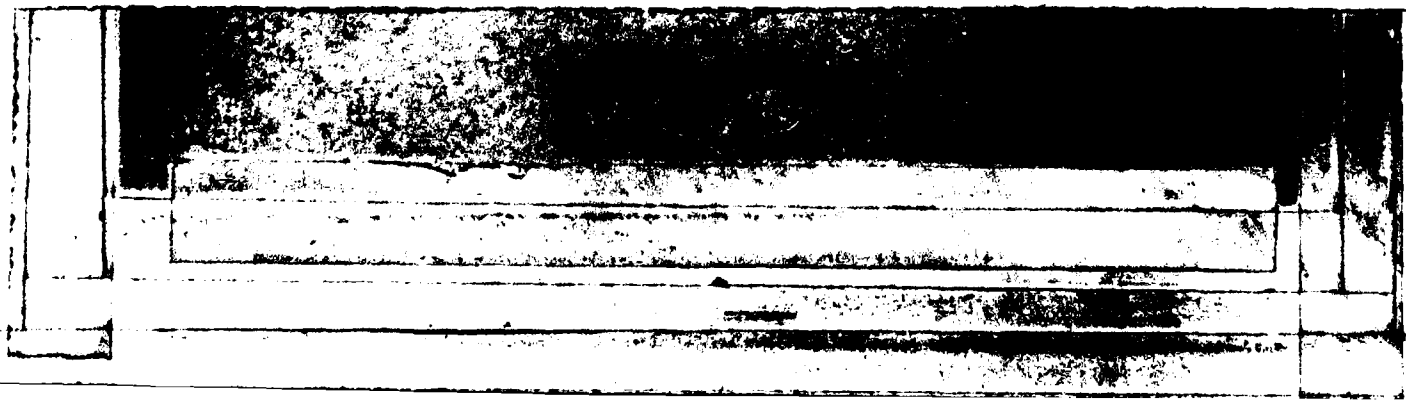
WEATHER CONDITIONS

03771 MILDENHALL RAF UK 74-83 MAY
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.
MAY	00-02	.2	10.6				10.6	14.1	10.8			24.8	930
	03-05		10.1				10.1	25.1	14.2			39.2	930
	06-08	.1	9.7		.2		9.7	19.8	18.6			38.4	930
	09-11	.2	9.4				9.4	5.1	14.2			19.2	930
	12-14	1.5	12.6				12.6	1.1	9.0			10.1	930
	15-17	1.5	13.8				13.8	1.0	7.8			8.8	930
	18-20	.5	8.7				8.7	3.0	12.2			15.2	930
	21-23	.2	10.1		.1		10.1	6.7	10.9			17.5	930
TOTALS		.5	10.6		.0		10.6	9.5	12.2			21.7	7440

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

C15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.8	9.0				9.0	12.0	12.7			24.7	900
	03-05	.6	10.9				10.9	25.4	16.3			41.8	900
	06-08	.4	9.0				9.0	16.4	19.2			35.7	900
	09-11	.1	7.9		.1		8.0	3.1	11.1			14.2	900
	12-14	2.0	8.8			.2	9.0	.4	6.0			6.4	900
	15-17	2.7	10.9				10.9	.3	5.4			5.8	900
	18-20	.9	7.7				7.7	1.2	9.0			10.2	900
	21-23	.4	8.8				8.8	4.6	12.9			17.4	900
TOTALS		1.0	9.1		.0	.0	9.2	7.9	11.6			19.5	7200

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



GLOBAL CLIMATOLOGY BRANCH
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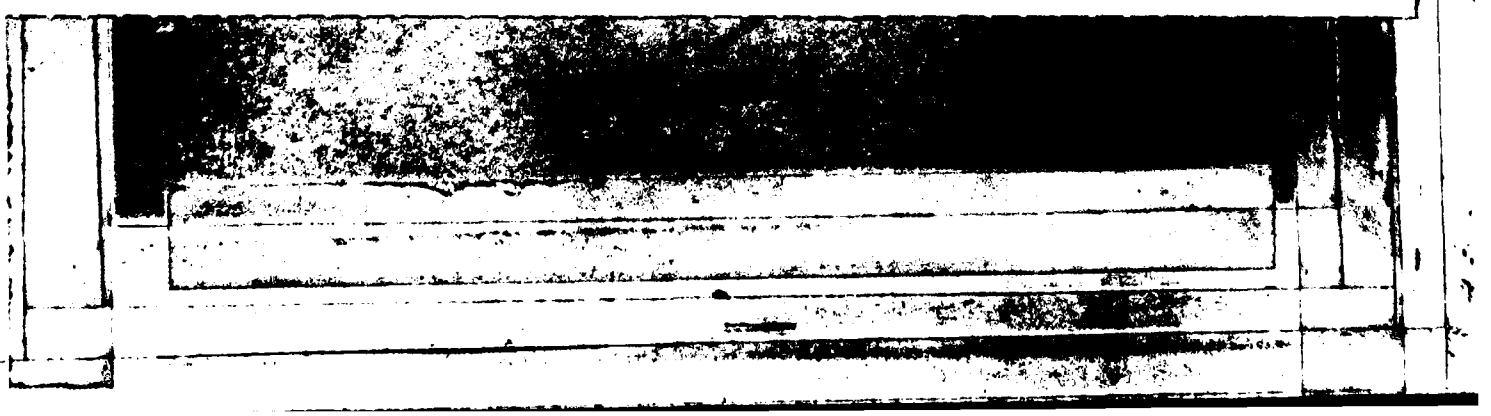
WEATHER CONDITIONS

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

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03771	MILDENHALL RAF UK	74-83	AUG
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.
AUG	00-02	.1	6.9				6.9	21.9	12.8			34.7	930
	03-05	.3	8.4				8.4	37.2	10.8			48.0	930
	06-08		7.8				7.8	31.0	16.7			47.6	930
	09-11	.2	8.2				8.2	6.5	14.1			20.5	930
	12-14	.5	8.6				8.6	2.3	8.7			11.0	930
	15-17	1.5	9.9				9.9	1.5	7.6			9.1	930
	18-20	1.4	7.2				7.2	3.2	13.5			16.8	930
	21-23	.3	7.1				7.1	9.7	15.4			25.1	930
TOTALS		.5	8.0				8.0	14.2	12.5			26.6	7440

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

25771	MILDENHALL RAF UK	74-8?	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

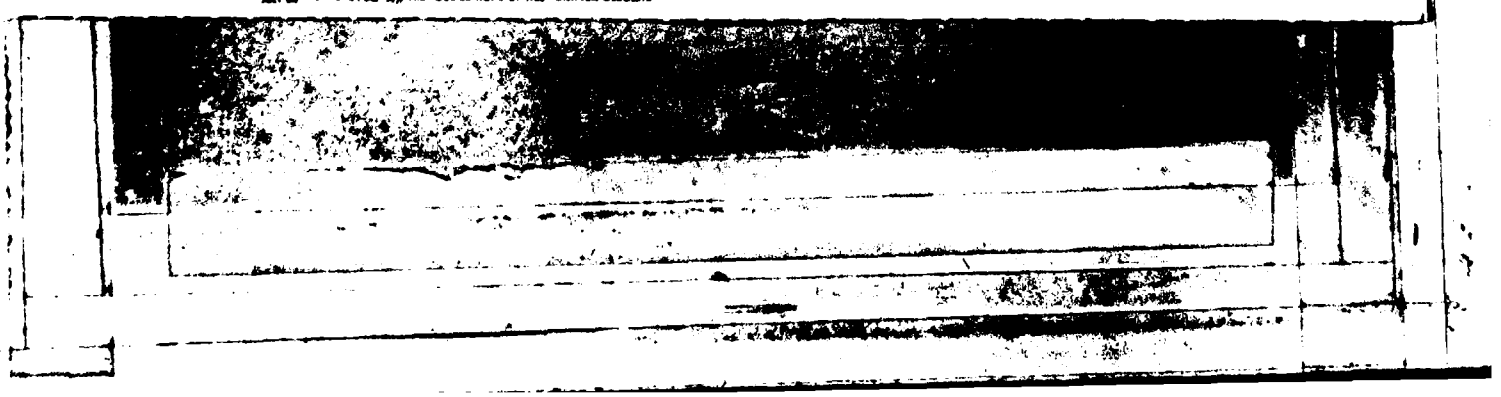
WEATHER CONDITIONS

03771 MILDENHALL RAF UK 74-83 OCT
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.
OCT	00-02		13.7				13.7	26.7	9.0			35.7	930
	03-05		12.6				12.6	32.6	8.0			40.6	929
	06-08		12.3				12.3	34.5	10.8			45.3	930
	09-11	.2	14.1		.2		14.1	16.7	15.2			31.8	930
	12-14	.1	12.3				12.3	6.3	11.3			17.6	930
	15-17	.3	14.7				14.7	4.6	14.1			18.7	930
	18-20		15.4				15.4	12.0	15.9			28.0	930
	21-23	.2	13.3				13.3	18.7	11.4			30.1	930
TOTALS		.1	13.6		.0		13.6	19.0	12.0			31.0	7439

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035771	MILDENHALL RAF UK	74-83	NOV
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.
NOV	00-02		10.6		.4		11.0	21.7	12.6			34.2	900
	03-05		12.3		.9		13.0	23.1	10.4			33.6	900
	06-08		15.2		1.1		16.1	24.3	7.4			31.8	900
	09-11		16.4		1.0		17.1	19.2	12.4			31.7	900
	12-14		15.1		.4		15.4	12.4	12.0			24.4	900
	15-17		15.8		.3		16.1	12.6	14.8			27.3	900
	18-20		11.2				11.2	16.3	15.4			31.8	900
	21-23	.1	9.4		.6		9.8	20.7	15.8			36.4	900
TOTALS		.0	13.3		.6		13.7	18.8	12.6			31.4	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03771	MILDENHALL RAF UK	73-83	ALL
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	ALL	.0	12.2	.1	3.3	.0	14.8	17.7	13.8			31.5	7440
FEB		.0	11.9	.2	3.2	.0	14.8	21.0	22.5	.0		43.5	6768
MAR		.1	16.6		1.5	.1	17.5	12.5	15.1		.0	27.5	7440
APR		.1	11.7		1.0	.0	12.1	9.4	14.3			23.7	7200
MAY		.5	10.6		.0		10.6	9.5	12.2			21.7	7440
JUN		1.0	9.1		.0	.0	9.2	7.9	11.6			19.5	7200
JUL		.6	7.1				7.1	8.3	11.1			19.3	7440
AUG		.5	8.0				8.0	14.2	12.5			26.6	7440
SEP		.3	9.4				9.4	11.7	14.6			26.3	7200
OCT		.1	13.6		.0		13.6	19.0	12.0			31.0	7439
NOV		.0	13.3		.6		13.7	18.8	12.6			31.4	7200
DEC		.0	11.7		2.1		13.1	22.4	12.6			34.9	7440
TOTALS		.3	11.3	.0	1.0	.0	12.0	14.4	13.7	.0	.0	28.1	87647

PART A ATMOSPHERIC PHENOMENA

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

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

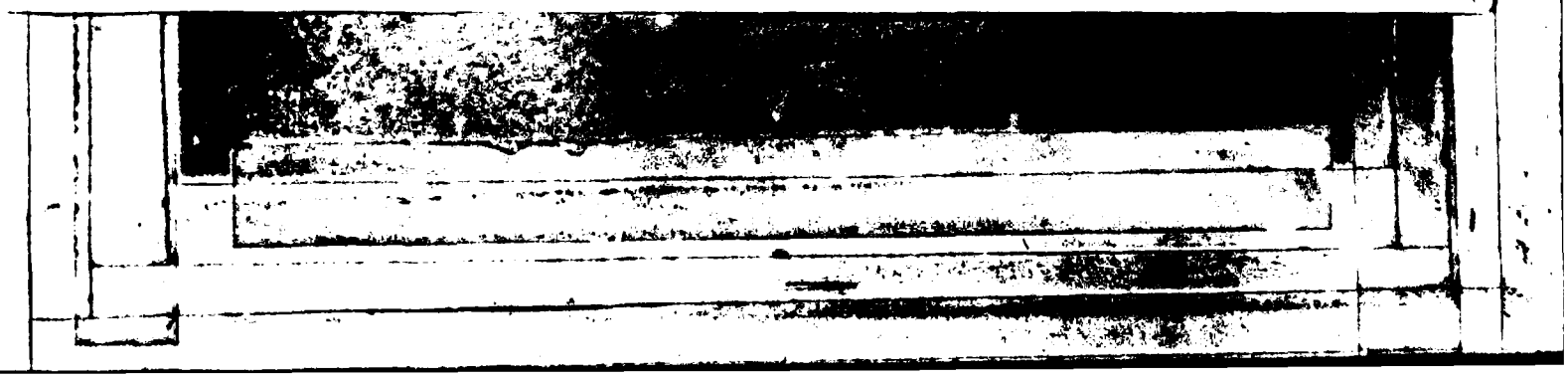
A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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

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

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

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



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

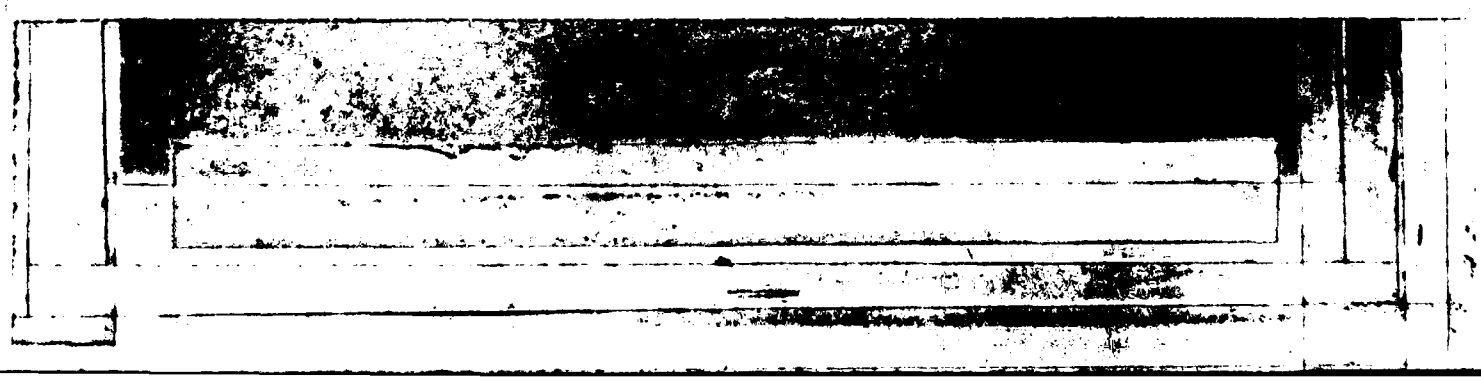
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

[redacted] | [redacted] | [redacted] | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	[illegible]	1.1	19.1	.3	[illegible]	[illegible]	[illegible]	.3		[illegible]	[illegible]
FEB		.3	56.	.6	[illegible]	.7	64.1	[illegible]	31.3	.6		[illegible]	[illegible]
MAR		2.1	[illegible]		12.6	2.1	[illegible]	46.[illegible]	73.[illegible]		.2	[illegible]	[illegible]
APR		1.1	62.2		6.7	2.7	62.6	37.5	71.3			75.6	[illegible]
MAY		2.8	[illegible]		.3	1.2	[illegible]	38.1	74.1			74.6	935
JUN		1.[illegible]	[illegible]		.1	.3	53.7	36.1	66.7			71.6	[illegible]
JUL		3.3	56.2			.5	56.2	39.7	71.4			75.8	[illegible]
AUG		1.8	56.1			.6	56.1	42.3	75.7			80.2	[illegible]
SEP		.4	56.[illegible]				56.	42.3	73.3			79.2	[illegible]
OCT		1.4	55.[illegible]		.1	.2	55.3	41.9	74.3			83.4	984
NOV		.6	67.[illegible]	.1	4.2	.5	67.9	56.3	72.8			81.1	[illegible]
DEC		.1	63.3	.7	[illegible]	.4	63.1	58.1	71.1	.2		84.1	[illegible]
TOTALS		4.3	[illegible]	.2	6.3	.4	[illegible]	48.8	73.2	.1	.0	79.8	[illegible]

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



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

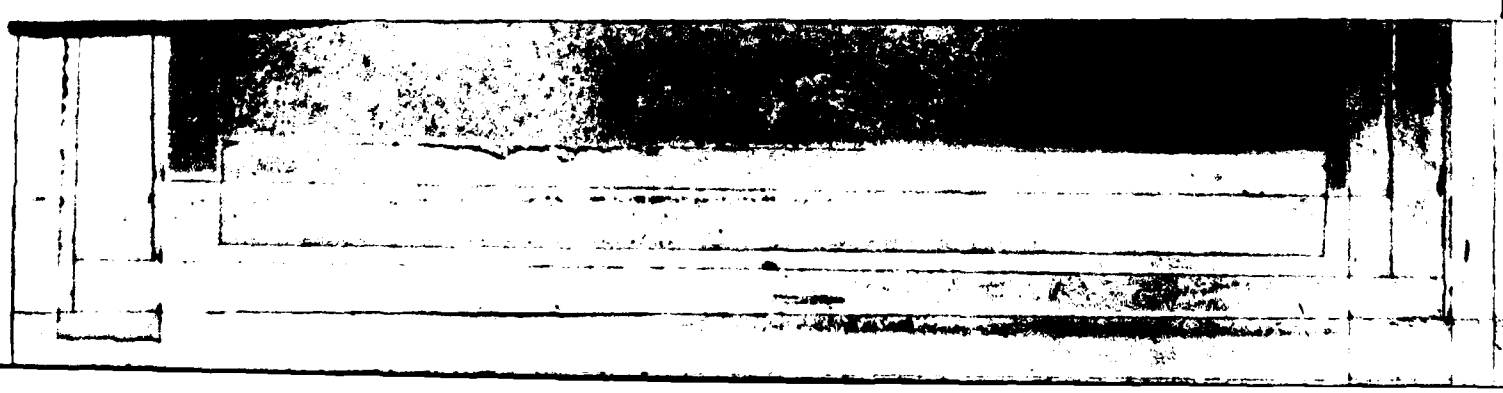


NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that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

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

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

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

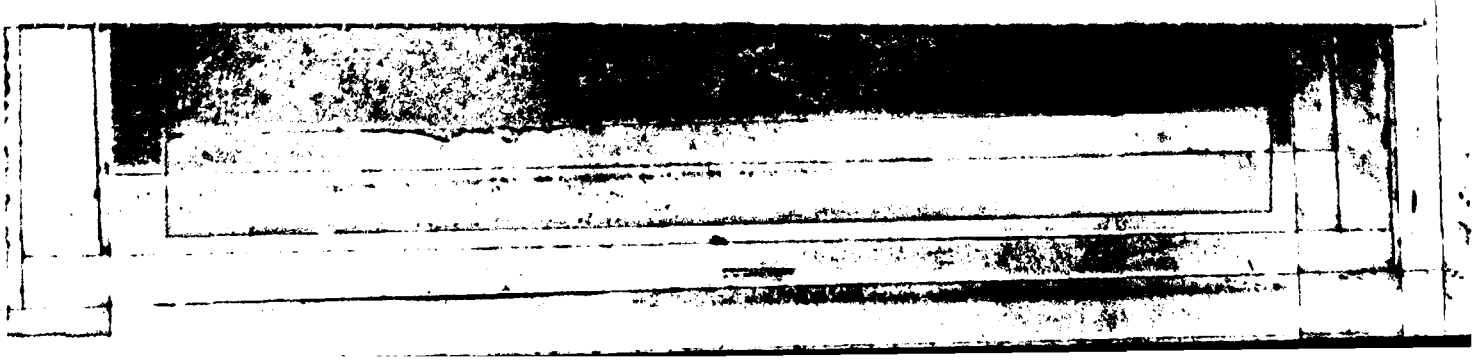
PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

035771 MILDENHALL RAF UK 50-54, 56-83

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	30.5	20.8	5.8	16.2	10.2	11.1	4.2	1.1	.1					48.7	958	1.75	3.74	.41
FEB	35.0	22.2	5.0	13.3	8.5	10.0	4.7	1.3	.1					42.8	874	1.52	3.51	.10
MAR	33.4	20.4	5.5	14.1	9.6	10.8	4.9	1.3						46.1	960	1.68	3.52	.28
APR	36.2	21.1	5.1	13.5	7.4	10.9	4.8	.9	.1					42.7	930	1.53	3.38	.07
MAY	37.7	19.2	6.2	12.0	7.5	10.9	4.6	1.7	.3					43.1	937	2.01	4.49	.05
JUN	45.4	18.3	5.0	10.2	4.6	7.8	4.6	3.6	.5					36.3	929	2.05	4.52	.03
JUL	41.8	19.5	5.2	10.5	5.7	9.9	4.3	2.7	.4					38.7	976	2.04	4.23	.38
AUG	43.1	16.5	4.1	10.7	7.8	9.9	5.4	2.0	.4					40.4	988	1.98	5.15	.26
SEP	43.1	16.7	4.4	10.4	6.5	10.2	5.6	2.7	.3					40.2	958	1.97	4.96	.04
OCT	42.4	16.4	4.5	14.3	5.9	8.2	6.1	1.7	.5					41.2	961	1.92	4.85	.10
NOV	31.1	17.9	6.6	14.0	10.5	10.6	7.6	1.3	.5					51.0	956	2.24	5.24	.58
DEC	31.3	20.7	7.2	14.2	8.6	11.3	5.0	1.6	.1					48.0	961	1.87	3.75	.48
ANNUAL	37.6	19.1	5.4	12.8	7.7	10.1	5.1	1.8	.3					43.3	11388	22.56		

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

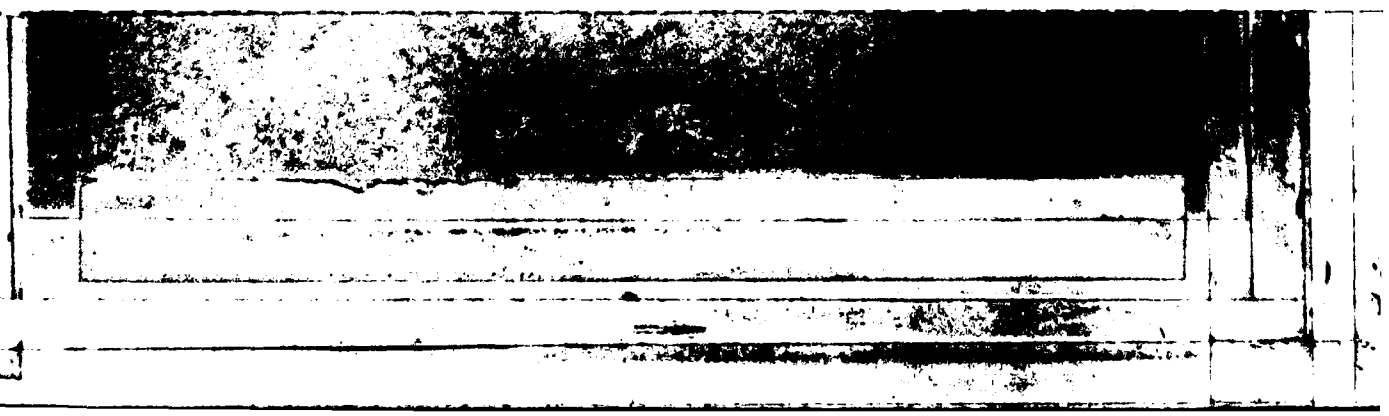
[redacted] STATION | ILDENHALL RAF, UK STATION NAME | 50-54, 56-83 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[redacted]							* .53	.46	.72	.16	.99	.35	
53	.42	.43	.56	.33	.52	.76	.35	.46	.62	.27	.86	.30	.76
57	.14	.13	.53	1.10	.35	.76	.32	.41	.42	.36	.43	.27	1.10
63	.16	.24	.12	.21	.19	.8[illegible]	.62	.35	.18	.8[illegible]	.39	.22	.8[illegible]
74	.20	.43	.58	.13	.52	.63	.73	.76	.34				
5[illegible]											.18	.93	
57	.71	.65	.25	.[illegible]2	.25	.85	1.18*	.77*	.96	.33*	.41	.64	1.18
58	.3[illegible]	1.33	.29	.27	2.3[illegible]	1.[illegible]9	.94	.53	.68	.[illegible]0	1.40	.45	2.30
59	.5[illegible]	.27	.35	.47	.63	.17	2.2[illegible]	.25	.[illegible]7	.87	.33	.76	2.20
[illegible]	.46	.23	.76	.13*	.05	1.63	.73	.72	.49	.55	1.12	.68	1.63
61	.20	.41	.18	.25	.41	.48	.49	.38	.42	.34	.41	.65	.65
62	.7[illegible]	.11	.31	.31	.67	.[illegible]2	.32	.43	.61	.[illegible]5	.24	.32	.82
63	.27	.22	.35	.3[illegible]	.61	.58	.99	.95	.58	.39	.35	.23	.99
64	.14	.55*	.76	.5[illegible]	.28	.8[illegible]*	.55	.79	.19	.22	.31	.74	.80
65	.7[illegible]	.12	.57	.43*	.42	.65*	.89	.43	.58	.15	.29	.56	* .89
66	.14	.33	.24	.29	.28	1.[illegible]7	.86	1.76	.59	1.14	.23	.56	1.76
67	.1[illegible]*	.33	.38	.57	.79	.69	.68	.35	.45	.68*	.46	.28	.79
68	.41	.26	.21	.30	.30	.89	.99*	.56	1.54	1.53*	.27	.42	1.54
69	.3[illegible]	.95	.31	.32	1.32	.62	1.33	.39	.02	.10	.63	.48	1.33
7[illegible]	.4[illegible]	.42	.33	.38	.44	.35	.5[illegible]	.46	.60	.32	1.12	.35	1.12
71	1.38	.18	.37	.44	.69	1.17	.93	.45	.17	.75	.51	.21	1.38
72	.64	.34	.36	.44*	.22*	.33	.21	.49	.31	.[illegible]2	.76	.4[illegible]	.76
73	.14	.39	.19	.44	.40	.90	1.27	.21	.59	.28	.27	.29	1.27
74	.31	.58	.19	.31	.11	.89	.49	.57	.72	.66	1.24	.36	1.24
75	.99	.24	.53	.41	.46	1.11	.65	.09	1.94	.10	.51	.47	1.94
76	.82	.49	.34	.27	.65	.47	.15	.63	.57	1.20	1.29	.38	1.29
77	.92	.57	.36	.53	.4[illegible]	.68	.33	1.[illegible]7	.56	.[illegible]0	.42	1.32	1.32
78	.94	.75	.82	.48	2.[illegible]4	.6[illegible]	.66	.45	.6[illegible]	.12	.36	.68	2.[illegible]4
79	.3[illegible]	.55	.51	.28	.46	.41	.45	.59	.25	.41	.45	.79	.79
8[illegible]	.62	.62	.70	.40	.36	.94	.95	.83	.46	.46	.40	.49	.95
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-80-5 (OL-A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

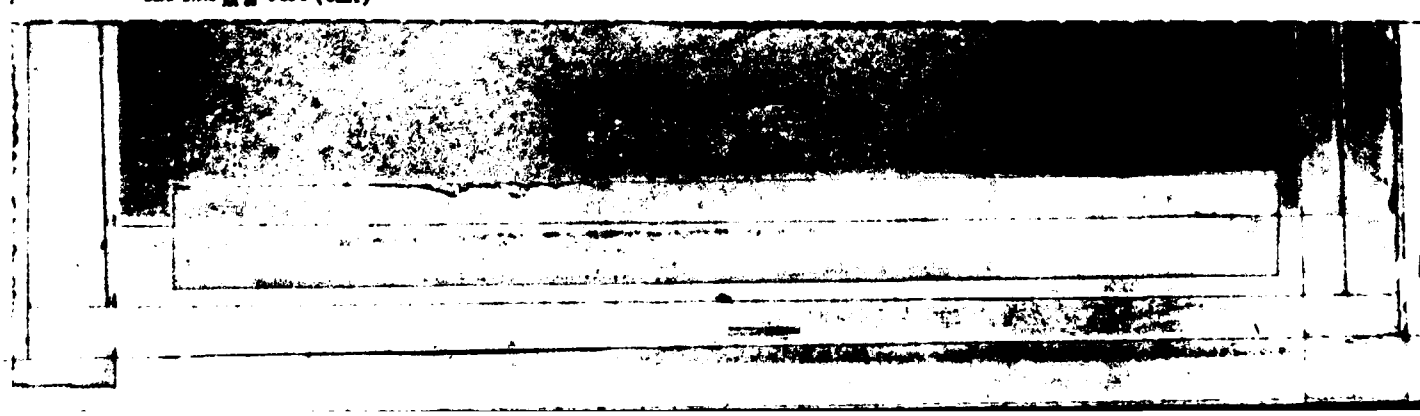
[illegible] WILDENHALL RAF UK [illegible]-54, 56-83
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	.[illegible]	.12	.55	.62	.49	.24*	.5[illegible]	1.52	.39	1.52	.3[illegible]	.38	1.52
[illegible]	.43	.18	.42	.29	.88	.76	.63	.57	.8[illegible]	1.11	.5[illegible]	.64	1.11
[illegible]	.26	.35	.26	.64	.79	.70	.50	.69	.53	.31	.58		
MEAN	.463	.426	.400	.383	.629	.723	.743	.672	.549	.545	.568	.503	1.273
S.D	.213	.285	.182	.202	.501	.324	.417	.354	.377	.414	.353	.242	.489
TOTAL OBS.	958	874	96[illegible]	93[illegible]	937	929	976	988	958	961	956	961	11388

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-80-6 (OLA)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

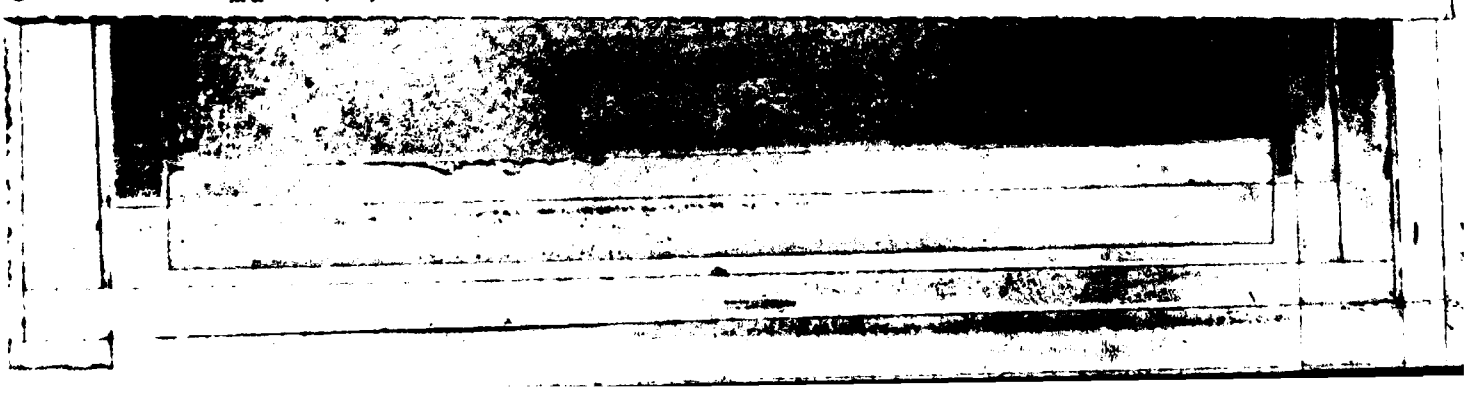
[redacted] WILDENRATH RAF [redacted] STATION NAME [redacted] YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]							* 1.56	2.37	2.72	.54	4.32	1.75	
[redacted]	2.21	2.72	3.52	3.38	2.29	1.42	.84	2.50	2.11	.90	2.31	1.22	25.47
[redacted]	1.13	.44	1.77	1.68	1.39	1.26	.64	1.83	1.88	2.46	2.50	1.20	18.25
[redacted]	.65	.76	.28	1.12	.52	2.15	2.94	1.43	.81	1.73	1.19	.48	14.07
[redacted]	.84	1.56	2.39	.34	2.19	1.54	2.72	3.63	1.24				
[redacted]											.58	2.74	
[redacted]	1.43	2.38	1.63	.77	.93	2.19	2.54*	2.04*	3.81	.94*	.69	1.36	*22.01
[redacted]	1.23	3.51	.6	.54	.49	3.70	3.25	2.28	2.72	1.54	2.23	2.58	28.67
[redacted]	2.43	.13	1.77	2.16	.97	.91	3.72	.76	.07	1.82	1.53	2.95	19.07
[redacted]	2.31	.85	1.31	.48*	.75	2.94	3.02	2.37	2.73	2.98	3.35	2.01	*25.36
[redacted]	1.99	1.60	.31	1.39	.85	1.72	1.78	1.91	2.37	2.11	1.41	2.83	19.46
[redacted]	1.64	.50	1.14	1.34	1.94	.73	2.24	1.72	3.53	1.22	1.28	1.34	18.22
[redacted]	.33	.79	1.86	1.32	1.92	1.73	1.84	2.37	1.64	1.32	2.05	.91	19.33
[redacted]	1.24	1.31*	2.27	1.89	1.06	3.95*	1.78	1.67	.54	1.37	1.21	1.91	*22.00
[redacted]	1.86	.55	2.22	1.63*	1.37	2.93*	2.00	1.81	2.66	.40	1.60	3.21	*23.07
[redacted]	.79	1.84	.57	2.12	1.29	2.58	3.37	2.13	1.00	3.43	1.80	2.87	*24.61
[redacted]	.61*	1.39	.84	2.37	2.67	.83	1.44	1.29	1.51	3.64*	1.85	1.35	*20.86
[redacted]	1.31	.61	.72	1.20	1.17	3.17	3.16*	3.57	4.96	2.66*	1.15	1.19	*24.91
[redacted]	1.63	2.49	1.58	1.44	2.11	1.57	2.35	1.51	.74	.17	2.65	2.70	21.54
[redacted]	1.96	1.95	1.22	2.12	.99	.79	1.91	1.31	1.45	1.18	5.24	1.82	21.92
[redacted]	3.74	.52	.85	.87	1.69	3.37	1.31	1.62	.49	2.63	2.74	.77	20.60
[redacted]	2.14	1.41	1.62	1.77*	1.12*	.81	1.74	.97	.90	.10	2.21	1.28	*15.37
[redacted]	.41	.84	.62	2.72	2.45	2.57	3.75	.60	3.54	1.15	1.25	1.31	19.81
[redacted]	1.66	2.29	.92	.52	.74	2.88	1.71	2.31	3.25	4.37	4.56	1.77	26.18
[redacted]	2.08	.79	3.39	2.39	1.88	1.63	1.68	.26	3.89	.40	2.00	1.33	21.71
[redacted]	2.23	.92	.65	.61	2.22	.55	.38	1.43	2.79	4.53	3.42	2.24	22.00
[redacted]	2.83	3.51	2.48	2.24	1.99	2.09	.63	5.15	.91	.90	2.72	3.43	28.88
[redacted]	3.39	3.75	3.02	1.77	2.92	2.49	2.47	2.24	1.66	.45	1.35	3.75	28.53
[redacted]	1.66	1.97	3.29	1.43	3.72	1.44	.98	2.27	.81	1.40	2.08	3.72	23.97
[redacted]	1.69	3.08	3.22	.92	.59	3.58	4.23	2.78	1.75	1.98	2.09	1.48	26.65
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-8 (OLA)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] STATION [illegible] MILDENHALL RAF LK STATION NAME 50-54, 56-57 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

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

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-8-6 (OLA)

[redacted]

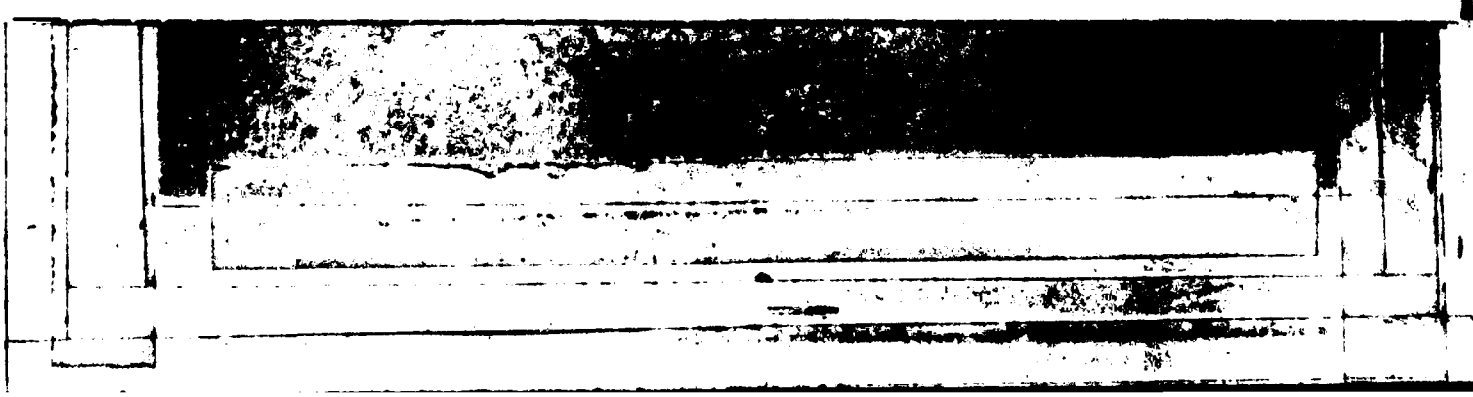
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

035771 (STATION) MILDENHALL RAF UK (STATION NAME) 50-54, 56-83 (YEARS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] 71 STATION [illegible]LDENHALL RAF UK STATION NAME [illegible]-74, 56-87 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]												2.1	
[illegible]	1.3	TRACE	TRACE	TRACE								TRACE	1.3
[illegible]	TRACE	.2	1.0	TRACE							.8	1.0	1.0
[illegible]		1.1											1.1
[illegible]4	1.0	TRACE	5.0	TRACE									
5											TRACE	1.6	
[illegible]7	TRACE	TRACE							TRACE				TRACE
[illegible]8	TRACE	6.3	TRACE	TRACE								.1	6.3
[illegible]											TRACE		1.0
[illegible]	4.7	.9										TRACE	4.7
[illegible]1	TRACE	TRACE	TRACE									5.3	5.3
[illegible]	1.0	.8	.0	TRACE							.3	1.8	1.8
[illegible]7	1.1	2.2	TRACE	TRACE								.1	2.2
[illegible]4	2.1	.3	.3										
[illegible]5			1.1	TRACE*							*TRACE	TRACE	
[illegible]6	.2	*TRACE	TRACE	TRACE								TRACE	* .5
[illegible]7	.0	.0	TRACE	TRACE	TRACE						.0	.5	1.0
[illegible]8	3.2	TRACE	TRACE	TRACE							TRACE	2.4	3.2
[illegible]9	TRACE	6.5	.1	TRACE							6.5	2.[illegible]	6.5
[illegible]		2.5	1.6	TRACE							TRACE	1.8	3.5
[illegible]1		TRACE	.3								.7	.1	.7
[illegible]2	.4	.1	*TRACE										.4
[illegible]3		TRACE	TRACE	TRACE							.5		.5
[illegible]4		TRACE	TRACE							TRACE		.1	.1
[illegible]5		.0	1.5	1.0		TRACE							1.5
[illegible]6	8.[illegible]	TRACE	.6									1.1	8.2
[illegible]7	[illegible]	.2	3.2	.5							TRACE	TRACE	3.2
[illegible]8	2.[illegible]	5.3	3.6	1.6							3.0	1.1	5.[illegible]
[illegible]9	6.[illegible]	2.0	TRACE	TRACE	TRACE							1.4	6.[illegible]
[illegible]0		TRACE	TRACE								3.9	.4	3.9
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] STATION | WILDENHALL RAF UK STATION NAME | 55-34, 56-87 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	.5	.2	TRACE	TRACE	.[illegible]	.[illegible]	.[illegible]	.0	.[illegible]	.[illegible]	.0	2.7	2.7
[illegible]	.4	TRACE	TRACE	TRACE	.[illegible]	.[illegible]	.[illegible]	.0	.[illegible]	.[illegible]	.0	TRACE	.4
[illegible]	.4	1.3	TRACE	.6	.[illegible]	.[illegible]	.[illegible]	.0	.[illegible]	.[illegible]	.0		
MEAN	1.3	1.7	.67	.12	TRACE	TRACE	.[illegible]0	.00	TRACE	TRACE	.52	.45	2.94
S.D.	1.935	1.888	1.277	.358	.[illegible]0C	.[illegible]0C	.000	.000	.000	.000	1.435	1.212	[illegible].337
TOTAL OBS.	925	846	958	900	924	87[illegible]	917	93[illegible]	900	899	901	93C	11,900

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-80-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] MILDENHALL RAF UK — 56-84, 56-87
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
[illegible]												3.5	
[illegible]	1.8	TRACE	TRACE	TRACE							.0	TRACE	1.8
[illegible]	TRACE	.2	1.7	TRACE							.8	1.0	3.7
[illegible]	[illegible]	2.0											4.0
[illegible]	1.8	TRACE	6.2	TRACE									
[illegible]											TRACE	1.0	
[illegible]	TRACE	TRACE							TRACE		.0	.0	TRACE
[illegible]	TRACE	14.4	TRACE	TRACE							.0	.1	14.5
[illegible]	1.1	.0									TRACE	.0	1.4
[illegible]	5.1	1.3	.0								.0	TRACE	6.4
[illegible]	TRACE	TRACE	TRACE								.0	6.9	6.9
[illegible]	[illegible]	1.2	.5	TRACE							.3	2.9	6.7
[illegible]	5.7	7.0	TRACE	TRACE							.0	.1	12.8
[illegible]	2.[illegible]	.3*	.3										
[illegible]			4.0	TRACE*							*TRACE	TRACE	
[illegible]	.7	*TRACE	TRACE	TRACE							.0	TRACE	* .7
[illegible]	1.2	.0	*TRACE	TRACE	TRACE						.0	1.2	* 3.4
[illegible]	5.7	TRACE	TRACE	TRACE							TRACE	1.4	9.1
[illegible]	TRACE	13.8	.1	TRACE							6.7	3.4	28.0
[illegible]	1.[illegible]	6.2	2.3	TRACE							TRACE	2.4	11.9
[illegible]	[illegible]	TRACE	.3								1.0	.2	1.7
[illegible]	.4	.1	*TRACE										* .5
[illegible]	[illegible]	TRACE	TRACE	TRACE							.5	[illegible]	.7
[illegible]	[illegible]	TRACE	TRACE							TRACE		.1	.1
[illegible]	[illegible]	.3	4.2	2.3		TRACE							7.0
[illegible]	10.2	TRACE	.8									1.1	11.9
[illegible]	2.[illegible]	.2	3.2	.8							TRACE	TRACE	6.8
[illegible]	3.4	3.3	3.6	1.9							3.0	1.5	21.7
[illegible]	10.7	4.7	TRACE	TRACE	TRACE						.0	2.4	17.8
[illegible]	[illegible]	TRACE	TRACE								6.8	.5	7.4
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-80-6 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

[redacted] WILDENHALL RAF UK [redacted] YEARS
STATION STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]	1.1	.2	TRACE	TRACE	.1	.0	.0	.1	.1	.2	.2	3.2	9.4
[redacted]	.7	TRACE	TRACE	TRACE	.2	.0	.0	.0	.0	.2	.0	TRACE	.7
[redacted]	.4	2.3	TRACE	.6	.2	.0	.1	.0	.0	.0	.3		
MEAN	1.11	2.16	.96	.19	TRACE	TRACE	.00	.00	TRACE	TRACE	.64	1.35	7.85
S.D.	2.832	4.326	1.776	.553	.000	.000	.000	.000	.000	.000	1.761	2.070	6.710
TOTAL OBS.	925	846	958	930	924	870	917	930	900	899	901	930	10900

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-804 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

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

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			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	86.6	6.1	4.7	.3	.9	1.2	.1							7.3	896			
FEB	87.4	6.6	2.8	1.2	.9	1.1								6.0	818			
MAR	98.4	1.2	.2			.1								.3	894			
APR	100.0														870			
MAY	100.0														893			
JUN	100.0														870			
JUL	100.0														930			
AUG	100.0														953			
SEP	100.0														919			
OCT	100.0														922			
NOV	98.0	.9	.2	.2	.2	.3								1.0	868			
DEC	93.2	3.0	2.4	.9	.3	.1								3.8	898			
ANNUAL	97.0	1.5	.9	.2	.2	.2	.0							1.5	10731			

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

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

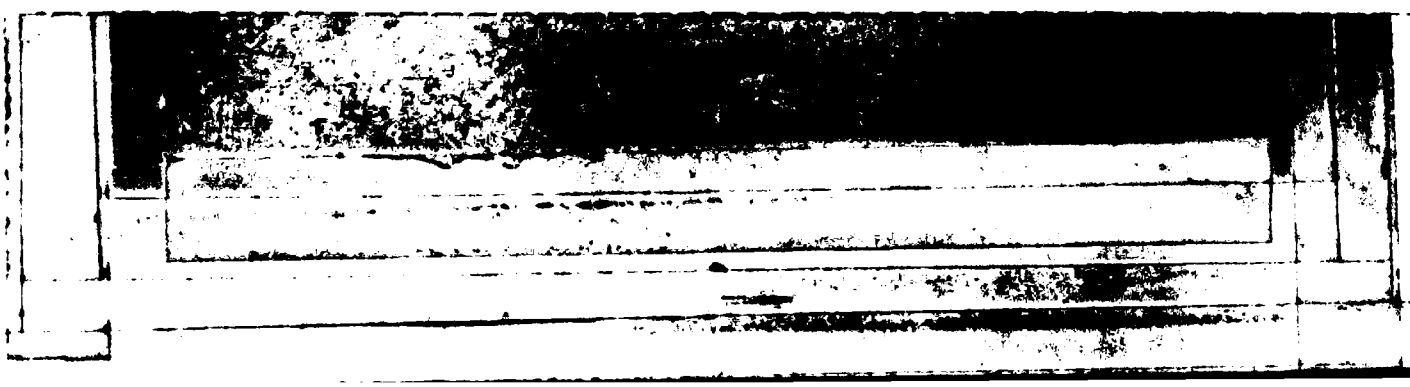
[illegible]71 STATION [illegible]ILDENHALL RAF [illegible]K STATION NAME [illegible]2-54, 56-83 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]											TRACE	TRACE	
53		1									0		1
54		TRACE	TRACE										
55								*	*	*	0	1	
56											0	0	
57	TRAC	6									0	TRACE	6
58													
[illegible]													
[illegible]		2									0	2	2
[illegible]		1									TRACE	2	3
[illegible]		3	TRACE								0	TRACE	3
[illegible]													
[illegible]					*							0	
[illegible]												0	
65		1									0*	2	* 2
66	TRAC	6									6	3	6
67	TRAC	3									0	1	3
[illegible]		2*									0*	1	* 1
[illegible]		2*									0	0	2
[illegible]		1									1	TRACE	1
74		2									0	TRACE	TRACE
75	TRAC	2	TRACE								0	0	TRACE
76		2									0	TRACE	2
77		TRACE	TRACE								0	0	TRACE
78		3	4								3	1	4
79		5									0	0	5
80	TRAC	2									0	2	2
81	TRAC	3									0	4	4
82		1									0	0	1
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-0804 (OL-A)



...RAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

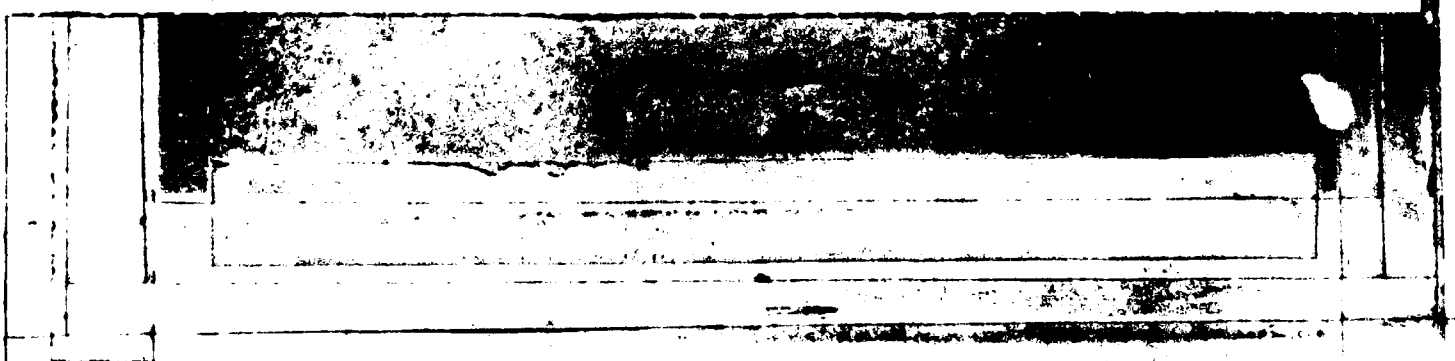
...71 — STATION
...ILDEN:ALL RAF LK — STATION NAME
...2-54, 56-83 — YEARS

DAILY SNOW DEPTH IN INCHES

YEAR / MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
...7	TRACE	TRACE											
MEAN	1.*	1.0	.2	.0	.0	.0	.0	.0	.0	.2	.5	.6	2.5
S D	1.840	1.880	.796	.000	.000	.000	.000	.000	.000	.000	1.427	1.769	2.274
TOTAL OBS	895	818	894	870	893	972	930	953	919	922	868	898	10731

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AWS 8-69-5 (OEA)



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

C

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

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

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

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

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

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

...L CLIMATOLOGY BRANCH
...ETAC
AT ...EATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

...7... STATION — ...LDENHALL RAF LK STATION NAME — 51-57 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								S *22	SW 33	NW 34	E 23	SW *23	
[illegible]	[illegible] 4[illegible]	28 SW	32 SW	34W	23	SS[illegible] [illegible]	33	S 24	WSW 27	W 40	SSE 39	SW 36	W 49
[illegible]	[illegible] 47	SW 33	34 SW	40	*23	W S[illegible]	32	S 33	W 23	N *33	NW 25	S 41	W 44
[illegible]	[illegible] S[illegible]	2[illegible] SW 45	N[illegible] 32 SW	30	SW 35	S 34	SW 31	WSW 42	SW 33	NNW 42	S[illegible] 40	SW 56	SW 56
[illegible]	[illegible] SW [illegible]	[illegible]	47	35 S	[illegible] 41	W 41	WSW 37	[illegible] 31	SS[illegible] 35	S 38	SW 39	N 36	WNW 53
[illegible]	[illegible]	47 SE	30 S	42 SSE	34W	33	WSW 35	S[illegible] 26	W 31	S[illegible] 31	SSW 23	WSW 46	S 37
[illegible]	[illegible]	3[illegible]	28 SE *39										E 47
[illegible]	[illegible]	[illegible] W	31 ENE *31								[illegible] NW *51	W 52	
[illegible]	[illegible]	3 SSW	36 W	34 NNE	29 S[illegible]	33	WNW 36	SW 32	SW 43	WSW 38	S 33	W 55	WSW 49
[illegible]	[illegible]	[illegible]	56 SS[illegible]	42 W	38 S	41	SW 33	S[illegible] 23	S[illegible] 25	WSW 40	W 49	W 40	WSW 34
[illegible]	[illegible] NW *4[illegible]		35 N	52 W	36 SS[illegible]	*25	SW 34	34* 45	34/ 37	25/ 37	21/ 28	12/ 35	16/ 33
[illegible]	1/ 46	6/ 36	24/ 34	28/ 44	31/ 32	1/ 28	27/ 30	1/ 31	24/ 39	29/ 32	25/ 45	8/ 34	14/ 46
[illegible]	12/ 35	24/ 49	27/ 36	23/ 38	29/ 37	16/ 36	27/ 39	23/ 41	22/ 37	28/ 42	25/ 42	6/ 34	24/ 49
[illegible]	24/ 33	2[illegible]/ 37	27/ 33	24/ 28	11/ 25	28/ 31	21/ 31	25/ 35	26/ 32	23/ 38	33/ 4[illegible]	21/ 49	21/ 49
[illegible]	21/ 52	15/ 34	23/ 39	28/ 36	25/ 41	27/ 29	5/ 3[illegible]	21/ 32	19/ 30	16/ 28	27/ 43	21/ 36	31/ 52
[illegible]	1/ 3[illegible]	25/ 42	31/ 32	32/ 54	31/ 44	27/ 25	29/ 32	28/ 36	35/ 30	29/ 34	30/ 34	1/ 42	32/ 54
[illegible]	24/ 58	2[illegible]/ 44	27/ 36	35/ 28	3[illegible]/ 31	27/ 38	28/ 37	26/ 30	23/ 46	29/ 35	30/ 40	30/ 47	24/ 58
[illegible]	23/ 55	21/ 29	3[illegible]/ 34	35/ 29	23/ 34	32/ 3[illegible]	22/ 3[illegible]	26/ 28	21/ 45	22/ 35	20/ 37	20/ 42	23/ 55
[illegible]	28/ 35	30/ 48	24/ 37	31/ 30	27/ 35	29/ 29	24/ 27	34/ 3[illegible]	31/ 41	23/ 42	19/ 41	16/ 37	28/ 65
[illegible]	32/ [illegible]0	23/ 38	24/ 38	27/ 50	6/ 35	30/ 33	27/ 29	21/ 31	24/ 33	19/ 36	25/ 53	24/ 63	24/ 63
[illegible]	1/ 5[illegible]	[illegible]/ 32	22/ 45	35/ 33	1/ 32	25/ 28	21/ 26	24/ 25	26/ 39	27/ 36	23/ 41	22/ 38	1/ 57
[illegible]	33/ 43	6/ 32	22/ 41	23/ 42	21/ 41	30/ 30	27/ 38	23/ 35	24/ 26	14/ 26	23/ 38	18/ 4[illegible]	33/ 43
[illegible]	1/ 44	22/ 36	9/ 32	34/ 34	6/ 27	21/ 32	1/ 30	25/ 31	26/ 33	23/ 42	8/ 39	29/ 36	15/ 44
[illegible]	26/ 43	24/ 44	32/ 43	4/ 35	22/ 32	22/ 31	24/ 29	5/ 26	25/ 43	24/ 43	28/ 43	13/ 39	24/ 44
[illegible]	9/ [illegible]9	20/ 32	26/ 49	24/ 4[illegible]	30/ 4[illegible]	24/ 29	24/ 3[illegible]	23/ 35	34/ 4[illegible]	33/ 3[illegible]	28/ 35	23/ 44	26/ 49
[illegible]	26/ 49	27/ 48	28/ 44	36/ 35	12/ 30	17/ 27	[illegible]/ 30	29/ 21	22/ 37	19/ 39	28/ 39		
MEAN	43.3	37.5	38.9	36.4	34.6	31.0	29.9	31.1	36.1	35.6	4[illegible].4	41.8	51.5
S.D.	9.717	8.137	6.678	6.748	5.343	3.831	3.707	5.911	5.391	6.255	5.664	8.57[illegible]	5.476
TOTAL OBS.	738	703	761	698	676	687	705	726	712	740	727	741	8608

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-8 (OEA)

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

[illegible]

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER — CLASS

000-[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9		.7	.4	.1	.1	.1				1.9	1.6
NNE	.	.6	.1	.1								1.3	3.5
NE	.	.3	.3	.1								.7	7.1
ENE	.	.3	1.0	.1	.1							1.5	8.6
E	.1	.6	.3	.2	.1							2.3	8.6
ESE	.	1.4	.4	.3								2.1	7.6
SE	.1	1.1	.1	.6	.1							3.2	7.8
SSE	.1	1.3	1.3	1.7	1.1							6.5	9.8
S	.1	2.3	3.8	4.4	.8	.1						12.7	9.5
SSW	.1	2.6	2.6	2.7	.9							10.3	8.6
SW	.1	.1	3.4	5.2	.6	.2	.1	.1				15.3	1 .6
WSW	.1	2.2	2.1	3.1	.6	.2						10.4	9.2
W	.1	2.3	2.8	3.4	.9		.2	.1				11.3	9.2
WNW	.1	1.1	1.0	1.1	.3		.1					3.5	9.1
NW	.1	.	1.4	.9	.3	.1						3.5	9.5
NNW	.1	.1	1.	1.0								2.2	8.7
VARBL			.1	.3								.4	11.5
CALM												1.	
	.1	23.5	23.	27.1	5.5	1.5	.4	.3				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.1	.1		.1	.2					1.6	9.5
NNE	.1	.6	.1									1.[illegible]	4.[illegible]
NE	.2	.9	.1									1.1	5.[illegible]
ENE	.1	.4	.6	.1								1.5	6.6
E	.1	.4	.6	.6	.1							[illegible].5	[illegible].[illegible]
ESE	.2	1.1	.3	.8								2.8	7.[illegible]
SE	.4	1.6	.6	.6	.1							3.4	7.5
SSE	.9	1.5	1.9	1.3	1.2	.3						6.8	10.[illegible]
S	1.2	3.0	2.4	3.0	.8	.3						11.6	9.5
SSW	.8	2.1	2.7	4.5	.9	.4						12.[illegible]	10.[illegible]
SW	1.1	3.2	5.5	4.3	.3	1.						15.2	9.8
WSW	1.2	2.5	2.6	3.7	.5	.3						11.8	9.[illegible]
W	.9	1.8	2.7	4.7	.6	.1						10.[illegible]	1[illegible].[illegible]
WNW	.1	1.	1.3	1.1			.2					3.9	9.8
NW	.2	.9	.9	.6								2.6	8.[illegible]
NNW	1.1	1.2	1.5	.8	.1							4.5	7.[illegible]
VARBL			.1	.4	.1	.3						.9	16.[illegible]
CALM												6.4	
	13.0	23.9	28.2	25.9	6.9	2.1	.4					100.[illegible]	8.6

TOTAL NUMBER OF OBSERVATIONS 933

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — STATION / STATION NAME
79-83 — 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	.7	1.7	.9	.1	.1							1.3	7.9
NNE	.5	.7										.9	3.3
NE	.4	.3	.1									1.0	4.4
ENE	.7	.4	.8	.6								2.2	8.0
E	.7	.4	.3	1.0								1.8	9.8
ESE	.6	.6	.6	.5								2.3	7.2
SE	.7	1.3	.6	1.1	.2	.1						4.5	8.1
SSE	.1	2.4	1.8	.5	.3	.1	.1					6.9	8.9
S	1.4	2.8	2.4	2.9	1.1							10.9	9.1
SSW	.9	2.6	3.1	3.5	1.4	.3						11.6	10.9
SW	1.1	2.9	4.7	4.0	.5	.8						14.1	10.1
WSW	1.1	1.9	3.3	5.7	.4	.3	.1					12.9	10.8
W	1.7	1.9	2.8	3.1	.4	.3	.1					9.5	10.1
WNW	.7	1.1	.6	1.0	.9							4.1	10.4
NW	.4	1.1	.2	.4	.3							2.5	7.9
NNW	.7	1.9	1.2	.9	.3							4.3	7.9
VARBL				.9	.2	.3						1.3	15.9
CALM												7.8	
	11.1	22.6	23.1	26.2	6.9	2.1	.3					100.2	8.3

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — 74-83 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0900-1100

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	.6	.2	.3	.1							1.7	6.2
NNE	.4	.4	.2	.1								1.4	4.9
NE	.1	.4	.3									.9	5.5
ENE		.1	1.1	.4								1.6	9.2
E	.1		.5	1.2	.1							2.1	11.3
ESE	.1	1.1	.8	.2								2.4	6.4
SE	.1	1.6	.9	.8	.5							4.3	8.3
SSE	.1	2.0	1.5	2.0	.6	.1						7.4	8.9
S	1.3	3.1	3.1	3.4	1.2	.5						13.1	9.5
SSW	.1	2.2	2.2	3.3	1.1	.3						9.4	10.8
SW	1.0	1.6	4.5	4.6	1.4	.6						13.8	11.2
WSW	.4	1.3	3.8	5.9	2.2	.3	.2					14.5	11.9
W	.3	1.7	2.7	3.2	.9	.3	.2					9.7	10.9
WNW	.1	.4	.9	1.4	.4	.3						3.9	11.7
NW	.1	1.1	1.5	.3	.1	.1						3.3	7.9
NNW	.1	1.3	1.1	.5	.2							3.7	8.0
VARBL		.1	.3	.8	.1							1.4	11.0
CALM												5.3	
	2.1	19.9	25.3	28.6	8.9	2.5	.8					100.3	9.6

TOTAL NUMBER OF OBSERVATIONS 930

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

...L CLIMATOLOGY BRANCH
...SFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...771 (STATION) ILDENHALL RAF ...K (STATION NAME) 74-83 (YEARS) JA... (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	1.7	.4	.3	.2							2.4	7.2
NNE	.1	.1	.3	.3		.1						1.4	6.6
NE	.1	1.1	.3									1.4	5.6
ENE		.2	.8	.5								1.5	9.7
E	.1		.5	1.0	.2							2.3	11.5
ESE	.4	.6	.6	.6	.3	.3						2.8	12.0
SE	.4	.9	.3	1.7	.4	.3						3.2	10.7
SSE	.3	1.1	1.9	1.8	.8	.3						6.5	10.9
S	.1	2.3	3.9	3.9	1.2	.3						11.9	10.7
SSW	.1	1.5	2.9	2.5	1.3							8.5	10.4
SW	.1	1.8	2.2	5.2	1.8	.2		.1				12.5	12.7
WSW	.2	.6	3.1	4.5	2.9	.5	.1	.1				12.1	13.2
W	.3	1.7	4.3	4.7	1.9	.4	.3					14.1	11.8
WNW	.3	1.1	1.4	2.0	.6	1.1	.2					6.5	13.8
NW	.3	1.1	2.2	.9	.1	.1						4.5	9.1
NNW	.1	1.6	1.1	1.3	.4							4.4	9.3
VARBL			.6	.4		.1						1.2	11.6
CALM												3.1	
	5.	16.6	26.7	31.1	11.8	4.1	.6	.2				100.2	10.9

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)

5271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JAN (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	.2	.8	.6	.1			.1				3.1	6.1
NNE	.3	.5	.3	.2								1.4	6.6
NE	.4	.3	.2									1.2	4.6
ENE	.3	.2	.8	.4								1.6	8.3
E	.4	.3	.5	1.2								2.5	9.2
ESE	.3	.5	1.2	.6	.3	.1						2.9	9.6
SE	1.1	1.2	1.3	.5	.1	.2	.1					4.5	8.2
SSE	.8	2.3	2.0	1.7	.2	.3	.1					7.4	9.2
S	.3	1.5	3.5	3.7	.5	.5						10.5	10.3
SSW	1.4	.2	3.1	1.9	.9	.3						8.4	9.8
SW	.1	2.3	3.9	5.7	.8	.6						12.7	11.3
WSW	.5	2.6	4.6	3.0	1.2	.3						12.3	10.2
W	1.3	1.5	3.3	3.2	1.5	.5						12.2	10.5
WNW	.3	1.4	.6	1.4	1.3	.3						5.3	10.8
NW	1.1	1.1	1.0	1.2	.1							4.3	7.9
NNW	.9	1.9	1.6	1.1		.1						4.9	7.8
VARBL			.4	.1	.2	.1						.7	13.9
CALM												4.2	
	11.1	19.8	28.9	26.7	6.8	3.3	.3	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

5071	MILDENHALL RAF UK	74-83	JAN
STATION	STATION NAME	YEARS	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	.9	.5	.5	.9	.1	.2	.2					2.5	11.2
NNE	.1	.6	.1	.1	.1							1.5	5.4
NE	.3	.6	.1	.1								1.2	5.1
ENE	.1	.1	1.2	.8								2.2	9.4
E	.4	.4	.6	.5	.1							2.2	8.1
ESE	.4	.6	.9	.5	.1							2.6	8.3
SE	.2	1.3	1.2	.8	.4	.1						3.2	8.1
SSE	1.4	1.8	2.0	1.6	.5							7.6	8.1
S	1.8	2.1	3.2	3.7	.8							11.1	9.6
SSW	.2	1.2	2.8	2.7	.8	.3		.1				8.8	10.0
SW	.4	2.8	4.5	4.7	1.2	.2		.1				14.1	10.4
WSW	.6	2.3	3.8	4.3	.9	.5	.1		.1			12.5	10.8
W	1.1	2.2	2.5	3.5	1.2	.2	.1					10.6	10.6
WNW	1.1	1.0	1.0	1.2	.4	.1						4.7	8.8
NW	.1	1.2	1.5	1.0	.2							4.1	9.1
NNW	.6	.3	.6	.4								2.0	6.9
VARBL			.1	.1								.2	11.0
CALM												7.3	
	11.8	27.2	36.7	35.9	6.7	1.7	.4	.2	.1			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible]71 MILDENHALL RAF UK — 74-83 — JAN
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 2100-2300
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	.4	.9	.9	.5	.1	.2	.1					3.3	9.1
NNE	.3	.1	.2	.1								.9	5.6
NE	.2	.1	.1									.8	3.6
ENE	.3	.1	1.2	.5								1.9	9.2
E	.3	.6	.2	.6	.1							1.9	8.3
ESE	.1	.6	1.1	.6								2.5	8.6
SE	1.1	2.4	.8	.8	.3	.1						5.3	7.3
SSE	.4	1.7	1.3	1.7	.5	.1						5.8	9.7
S	1.4	2.7	3.4	3.4	.8							11.7	9.3
SSW	.9	2.4	3.7	2.0	.8	.1	.2					10.0	9.7
SW	1.6	3.1	5.1	4.7	1.0	.6		.1				16.2	10.1
WSW	1.3	1.8	2.7	4.0	.6	.4						11.1	9.9
W	.6	2.5	3.1	3.1	.5	.3		.1		.1		10.3	10.6
WNW	.2	.9	1.4	1.3	.1	.1	.1					4.0	10.1
NW	.5	1.1	1.7	1.2	.2							4.7	8.3
NNW		.1	.3	.6								1.1	11.3
VARBL			.2	.3	.1							.6	12.8
CALM												9.1	
	11.3	28.9	37.2	25.7	5.2	2.1	.4	.2		.1		100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...771	MILDENHALL RAF UK	74-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	.4	.3	.1	.1	.1	.1				2.4	8.7
NNE	.2	.4	.2	.1	.1	.0						1.3	5.3
NE	.1	.6	.2	.1								1.1	5.1
ENE	.1	.3	.9	.4	.1							1.7	8.6
E	.1	.4	.5	.9	.1							2.2	9.2
ESE	.3	.8	.7	.6	.1	.0						2.6	8.1
SE	.4	1.5	.8	.8	.3	.1	.1					4.2	8.1
SSE	.9	1.8	1.7	1.6	.7	.1	.1					6.9	9.4
S	.2	2.5	3.2	3.5	.9	.2						11.6	9.7
SSW	.3	2.1	2.9	2.8	1.1	.3	.1	.1				9.9	10.0
SW	.3	2.7	4.1	4.9	.9	.7	.1	.1				14.3	10.1
WSW	.2	1.9	3.3	4.3	1.1	.4	.1	.0	.0			12.1	10.9
W	.9	2.1	3.1	3.5	1.0	.3	.1	.1		.0		10.9	10.6
WNW	.4	1.1	1.1	1.3	.4	.2	.1					4.5	10.8
NW	.4	1.1	1.3	.8	.1	.1						3.7	8.5
NNW	.1	1.1	1.1	.8	.1	.1						3.5	8.1
VARBL		.1	.2	.4	.1	.1						.9	13.3
CALM												6.5	
	9.8	2.8	25.6	27.2	7.1	2.5	.9	.1	.0	.0		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 7440

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

CL MAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	.9	.4								3.7	5.8
NNE	.1	2.2	1.1	.5								4.8	5.8
NE	1.1	2.1	1.1	.2	.2							4.7	6.1
ENE	.6	1.9	2.4	.6								5.4	7.2
E	.6	3.7	2.5	1.9								8.6	7.6
ESE	1.4	3.1	2.2	.7								7.4	6.7
SE	.1	2.6	2.1	1.2	.4							7.3	7.3
SSE	.1	1.1	2.0	.9	.2							5.3	7.8
S	1.3	1.9	3.1	2.4	.7							9.2	9.1
SSW	.4	1.9	1.3	1.9	.6							5.9	9.8
SW	1.4	1.5	3.0	2.6	.6	.4						9.5	9.3
WSW	.4	1.2	3.2	1.2	.2	.4						6.3	9.8
W	.3	1.1	1.1	1.7								4.4	8.4
WNW	.2	.7	.4	.2			.2					1.7	8.4
NW	.4	.4	.9	.6								2.2	7.7
NNW	.4	.6	.6	.6								2.1	7.1
VARBL			.1	.2								.4	11.3
CALM												11.1	
	10.2	26.7	27.5	17.7	3.0	.7	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5571 — STATION
MILDENHALL 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	.7	1.2	.9	.2								3.1	5.6
NNE	.9	2.0	.6	.8								4.4	6.4
NE	1.1	3.1	1.8	.5	.2							6.6	6.5
ENE	1.1	1.2	2.5	.2								5.0	6.7
E	1.4	2.5	3.3	1.5								8.7	7.3
ESE	1.9	2.1	2.4	1.2								7.6	6.5
SE	.5	2.1	2.4	1.4	.1							6.9	7.6
SSE		.7	1.8	.8	.2							3.5	9.4
S	1.2	2.1	3.2	1.9	.9	.2						9.5	9.3
SSW	1.7	1.3	1.3	2.1	.5							6.9	8.6
SW	1.1	1.7	3.2	1.7	.1	.1	.1					7.9	8.8
WSW	.7	.9	3.5	2.0	.4	.2						7.8	9.8
W	.4	1.2	1.1	.9								3.5	7.6
WNW	.4	.2	1.1	.9								2.4	9.5
NW	.1	1.1	.7	1.1								3.1	8.4
NNW	.5	.4	.1	.1								1.1	4.3
VARBL				.2								.2	12.0
CALM												12.1	
	13.6	23.6	29.8	17.7	2.5	.6	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

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

SURFACE WINDS

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

[illegible] MILDENHALL 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	.7	1.7	.7	.2		.1						3.4	6.1
NNE	.4	2.1	.5	.4								3.3	5.6
NE	.7	2.2	1.5	.5	.1	.1						5.3	7.1
ENE	.1	1.4	3.2	.6								5.7	7.6
E	.9	2.6	2.7	2.2	.1							8.6	8.2
ESE	.1	2.4	2.5	.8								6.7	6.6
SE	1.1	2.2	2.4	.8								6.5	6.8
SSE	.7	1.7	2.6	1.3	.1							6.4	8.1
S	1.2	2.1	2.5	2.6	1.1	.4						9.8	1.0.3
SSW	.7	.9	1.7	2.8	.6							6.7	10.3
SW	.7	1.9	3.5	1.1	.2							7.4	7.8
WSW	.4	1.4	2.6	.8	.1	.1						5.6	8.9
W	.5	.7	2.4	1.2								5.0	8.2
WNW	.2	.7	.9	.6								2.3	7.6
NW	.3	.4	.6	.4								1.3	7.1
NNW	.3	.5	.2	.9		.1						2.2	9.3
VARBL			.3	.2	.1							.6	11.8
CALM												12.2	
	1.5	25.5	31.7	17.5	2.6	.5						100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 896

USAFETAC FORM NO. 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) ...ILDENHALL RAF ...K (STATION NAME) 74-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ...00-11...3 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - ...	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.4	.7	.1	.1	.1					3.2	9.1
NNE	.5	1.4	1.2	.7	.1							4.3	6.9
NE	.2	1.7	1.4	.7	.3							3.8	7.6
ENE	.5	2.1	2.6	.9								6.1	7.4
E	.5	2.7	3.5	2.8	.4							...1	8.1
ESE	.4	1.4	1.7	2.2								5.6	9.2
SE	.3	2.5	2.4	1.3								7.1	7.2
SSE	.3	1.7	2.2	2.8	.2		.1					7.4	9.8
S	.4	1.9	2.7	3.5	.8	.1						9.8	1...2
SSW	.4	.9	1.9	2.2	1.2	.1						7.2	12.2
SW	.3	.8	2.3	1.4	.6							5.8	9.6
WSW	.2	1.7	2.2	2.7	.2	.2						8.9	9.6
W	.3	.7	1.5	.9	.2							4.4	8.2
WNW	.2	.7	.6	.4	.1							2.1	8.1
NW	.2	.7	1.8	.7	.1							3.5	8.6
NNW	.1	.4	1.1	.1	.1							2.2	7.3
VARBL			.2	.7	.2							1.2	13.5
CALM												7.6	
	9.1	22.1	3...6	24.6	4.7	1.1	.2					100.3	8.4

TOTAL NUMBER OF OBSERVATIONS 846

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

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

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.8	.4	.6	.1						2.8	10.1
NNE	.2	.9	1.2	.9	.2							3.5	9.2
NE	.2	.3	2.4	.7	.4							4.5	9.2
ENE	.3	.2	2.2	1.7								5.1	9.3
E	.2	1.5	5.7	3.1	.6	.1						11.5	9.7
ESE	.4	1.3	.9	1.9	.1							4.6	9.3
SE	.3	2.1	1.9	3.1								7.3	9.2
SSE	.2	1.1	1.7	3.1	.5							6.5	10.7
S	.5	.9	3.4	4.4	.8							10.2	10.9
SSW	.2	.6	1.7	3.3	1.3	.4						7.9	12.3
SW	.3	1.2	2.1	1.8	.9							6.3	10.7
WSW	.1	1.3	2.0	1.7	.1		.2					5.4	9.9
W	.1	.6	1.9	2.1	.9		.2					6.7	11.2
WNW	.1	.7	1.4	.5	.5							3.3	9.6
NW	.3	.4	1.5	.9	.2							3.7	9.1
NNW	.1	.6	1.7	.9	.2							3.7	9.1
VARBL			1.8	.9	.3	.3						3.1	11.6
CALM												4.1	
	.3	15.5	34.3	31.1	7.6	.8	.4					100.3	9.8

TOTAL NUMBER OF OBSERVATIONS 846

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

...AL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.7	.6	.2	.1						3.5	8.3
NNE	.1	.9	1.3	.5								3.3	6.9
NE	.3	1.3	1.9	1.1	.1	.1						4.5	9.3
ENE	.3	1.4	3.7	1.9								7.7	8.1
E	.5	2.5	5.3	3.3	.5							12.2	9.2
ESE	.7	1.7	1.4	1.3	.1							5.1	8.1
SE	.4	.3	2.1	2.8	.3							6.5	10.1
SSE	.5	.3	2.1	2.8	.1							6.5	10.1
S	.4	1.9	2.1	2.8	.9	.1						9.1	9.7
SSW	.3	1.5	1.8	2.4	.7	.2						7.3	10.1
SW	1.1	1.7	2.4	2.1	.9	.1						9.1	9.2
WSW	.4	.1	.9	.6	.4							2.7	9.5
W	.4	1.4	2.5	1.7	1.1	.4						7.3	10.9
WNW	.3	.5	.9	.2	.2							2.2	8.8
NW	.4	.3	1.3	.7								2.8	8.2
NNW	.4	.6	2.1	.7								3.8	8.1
VARBL		.1	.6	.5	.1							1.3	10.6
CALM												5.1	
	3.9	19.3	34.7	27.0	4.6	1.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 646

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72271 MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1800-2100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	.8	.5	.1							4.3	6.3
NNE	.5	1.3	1.1	.8								3.7	7.1
NE	.1	2.5	1.4	.7								4.8	6.8
ENE	.5	4.1	2.7	.9	.1							8.3	7.1
E	1.8	3.8	4.7	1.5								11.8	7.1
ESE	1.4	3.2	1.4									6.1	5.1
SE	.9	1.7	3.5	2.1	.4							8.6	8.6
SSE	1.1	1.2	2.9	2.1	.4							6.7	9.2
S	1.4	1.5	2.6	2.8	.2	.1						8.7	9.1
SSW	1.1	.9	1.7	2.8	.8	.4						7.6	11.0
SW	.7	1.2	1.2	1.7	.6							5.3	9.3
WSW	.1	.9	2.0	2.6	.1							5.3	10.5
W	.2	1.9	1.2	.8	.4							4.5	8.4
WNW	.1	.5	.8	.6								2.2	7.7
NW	.1	.8	.5		.1							1.5	6.8
NNW	.5	.4	.7	.7								2.2	7.8
VARBL			.1	.1								.2	11.0
CALM												8.1	
	11.9	27.1	28.5	20.9	3.2	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 886

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

...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...E...1	...ILDENHALL RAF UK	74-8...	FEB

ALL WEATHER
CLASS

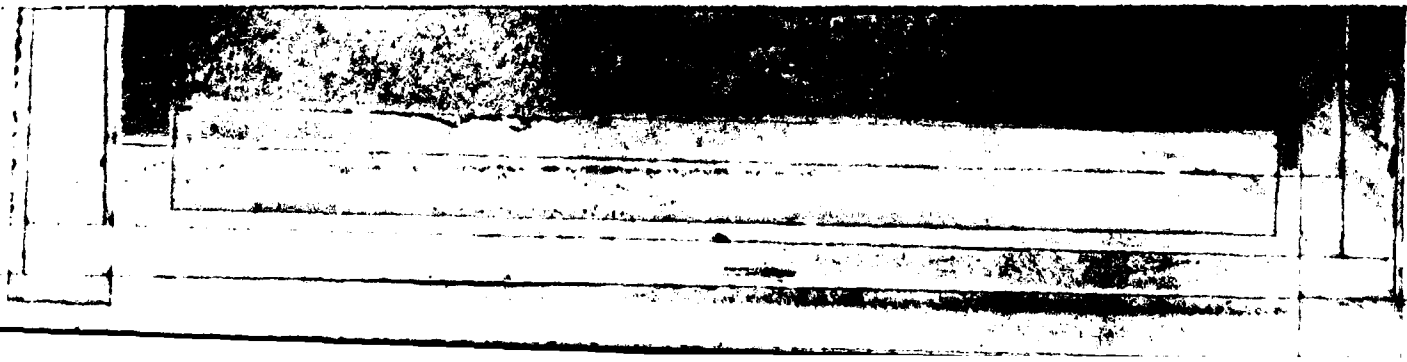
CONDITION

21 0-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.6	.7								2.8	7.1
NNE	1.4	2.6	1.3	.6								5.9	5.8
NE	.6	2.2	1.2	.4								4.4	6.2
ENE	.2	1.1	1.4	.9	.1							6.4	6.8
E	1.2	2.2	4.0	1.7	.2							9.7	7.6
ESE	1.7	3.4	1.7	.1								6.7	5.2
SE	1.2	2.7	2.7	1.9	.5							9.2	8.0
SSE	.5	1.2	1.2	1.5	.1	.1						4.6	9.4
S	1.3	1.5	3.5	3.7	.2							10.5	9.1
SSW	.7	.5	.8	2.4	1.1	.1						5.6	11.8
SW	.5	1.1	3.3	2.1	.6							8.1	9.4
WSW	.1	.4	1.7	1.5	.4							4.1	10.2
W	.1	1.4	2.1	1.4	.1							5.6	8.4
WNW	.1	.5	.8	.6								2.1	6.1
NW	.3	1.1	.6	.4								2.5	6.6
NNW	.4	.5	.5	.5								1.8	7.8
VARBL			.2	.4								.6	11.6
CALM												9.7	
	12.2	26.1	27.8	20.6	3.3	.2						100.1	7.3

TOTAL NUMBER OF OBSERVATIONS 896

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.7	.5	.1	.1	.1					3.4	7.2
NNE	.3	1.7	1.0	.7	.1							4.2	6.6
NE	.5	2.1	1.6	.5	.2	.1						4.8	7.3
ENE	.6	2.1	2.6	1.0	.1							6.2	7.5
E	1.0	2.7	4.7	2.3	.2	.1						10.2	8.2
ESE	1.1	2.3	1.8	1.0	.0							6.2	6.8
SE	.9	2.1	2.4	1.8	.2							7.4	8.1
SSE	.6	1.2	2.0	1.9	.2	.0	.0					5.9	9.3
S	1.1	1.7	3.0	3.0	.7	.1						9.6	9.7
SSW	.9	1.1	1.5	2.5	.8	.2						6.9	10.8
SW	.7	1.4	2.6	1.9	.5	.1	.1					7.4	9.2
WSW	.4	1.2	2.4	1.6	.2	.1	.0					5.8	9.7
W	.6	1.2	1.7	1.3	.3	.1	.0					5.2	9.2
WNW	.2	.6	.9	.5	.1		.0					2.3	8.5
NW	.3	.7	1.1	.6	.1							2.6	8.0
NNW	.4	.5	.9	.6	.2	.1						2.4	8.3
VARBL		.1	.4	.4	.1	.1						.9	11.7
CALM												6.7	
	10.9	23.3	30.4	22.1	3.9	.8	.1					100.7	7.3

TOTAL NUMBER OF OBSERVATIONS 6768

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...7... STATION ...TILDENHALL R.A.F. UK STATION NAME 74-83 YEARS MAR MONTH

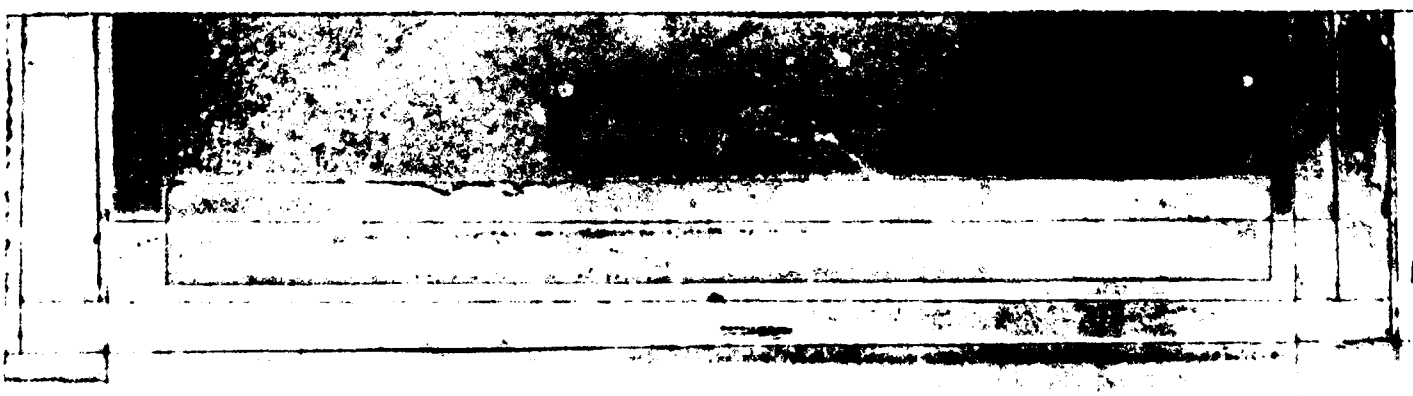
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.5	.8								6.5	6.7
NNE	1.0	.9	1.0	.5	.2							3.5	7.3
NE	.3	1.3	1.3	.6								3.9	7.7
ENE		.5	1.2	.4	.2							2.2	10.3
E	.1	1.4	1.4	.3	.1							3.3	7.7
ESE	1.3	.9	1.0	.4								3.4	5.9
SE	.5	1.9	1.6	1.2								5.2	7.1
SSE	1.1	2.4	2.2	.5	.1							6.2	6.6
S	.5	1.7	3.2	2.3	.1	.3	.1					8.2	9.3
SSW	1.6	1.7	3.9	3.2	1.1	.8	.1					12.4	10.6
SW	1.0	1.5	3.4	3.3	1.2	.4						10.9	10.5
WSW	.3	1.5	3.0	4.1	1.2	.3						10.9	10.6
W	.3	1.1	2.2	1.6	.5	.1	.2					6.3	10.2
WNW	.3	.5	.8	.4	.1							2.2	8.3
NW	.4	1.2	1.5	.1	.3	.2						3.7	8.1
NNW	.5	1.1	.8	.5								2.9	6.3
VARBL													
CALM												4.5	
	11.9	21.4	31.0	20.2	5.2	1.9	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER (CLASS)

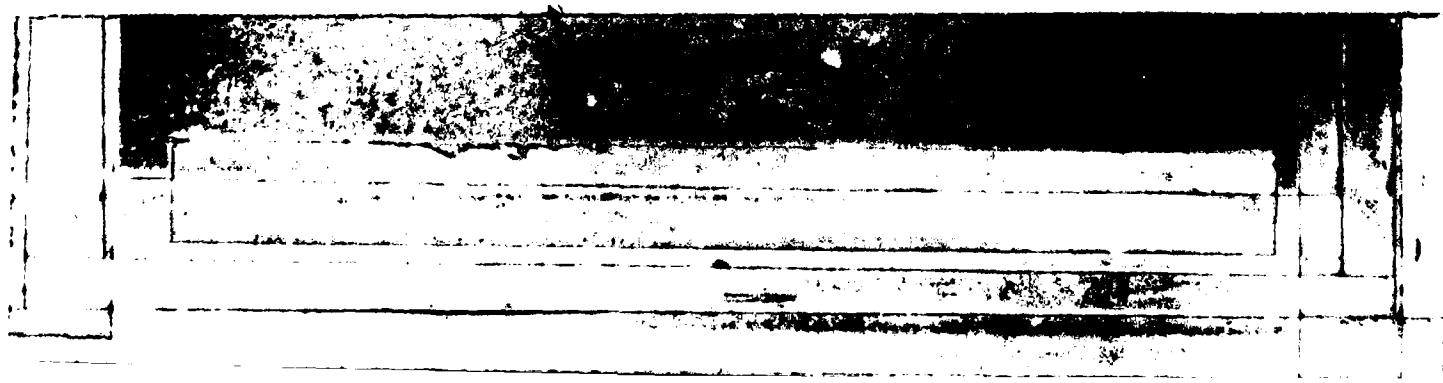
(CONDITION)

0300-0900 (HOURS (L.S.T.))

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.0	.6								6.1	6.3
NNE	.2	1.1	1.4	.8	.1							4.1	7.5
NE	.3	.4	1.5	.4								2.7	7.9
ENE	.4	1.1	.6	.9								2.9	8.2
E	1.1	1.2	1.9	.2								4.4	6.3
ESE	.2	1.8	1.2	.4								4.3	6.9
SE	.8	1.5	1.5	.4								4.2	6.5
SSE	.5	1.6	1.8	.6								4.7	7.1
S	1.0	2.0	3.7	2.7	.5	.1						10.0	9.1
SSW	1.7	2.3	3.5	2.8	.5	.1						11.2	8.9
SW	1.2	2.4	3.8	3.6	1.1	.7						12.3	10.3
WSW	.8	1.3	1.7	4.1	1.2	.6						9.9	11.9
W	1.1	.3	2.2	1.5	.1							5.6	8.2
WNW	.2	.3	.8	.9								2.6	8.6
NW	.7	1.5	1.5	.4	.3							4.3	7.9
NNW	.7	.6	1.5	.8								3.1	7.3
VARBL				.1								.1	15.7
CALM												7.5	
	12.7	22.9	30.9	20.9	3.9	1.2						100.1	7.9

TOTAL NUMBER OF OBSERVATIONS 929

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



L AL CLIMATOLOGY BRANCH
FETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 MILDENHALL RAF K (STATION / STATION NAME) 74-83 (YEARS) MAR (MONTH)

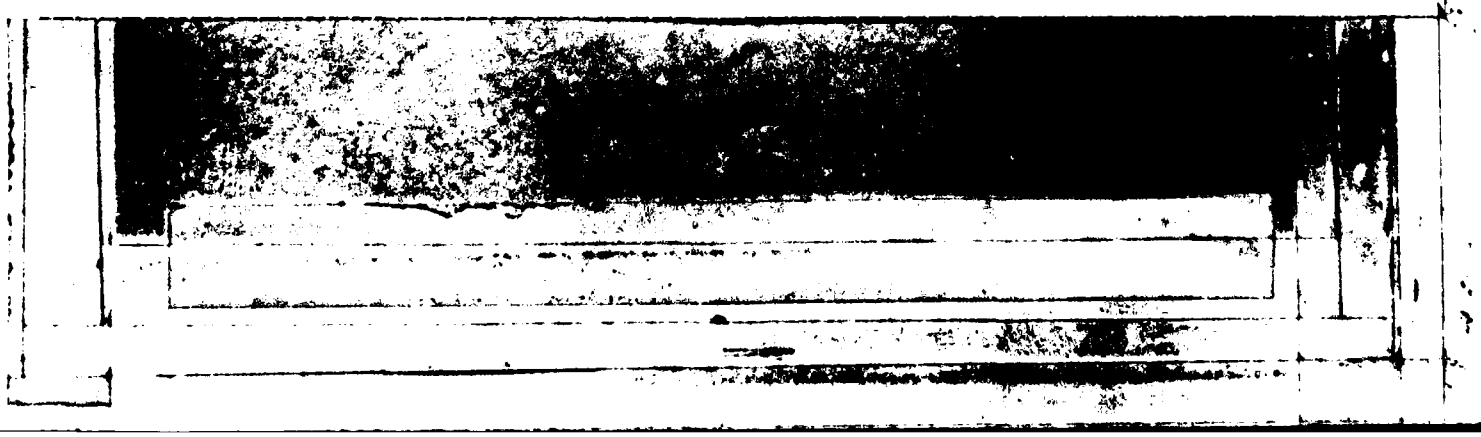
ALL WEATHER (CLASS) 0700-0800 (HOURS (L.S.T.))

(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	1.6	2.2	.9								5.1	7.3
NNE	.5	1.1	1.2	.6	.1							3.7	7.1
NE	.3	.5	1.6	1.0	.1							3.5	9.4
ENE	.3	.3	.6	1.5								3.1	9.7
E	.3	1.1	1.8	.4								4.1	6.9
ESE	.5	1.6	1.5	.4								4.1	6.6
SE	1.4	1.4	1.9	.8								5.4	6.6
SSE	.7	2.2	2.2	1.3	.1							6.5	8.0
S	.4	2.5	4.6	2.7	.2	.2						10.9	9.5
SSW	.3	2.3	2.3	3.2	.6	.1						8.8	10.2
SW	.1	1.1	3.1	4.7	1.6	.5						12.0	11.7
WSW	.1	1.4	3.4	3.7	1.4	.1						10.3	11.1
W	.1	1.4	1.6	.8	.2							4.1	8.3
WNW	.3	1.0	1.2	.6	.1							3.2	8.2
NW	1.0	1.1	1.4	1.4	.2							5.1	8.0
NNW	.4	.9	1.5	.6	.1							3.5	8.1
VARBL			.1	.3	.2							.6	14.7
CALM												6.5	
	8.6	21.8	32.2	29.9	5.1	1.1						100.3	8.5

TOTAL NUMBER OF OBSERVATIONS 935

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 (STATION) GILDENHALL RAF UK (STATION NAME) 79-83 (YEARS) MAY (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	.4	1.3	2.9	1.5								6.1	8.4
NNE	.2	.5	1.2	1.3	.1							3.0	9.4
NE		.5	1.0	1.5	.1							3.1	10.4
ENE	.1	.9	1.1	1.2	.1							3.3	9.2
E	.1	.2	2.1	2.3	.4							5.3	11.3
ESE	.2	.3	1.2	1.1								2.8	9.4
SE	.2	.3	1.5	1.7								4.2	9.7
SSE	.1	.3	1.7	2.8	.1							6.3	9.9
S	1.3	1.9	2.1	4.9	1.9							11.3	10.8
SSW	.1	1.1	2.0	3.5	1.3	.4						8.5	12.2
SW	.4	1.1	2.3	2.6	1.5	1.4						8.7	12.7
WSW	.1	.4	1.8	3.9	2.6	1.1	.2					10.2	14.8
W	.4	1.5	1.1	3.1	1.7	.8		.1				8.7	13.1
WNW		.5	1.1	1.3	.8	.2						3.8	13.1
NW	.1	1.2	1.9	1.2	.2	.1						4.3	5.7
NNW	.1	1.1	2.3	1.5	.2	.1						5.3	9.9
VARBL			.8	1.6	.8							3.1	14.1
CALM												2.3	
	4.0	14.1	27.2	36.7	11.0	3.9	.2	.1				100.3	11.1

TOTAL NUMBER OF OBSERVATIONS 930

785

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

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

SURFACE WINDS

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

[illegible]71 — STATION
[illegible]ILDENHALL RAF [illegible]K — STATION NAME
74-83 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	2.6	1.4		.1						5.3	9.4
NNE	.4	.5	1.5	1.7	.1							4.3	9.9
NE		.3	1.1	1.9	.1							3.4	11.4
ENE		.1	1.5	1.7								3.5	10.8
E	.2	.3	2.2	1.8	.3							5.4	10.0
ESE	.1	.1	1.3	1.1								2.7	9.7
SE		.3	1.1	1.0	.1							2.5	10.7
SSE	.3	.2	1.3	3.5	.3							6.3	11.2
S	.2	.4	2.6	4.3	1.6							9.6	12.0
SSW	.1	1.1	1.5	3.8	1.6	.9						9.2	13.6
SW	.4	.9	1.3	3.3	2.1	.9						8.5	14.1
WSW	.3	.2	1.1	2.8	3.1	1.2						9.0	14.7
W	.1	.3	1.4	3.1	2.2	1.7	.2	.1				9.7	15.6
WNW	.1	.2	1.3	1.3	1.0	.4						4.8	12.5
NW	.1	.4	2.4	1.2	.2	.2						4.8	10.0
NNW	.1	.1	3.1	1.4	.1	.1						5.7	9.4
VARBL	.1	.1	1.4	1.6	.5	.1						3.9	11.9
CALM												1.5	
	3.3	10.6	28.6	37.0	13.2	5.4	.2	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

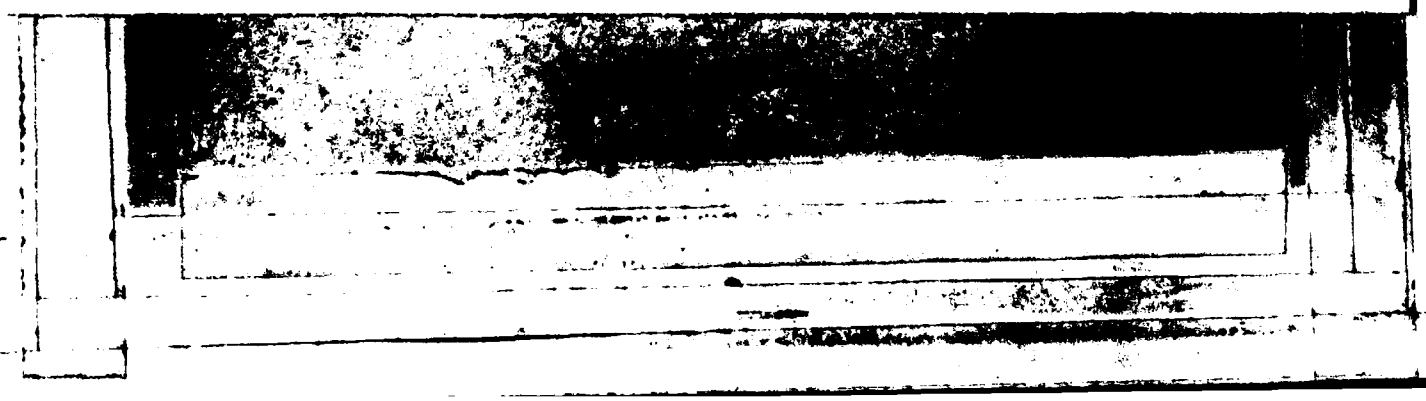
ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	4.8	2.3	.4							9.8	9.2
NNE	.7	.5	1.2	1.7	.3							4.0	10.2
NE	.1	.2	1.6	2.8								4.7	10.8
ENE	.2	.4	1.5	1.6	.4							4.2	1.2
E	.2	.8	2.6	1.6								5.2	9.1
ESE	.1	.3	2.3	.2								3.1	8.1
SE	.1	.1	.9	1.5	.2							2.8	11.7
SSE		.1	2.1	2.3	.3							4.9	11.1
S	.5	2.1	2.2	3.1	1.5							9.4	10.8
SSW	.1	1.0	1.8	3.0	1.7	.4						7.7	12.9
SW	.4	.6	2.4	3.8	1.8	.2						8.9	12.4
WSW	.1	.6	1.6	3.1	2.2	.5						8.6	14.0
W	.2	.6	1.8	3.2	3.2	.9	.1					10.8	13.8
WNW	.1	.9	1.1	1.1	.8	.1						3.9	11.6
NW	.4	.1	1.3	.4	.3	.1						3.4	8.8
NNW	.5	1.4	1.7	.8	.1							4.6	7.5
VARBL			1.1	1.1	.5	.1						3.4	12.1
CALM												.0	
	5.4	12.4	31.8	33.2	13.9	2.6	.1					100.0	11.2

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)

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	4.0	.9	.3							8.7	7.2
NNE	.3	.3	2.	1.2	.4							4.8	9.2
NE	.2	1.2	1.2	.9								4.0	8.2
ENE	.2	1.9	1.9	.8								4.7	7.3
E	.9	1.7	2.5	.1	.3							5.4	7.1
ESE	.5	1.1	1.6	.3								3.4	7.2
SE	.9	1.3	1.9	1.0	.2							5.2	8.
SSE	.4	1.5	1.8	1.1	.1							4.9	8.1
S	.9	2.3	2.8	3.3	1.1	.2						11.5	9.4
SSW	.5	1.1	1.6	2.8	1.5	.3						7.8	12.
SW	.9	1.8	3.2	3.8	.8							10.4	9.9
WSW	.8	.6	1.9	3.1	.5	.1						7.1	11.3
W	1.2	1.4	2.0	2.3	.8	.3						8.	9.9
WNW	.1	.4	.8	1.1	.1							2.6	10.1
NW	.4	1.1	.2	.5	.1							2.4	6.9
NNW	.3	.1	.6	.3	.1							2.3	7.2
VARBL			.1	.3	.2							.6	14.7
CALM												6.1	
	10.1	21.9	31.1	23.4	6.5	1.7						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 MILDENHALL RAF UK 74-83 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

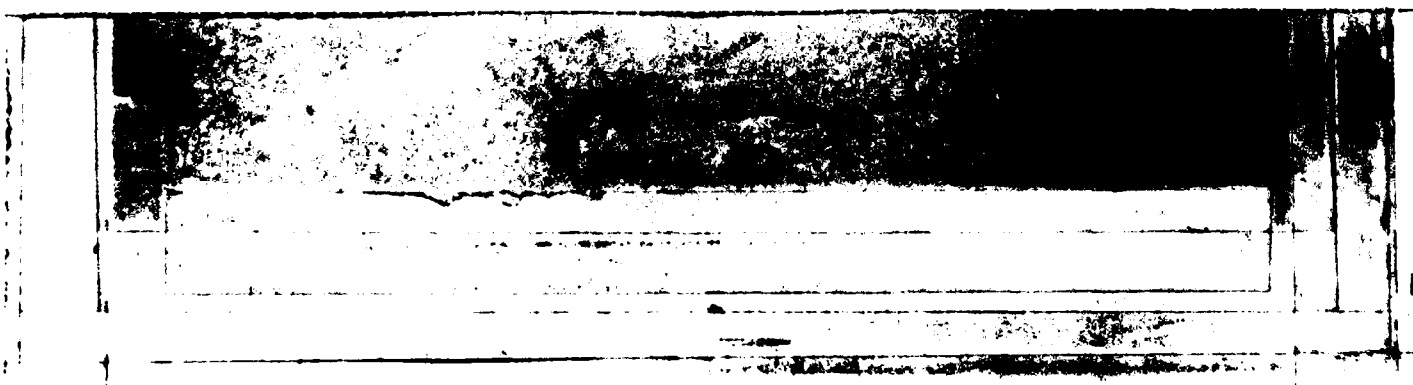
CLASS HOURS (L.S.T.)

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	2.9	.4								6.2	6.7
NNE	.4	1.1	1.2	.6	.2							3.5	8.4
NE	.9	.3	2.2	.2								3.3	7.4
ENE	.4	1.3	1.7	1.2								4.3	7.7
E	.4	.6	2.1	.1	.1							3.3	7.1
ESE	.3	.6	1.7	.4								3.3	7.2
SE	.3	1.7	1.5	1.5								5.3	8.1
SSE	1.9	2.1	1.2	1.7								5.6	6.3
S	.4	2.5	3.1	2.4	.3	.1						9.1	9.4
SSW	.4	1.1	2.7	3.7	1.3	.4						9.8	11.7
SW	.2	2.5	3.5	4.1	1.3	.3						11.8	1..6
WSW	.4	1.1	2.2	3.8	1.7	.4						8.9	11.7
W	1.2	2.3	2.0	1.8	.6							7.7	8.6
WNW	.1	.6	.3	.2								1.5	5.9
NW	.4	1.1	.9	.5	.1	.1						3.3	7.9
NNW	.4	1.1	.6	.1								2.7	5.3
VARBL			.1									.1	6.7
CALM												9.8	
	10.3	21.1	29.2	22.0	5.4	1.1						100.1	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

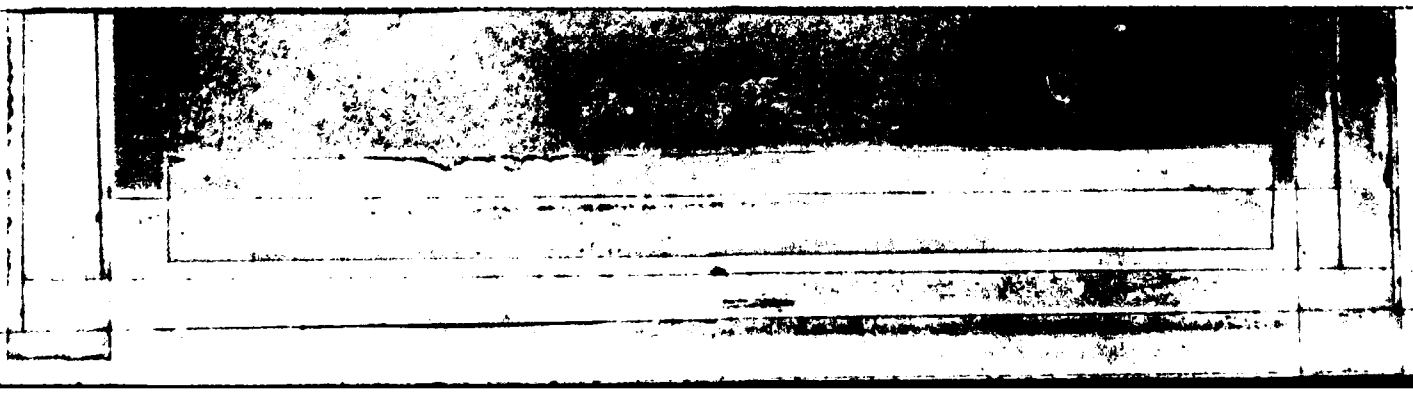
STATION	STATION NAME	YEARS	MONTH
...27...	...ILDENHALL RAF ...K	74-83	MAR

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

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	3.0	1.1	.9	.1						6.7	7.7
NNE	.9	.8	1.3	1.0	.2							3.9	8.1
NE	.2	.6	1.6	1.2	.1							3.6	9.1
ENE	.3	.7	1.2	1.2	.1							3.5	9.
E	.5	1.1	2.1	.9	.2							4.9	8.3
ESE	.6	.8	1.5	.6								3.4	7.1
SE	.6	1.1	1.5	1.1	.1							4.3	8.2
SSE	.6	1.5	1.8	1.6	.1							5.6	8.6
S	.8	2.1	3.	3.2	.9	.1	.1					10.3	10.0
SSW	.7	1.4	2.4	3.3	1.2	.5	.1					9.4	11.4
SW	.7	1.4	2.9	3.6	1.4	.4						10.4	11.3
WSW	.7	1.1	2.1	3.6	1.6	.5	.1					9.4	12.5
W	.7	1.2	1.8	2.2	1.3	.5	.1	.1				7.6	11.5
WNW	.3	.7	.9	.9	.3	.1						3.1	10.4
NW	.7	1.1	1.3	.7	.2	.1						3.9	8.5
NNW	.4	1.0	1.5	.7	.1	.1						3.8	8.0
VARBL	.1	.3	.5	.6	.3	.1						1.5	12.8
CALM												5.4	
	8.3	18.9	30.2	27.3	8.1	2.3	.3	.2				100.3	9.4

TOTAL NUMBER OF OBSERVATIONS 7439

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0000-2200 (HOURS (L.S.T.))

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.0	2.7	.6								1.6	5.4
NNE	1.7	3.1	2.2	.4								6.8	6.2
NE	.4	1.7	1.1	.9	.3	.2						4.7	8.5
ENE	.5	.7	.9	.1								2.1	6.2
E	1.2	1.9	.4	.3								3.8	5.3
ESE	.7	1.6	1.3	.3								3.9	6.2
SE	1.1	2.1	1.6	.1								5.1	5.3
SSE	.7	1.4	.3	.1								2.8	4.9
S	.7	2.6	1.2	.3	.1							4.9	6.3
SSW	.1	2.2	1.9	.8	.1							5.1	7.1
SW	.7	1.9	2.4	1.7	.1							6.7	8.1
WSW	.7	2.2	2.9	2.1	.6	.2						8.2	9.5
W	1.2	1.6	1.4	1.3								5.6	7.1
WNW	.9	.8	.7	.7	.1							2.8	7.9
NW	1.3	1.9	2.3	.6								6.1	6.2
NNW	1.3	2.3	2.7	.3								6.8	5.8
VARBL			.6									.6	8.8
CALM												14.0	
	15.4	32.7	25.6	10.6	1.3	.4						130.1	5.8

TOTAL NUMBER OF OBSERVATIONS 920

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

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

SURFACE WINDS

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

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

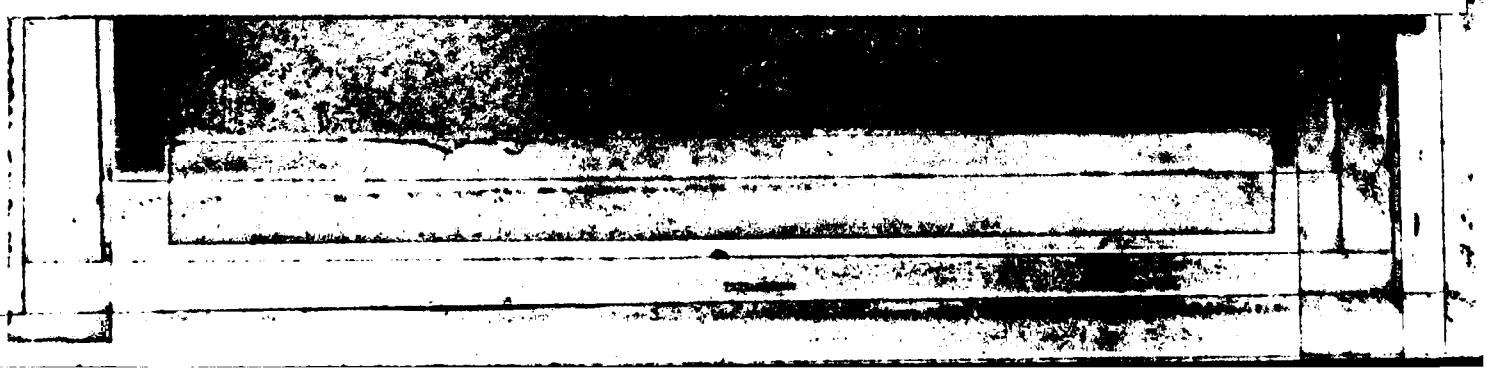
ALL WEATHER CLASS | 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	5.4	2.4	.8								10.6	5.9
NNE	1.1	3.2	1.9	.2								6.4	5.8
NE	.7	1.3	1.6	1.1	.3							4.7	8.7
ENE	.7	.4	1.6	.2								2.4	7.7
E	1.1	.4	.9	.3								2.8	5.7
ESE	1.1	1.3	1.0									3.4	5.0
SE	1.3	2.1	2.2	.1								5.8	5.7
SSE	.7	.9	.9	.1								2.6	6.1
S	.8	1.8	1.3	.1								4.0	5.6
SSW	.8	1.3	1.9	1.0	.3							5.3	7.9
SW	.3	2.2	2.7	1.7	.1							7.0	7.7
WSW	.3	1.4	1.6	1.9	.9	.1						6.1	11.1
W	.7	1.9	1.7	1.0								5.2	7.1
WNW	.7	1.3	1.1	.8	.1							3.6	8.1
NW	1.4	1.9	1.9	1.7								6.2	6.5
NNW	1.7	2.9	2.8	.7	.1							8.1	6.2
VARBL			.1									.1	9.3
CALM												15.2	
	14.3	30.0	27.4	11.0	1.9	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

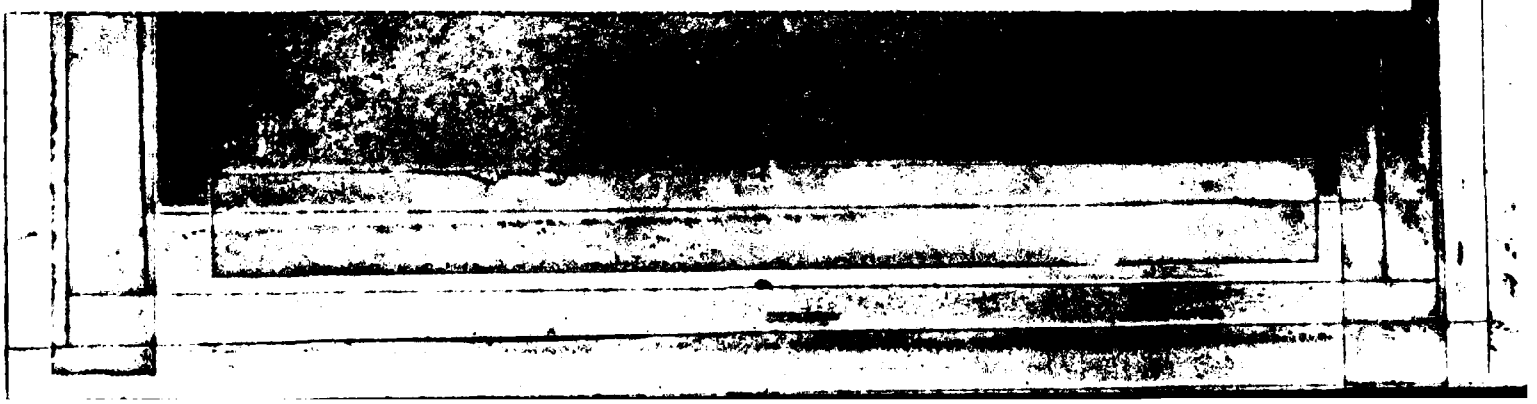
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

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	1.5	3.6	4.1	1.3								10.6	7.3
NNE	1.4	1.6	3.1	.6								6.6	6.8
NE	.3	1.1	1.9	1.4	.1							4.8	8.9
ENE	.5	1.1	1.4	.9								4.0	7.6
E	.3	.4	1.7	.6								3.0	7.9
ESE	.1	.1	1.1	.1								1.9	7.1
SE	.3	2.2	2.0	.3								5.3	5.9
SSE	1.1	1.2	1.1	.4								3.8	6.4
S	.9	1.9	1.1	.6								4.3	6.0
SSW	.6	1.0	1.4	2.1	.7							5.8	10.3
SW	.6	1.4	2.1	1.6	.3							6.0	8.7
WSW	.9	1.2	2.2	1.4	.6	.2						6.6	9.5
W	1.5	1.7	1.9	1.8	.3							7.2	8.0
WNW	.1	.6	1.6	2.1	.1							4.4	10.5
NW	.1	1.1	2.1	1.0								5.4	7.6
NNW	.8	2.4	2.9	1.9	.2							8.2	8.2
VARBL			.4	.3								.8	10.6
CALM												11.3	
	12.1	23.7	31.9	18.8	2.3	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

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	2.0	6.3	6.1	.3	.1						15.6	9.9
NNE	.3	1.6	1.7	2.7	.2							6.4	9.2
NE	.5	.4	2.1	1.8	.1							4.9	9.3
ENE	.1	.8	1.2	1.2								3.3	9.1
E	.1	1.4	1.8	1.9								5.6	8.7
ESE	.4	.4	.9	.4								2.2	8.0
SE	.3	.3	1.2	1.3								3.8	8.8
SSE	.1	.3	1.4	1.1	.2							3.2	9.7
S	.4	1.6	.7	.9								3.6	7.2
SSW	.6	.8	1.3	1.9	.7							5.2	10.8
SW	.7	1.2	1.6	2.0	1.0	.1	.1					6.7	10.6
WSW	.9	1.1	1.7	1.4	.4	.1						5.6	9.4
W	.6	1.1	2.6	2.0	1.1	.6						7.9	11.3
WNW	.3	.3	1.0	1.6	1.0	.1						4.8	11.3
NW	.4	.3	1.1	1.6	.4							4.3	10.2
NNW	.5	1.0	2.1	3.4	.4	.2						8.0	10.7
VARBL	.1	.4	2.4	2.7	.8							6.4	11.4
CALM												2.6	
	8.3	16.1	31.0	33.9	6.8	1.2	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 970

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

45271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	5.4	7.8	1.0	.1						16.0	11.1
NNE	.6	1.2	3.1	3.4	.1							8.4	9.9
NE	.7	1.1	1.6	2.4	.1							5.9	9.2
ENE	.1	.7	.2	1.8								2.8	10.7
E	.4	.7	1.1	2.9	.1							5.2	10.4
ESE		.2	.8	.7	.1							1.8	11.0
SE		.4	.6	1.4	.2							2.3	11.2
SSE	.2	.2	.6	2.1	.1							3.2	11.4
S	1.1	.4	1.6	1.2	.1							4.3	8.5
SSW	.4	.7	1.7	1.1	.4							4.3	9.7
SW	.1	.4	.9	2.0	.3	.3						4.2	12.6
WSW	.4	.6	2.2	1.6	.7	.3	.2					6.0	11.8
W	.4	1.9	2.2	2.2	1.2	.2						8.2	10.9
WNW	.1	.7	1.6	2.0	.8							5.1	11.4
NW		.8	1.9	1.7	.7							5.1	11.0
NNW	.4	1.0	1.8	2.4	.4							6.2	10.1
VARBL			3.7	3.6	.4							7.7	11.2
CALM												2.8	
	5.7	12.3	30.8	40.3	6.9	1.0	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 900

720

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



...L CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

...971 (STATION) WILDENHALL RAF (STATION NAME) UK 74-83 (YEARS) APR (MONTH)

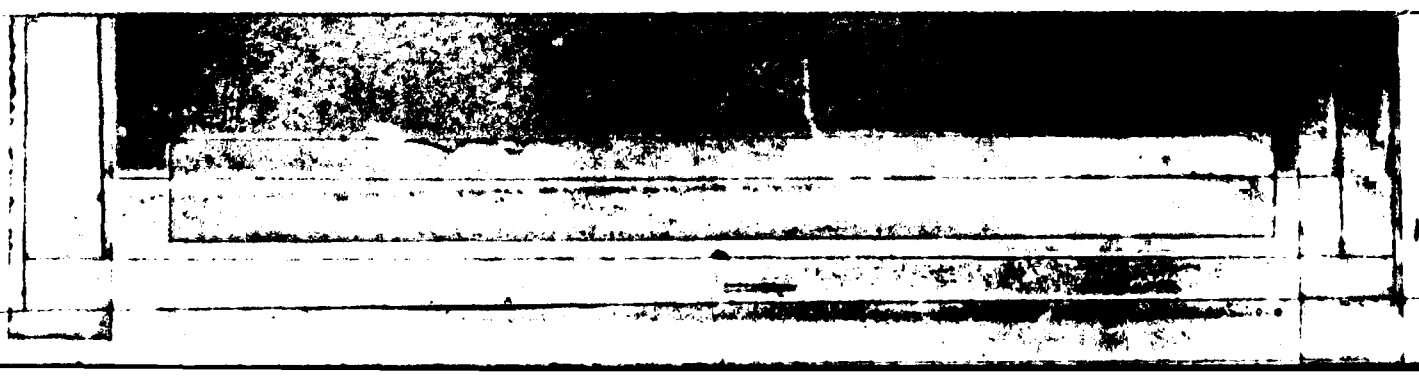
ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(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	.4	1.9	7.0	5.0	1.1	.4						15.9	10.7
NNE	.4	1.1	5.1	4.7	.4							11.8	10.4
NE		.9	1.9	3.2								6.3	10.3
ENE	.1	.2	.9	3.6								4.8	12.1
E	.4	.8	1.3	2.0								4.6	9.3
ESE		.1	1.0	.3	.1							1.6	9.6
SE	.2	.7	1.1	2.2								4.1	10.1
SSE	.1	.3	1.4	2.7	.2							4.9	10.9
S	.4	.8	1.1	.8	.1							3.1	8.4
SSW	.1	.4	.9	1.0	.1							2.8	9.1
SW	.1	.6	1.1	2.1	1.1							5.2	12.0
WSW	.1	.7	1.7	2.2	.7	.7	.1					6.1	13.2
W	.7	1.2	2.7	3.4	.4	.3						8.3	11.0
WNW	.4	.9	1.3	2.1	.3							5.1	10.0
NW	.1	1.0	.9	1.3								3.3	8.9
NNW	.4	1.6	1.7	1.3	.2							5.2	8.8
VARBL	.1		2.8	1.9		.1						4.9	10.8
CALM												2.3	
	4.6	13.1	33.6	39.9	4.9	1.6	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 900

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



CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

(STATION) 03772 MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

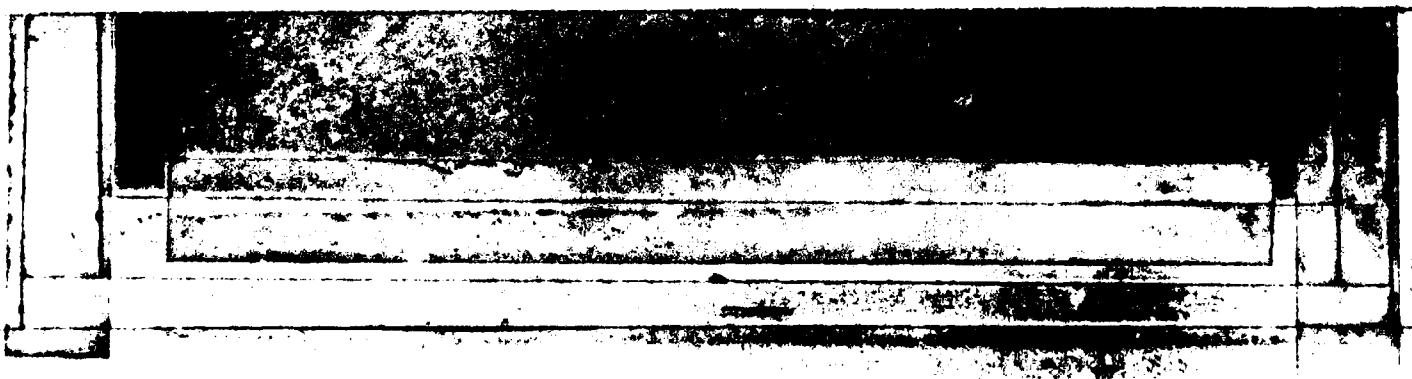
ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(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	1.7	3.8	6.7	2.6	.4	.1						15.2	8.2
NNE	.4	3.2	6.6	3.1								13.3	8.5
NE	.3	1.9	3.3	2.6	.2							8.9	9.1
ENE	1.3	1.1	2.7	.8								5.9	7.3
E	.2	1.3	2.4	.3								4.8	7.0
ESE	.5	2.4	.9	.7	.1							4.7	6.4
SE	.3	1.6	1.7	1.1								4.7	8.1
SSE	.3	1.6	1.7	.6								4.3	7.4
S	.2	1.3	1.2	.2	.1							3.6	6.6
SSW	.5	1.6	.6	.7								3.3	6.6
SW	.4	2.1	1.3	1.9	.3	.1						6.1	8.6
WSW	.7	1.1	2.3	1.0	.4	.4						5.9	9.9
W	.3	1.3	2.1	1.2		.1						5.4	8.5
WNW	.3	.3	1.4	.8	.1							3.3	9.2
NW	.3	.4	1.6	.7	.1							3.0	9.1
NNW	.3	.7	.9	.1								2.0	5.8
VARBL			.2									.2	10.0
CALM												6.1	
	9.7	26.9	38.0	17.8	1.9	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

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



CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03773 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) APR (MONTH)

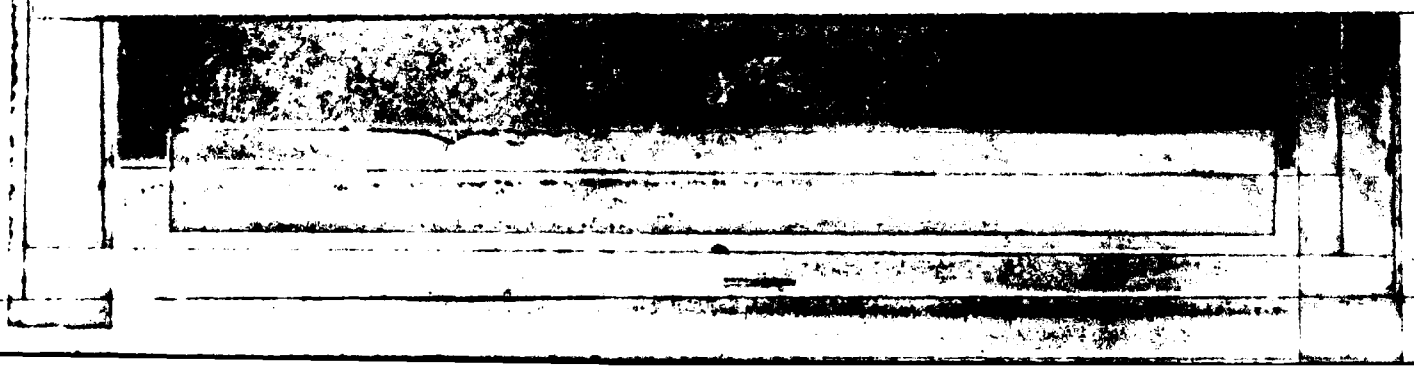
ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.3	3.6	1.0	.1							10.4	6.4
NNE	1.7	5.6	4.9	1.6	.1							13.4	7.0
NE	.7	2.2	1.4	.3		.1						4.7	7.3
ENE	.4	.7	1.4	.3								2.9	7.1
E	.9	2.3	1.8	.2								5.1	5.8
ESE	.6	2.9	.4	1.2								5.1	6.6
SE	.4	1.9	2.4									4.8	6.4
SSE	.3	1.1	1.2	.7								3.3	6.1
S	.7	2.2	2.2	.6								6.7	6.4
SSW	.4	1.9	1.1	.6								3.9	6.9
SW	.4	2.4	2.7	1.4	.1							6.4	7.9
WSW	.6	.7	1.3	1.8	.7							5.0	10.5
W	.4	2.3	3.2	1.4								7.4	7.7
WNW	.7	.8	.6	.3	.1							2.4	6.3
NW	1.2	1.3	1.1	.1								3.8	5.1
NNW	1.6	1.7	.2	.1								3.6	4.3
VARBL			.1									.3	9.7
CALM												10.7	
	13.1	38.4	29.3	11.2	1.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 MILDENHALL RAF UK 74-83 APR
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	1.3	3.2	4.8	3.1	.4	.1						13.1	6.4
NNE	.2	2.6	3.6	2.1	.1							9.2	8.2
NE	.4	1.4	1.9	1.7	.2	.1						5.6	9.3
ENE	.4	.7	1.3	1.1								3.5	8.6
E	.3	1.2	1.4	1.1	.2							4.3	7.7
ESE	.4	1.2	.9	.5	.1							3.1	6.9
SE	.6	1.5	1.6	.8	.1							4.5	7.3
SSE	.5	.7	1.1	.2	.1							3.5	8.1
S	.6	1.7	1.3	.6	.1							4.3	6.8
SSW	.5	1.2	1.3	1.1	.3							4.5	8.7
SW	.7	1.9	1.8	1.7	.4	.1	.1					6.1	9.3
WSW	.6	1.1	1.9	1.7	.6	.3	.0					6.2	10.6
W	.7	1.7	2.2	1.8	.4	.2						6.9	9.1
WNW	.4	.7	1.2	1.3	.3	.0						3.9	9.7
NW	.7	1.2	1.6	1.0	.2							4.7	7.9
NNW	1.1	1.1	1.7	1.3	.2	.1						6.0	7.8
VARBL	.1	.1	1.3	1.1	.2	.1						2.6	11.7
CALM												8.1	
	12.3	23.1	33.9	22.9	3.8	.7	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2200

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

...AL CLIMATOLOGY BRANCH
...FETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
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	2.9	3.5									7.6	5.9
NNE	1.7	1.4	2.0	.1								4.3	5.7
NE	1.1	1.7	1.1	1.1								4.7	7.1
ENE	.6	1.3	1.7	.4								3.3	6.3
E	1.9	2.5	2.2	.2								6.7	5.4
ESE	1.4	1.1	.6	.2								3.3	4.8
SE	1.4	3.3	.9	.8								6.3	5.4
SSE	1.7	2.3	.9	.5								5.2	5.6
S	1.7	3.1	2.6	.3								7.5	5.9
SSW	1.7	2.1	3.0	1.5		.1						9.1	7.7
SW	1.1	1.9	2.8	1.7								7.0	7.6
WSW	.3	2.9	1.7	1.0								5.9	7.8
W	.4	1.9	2.4	.9	.1							5.3	7.7
WNW		.9	.8									1.6	6.7
NW	.3	1.9	1.2									3.5	5.4
NNW	1.1	2.2	1.7	.1								4.3	5.4
VARBL													
CALM												14.9	
	16.2	32.9	27.5	8.8	.1	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	2.7	.1								7.5	5.8
NNE	.3	1.3	2.4	.3								5.1	6.5
NE	.3	1.2	1.6	1.3								4.9	7.4
ENE	.4	.2	.9	.3								1.9	7.1
E	1.1	1.3	2.7	.1								5.8	6.2
ESE	1.2	1.2	1.7	.1								4.2	5.5
SE	1.2	2.2	1.5	.3								5.2	5.6
SSE	1.5	2.1	.5	.4								4.5	5.0
S	1.7	1.8	3.4	.3								7.3	6.4
SSW	1.1	2.4	2.4	.9								6.6	6.9
SW	.4	2.6	2.8	1.5								7.3	6.0
WSW	.4	1.8	1.7	1.2	.1							5.5	7.7
W	.5	1.2	2.4	.3								4.5	7.1
WNW	.3	.4	1.2	.2								2.0	7.8
NW	.3	1.4	1.9	.4								4.5	6.5
NNW	1.4	2.3	1.7	.2								4.8	5.3
VARBL													
CALM												19.4	
	14.3	27.1	30.8	8.1	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727 (STATION) WILDENHALL RAF UK (STATION NAME) 71-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	3.7	1.1								7.3	7.5
NNE	1.0	1.7	2.5	1.4								6.6	7.4
NE	.4	.4	2.0	2.0	.2							5.5	9.7
ENE	.4	.4	1.3	.9								3.1	7.8
E	1.4	1.3	2.3	1.4	.1							6.1	7.8
ESE	1.4	1.3	2.9	1.4								7.5	7.3
SE	.4	2.3	1.4	.3								4.4	6.5
SSE	.5	1.2	.8	1.1								3.3	7.4
S	1.2	1.2	2.3	1.7	.1							6.5	7.9
SSW	.1	1.5	2.7	2.6								7.7	8.4
SW	.3	1.3	2.7	2.9	.3							8.5	8.7
WSW	.3	1.3	2.6	1.3	.3							6.1	8.7
W	.1	1.6	2.4	1.8								6.3	8.3
WNW	.3	.6	1.9	.2								3.3	7.4
NW	.1	1.3	2.5	.5								4.5	7.8
NNW	.2	1.2	2.5	.8	.1							5.1	7.9
VARBL			1.3	.5								2.3	9.6
CALM												6.2	
	11.1	22.8	37.6	21.9	.9							100.3	7.5

TOTAL NUMBER OF OBSERVATIONS 933

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

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

SURFACE WINDS

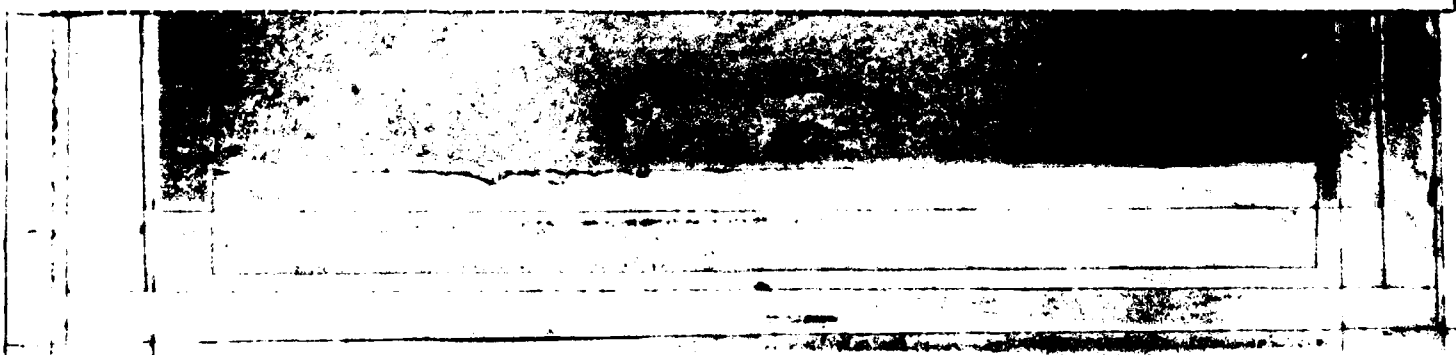
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	3.5	3.5	.1							8.2	9.9
NNE	.1	1.2	1.7	1.7	.1							4.9	9.1
NE	.8	.7	1.3	2.3	.6	.2						5.6	11.2
ENE	.3	.3	.6	1.3	.3							3.4	9.8
E	.4	1.1	1.1	3.2								5.5	10.1
ESE	.2	1.1	.6	2.1	.2							4.4	9.7
SE	.3	1.1	1.2	1.8								4.3	9.4
SSE	.2	.6	.8	.8								2.7	8.3
S	.6	2.4	2.1	2.3	.3	.1						7.7	8.8
SSW	.5	1.5	2.5	2.3	.9							7.5	9.7
SW	.4	1.1	2.3	3.2	1.1	.1						8.1	11.2
WSW	.1	1.1	1.3	1.9	.5	.1						5.3	10.8
W	.4	.5	2.1	2.1	.2							5.9	10.3
WNW	.2	.3	1.1	.9	.1							3.1	8.3
NW	.3	.6	1.1	.5	.1							2.7	8.2
NNW	.1	.3	2.5	1.5	.1							4.9	9.6
VARBL		.1	6.2	6.1	.1							12.6	10.5
CALM												3.1	
	5.2	16.2	31.7	37.8	4.6	.5						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

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



...L CLIMATOLOGY BRANCH
...SAFETAC
...ATHER SERVICE/MAC

SURFACE WINDS

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

...7... (STATION) ...ILDENHALL RAF ...K (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED KNTS; DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.	4.1	2.8	.3							9.2	10.0
NNE	.	.2	1.8	3.1								6.3	14.3
NE	.	.6	.9	2.0	.9							4.6	11.9
ENE	.	.2	.6	1.1	.4	.1						2.7	12.1
E	.1	.5	1.3	3.3	.4							5.8	11.3
ESE	.1	.1	.6	1.5	.2							2.2	12.7
SE		.1	.6	2.2	.3							3.3	11.5
SSE	.4	.4	1.1	1.4	.1							3.3	9.6
S	.2	1.8	2.6	2.2	.4							7.8	8.9
SSW	.5	.8	1.7	1.4	1.3	.3						6.1	11.6
SW	.1	1.1	2.1	3.8	1.1	.2						8.3	12.1
WSW	.4	.2	2.4	2.8	.5							7.2	10.4
W	.2	1.2	1.8	2.4	.3							6.3	9.5
WNW	.1	.2	.9	.8	.1							2.6	9.0
NW	.3	1.1	.8	.3	.1	.1						2.5	8.6
NNW	.4	.6	2.3	.9								4.2	8.6
VARBL		.1	6.2	7.8	.9	.1						15.3	11.5
CALM												1.8	
	3.2	12.9	32.2	39.7	7.4	.9						1...1	1...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)

03771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	5.3	3.2	.2							11.2	9.3
NNE	.1	.4	4.2	3.2								8.2	10.3
NE	.1	.2	1.0	2.5	.5	.1						4.6	12.4
ENE	.1	.3	1.1	1.1	.1							2.7	10.3
E	.1	.5	1.5	3.3	.3							5.8	11.6
ESE		.4	.9	3.2	.5							4.9	12.1
SE	.2	.2	1.7	1.5	.3							4.4	9.9
SSE	.1	.2	.8	1.4								2.9	10.1
S	.2	1.3	2.6	2.7	.4							6.6	10.3
SSW	.2	1.1	2.4	2.8	.4	.3						7.2	10.9
SW	.1	1.4	1.5	2.9	1.1	.2						7.2	12.0
WSW	.5	1.1	2.9	1.9	.6							7.1	9.6
W	.2	1.7	2.8	2.7	.3	.2						8.0	9.9
WNW	.1	.4	.3	.5	.3	.1						1.9	10.3
NW		.1	1.2	.5	.1	.2						2.3	11.1
NNW	.1	.2	1.4	.4								3.1	7.7
VARBL			5.2	4.1	.9	.1						10.2	11.4
CALM												1.9	
	3.9	12.8	36.5	37.4	6.7	1.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

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

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	7.1	5.2	1.2	.1							14.4	7.5
NNE	.9	2.2	4.0	2.3								9.2	8.3
NE	.7	1.0	2.5	2.5								6.1	9.6
ENE	.5	.3	1.1	1.0		.1						3.0	8.8
E	.1	2.3	3.7	2.7	.1							8.8	8.3
ESE	.3	1.2	2.8	1.6								5.7	9.1
SE	.6	.8	2.4	.6								4.4	7.7
SSE	.4	1.6	2.2	.8	.1							5.1	7.3
S	.9	3.1	4.2	.9	.1							9.1	7.5
SSW	.3	2.3	2.4	1.4	.4	.1						7.3	8.5
SW	.5	1.5	1.5	1.9	.4	.2	.1					6.2	10.1
WSW	1.0	1.1	1.7	1.4	.5							5.7	8.9
W	.8	1.4	2.0	1.5								5.7	8.1
WNW	.2	.7	1.5	.3	.1	.1						3.1	9.1
NW	.3	.4	.3	.2								1.4	6.4
NNW	.3	1.1	.9	.1								2.4	6.2
VARBL			.5	.6	.3							1.5	12.6
CALM												4.7	
	6.4	24.3	38.7	21.0	2.3	.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.1	3.0	.3								8.8	5.9
NNE	.9	2.4	3.7	.3								7.2	6.6
NE	.3	1.5	1.4	.8	.1							4.1	7.5
ENE	.6	1.3	1.4	.2								3.5	6.3
E	2.2	4.1	2.9	.3								9.4	5.6
ESE	1.2	1.5	2.7	.1								4.3	6.1
SE	.8	3.7	1.4	.1								5.9	5.5
SSE	1.2	2.5	2.4	.4								6.5	6.1
S	1.4	4.1	3.8	.4	.2							9.8	6.6
SSW	1.3	2.6	2.7	1.2	.2	.2						8.0	7.5
SW	.8	2.3	1.8	2.0	.1							7.0	8.2
WSW	.3	1.3	1.9	.6								4.2	7.5
W	.3	1.3	1.1	.9								3.5	7.5
WNW	.2	.6	.4	.2								1.5	6.4
NW	.2	.8	.6									2.3	5.2
NNW	1.2	1.1	.9									3.1	4.9
VARBL			.2									.2	9.2
CALM												10.4	
	14.6	39.7	31.6	7.7	.6	.2						100.3	5.8

TOTAL NUMBER OF OBSERVATIONS 930

796

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)

'5'71 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) MAY (MONTH)

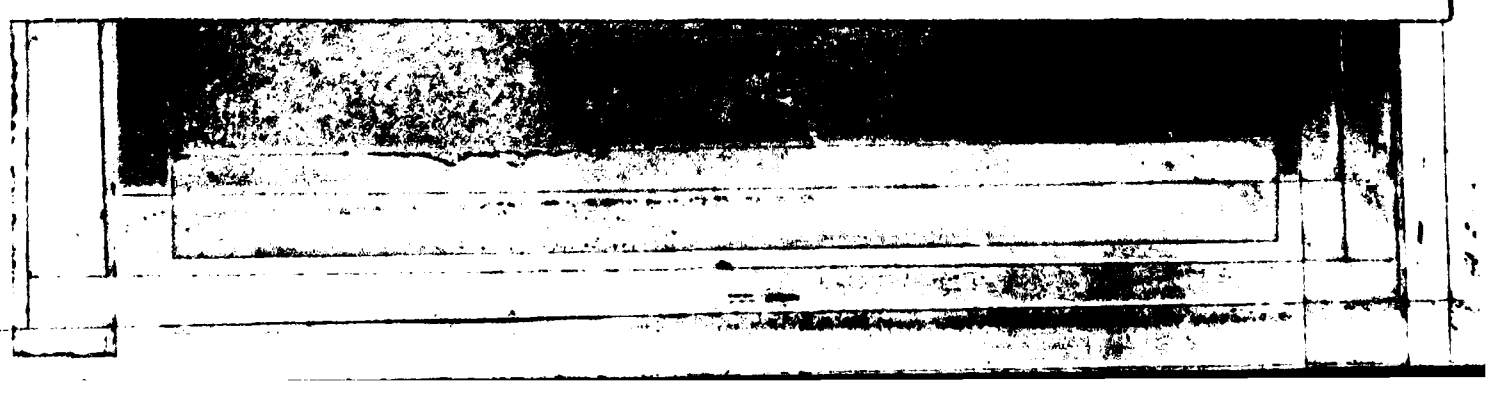
ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS 7440

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

75771	MILDENHALL RAF UK	74-83	JUN
STATION	STATION NAME	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	2.1	3.1	2.1	.9	.1							8.3	6.2
NNE	1.1	2.4	.8	.1								4.4	4.8
NE	.7	1.1	1.0									2.3	6.3
ENE	1.3	.2	.6	.2								2.3	5.1
E	1.8	1.7	1.6	.2								5.2	5.3
ESE	1.2	1.3	1.4									4.0	5.3
SE	1.3	1.9	.6									3.8	4.5
SSE	2.7	1.3	.1	.1								3.6	3.6
S	1.6	2.6	1.1	.4								5.7	5.4
SSW	1.8	2.3	1.7	.8								6.6	6.2
SW	1.3	5.6	4.7	.8								12.7	6.4
WSW	1.2	2.6	4.9	1.0	.1							9.7	7.4
W	1.5	2.7	2.1	.2								6.6	5.7
WNW	.8	1.1	.6	.7								3.0	6.9
NW	.5	1.8	.3									2.7	4.7
NNW	2.1	2.7	1.1	.2								5.4	4.8
VARBL			.1	.1								.2	11.5
CALM												13.6	
	22.2	34.3	23.9	5.8	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

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)

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

ALL WEATHER (CLASS)

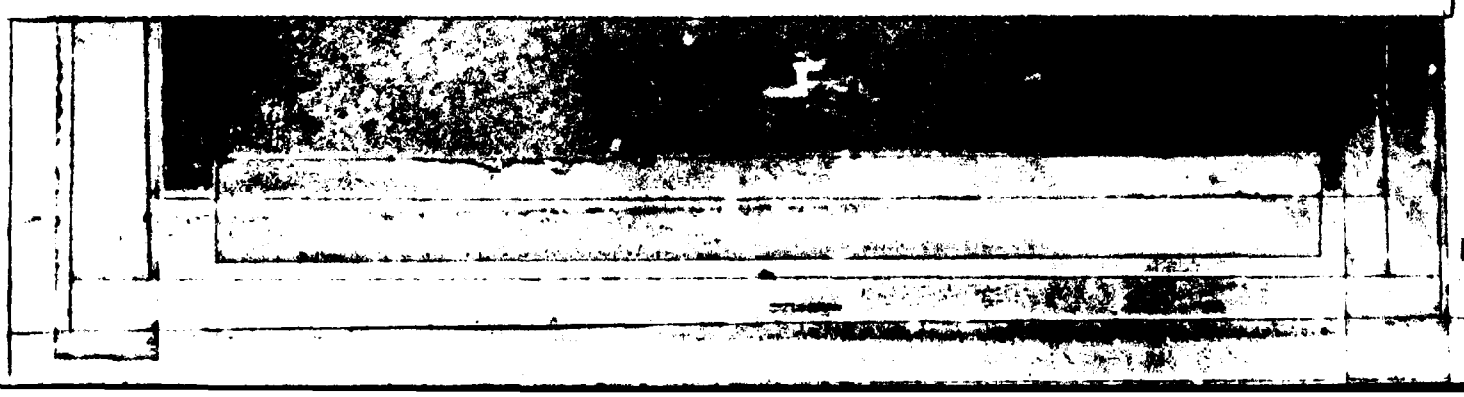
0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	1.8	.6								7.1	5.7
NNE	1.7	2.2	1.2									5.1	4.9
NE	.7	.8	1.6									3.1	6.0
ENE	.2	.7	.2									1.1	4.6
E	1.1	1.4	.9	.2	.1							3.7	6.0
ESE	1.6	1.4	.6	.2								3.8	4.7
SE	1.1	1.7	.7									3.4	4.5
SSE	1.1	1.7										2.1	3.5
S	1.8	1.8	1.2	.2								5.0	5.2
SSW	2.6	3.7	2.6	.6								9.3	5.5
SW	3.3	3.3	4.8	1.3								11.8	6.8
WSW	1.4	2.6	4.4	.8								9.2	6.8
W	1.9	3.3	2.1	.3	.1							7.2	6.2
WNW	.8	1.1	.9	.4								3.2	6.3
NW	.6	1.4	.4									2.4	5.2
NNW	2.3	2.9	1.7	.3								7.1	5.3
VARBL													
CALM												15.3	
	22.1	32.9	25.0	5.0	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.2	4.1	1.4								9.3	7.6
NNE	.7	2.4	3.3	.3								6.8	6.9
NE	.7	1.1	2.1	.4								3.9	7.3
ENE	.7	1.1	.3	.4								2.4	6.1
E	.3	.8	.9	.1								2.7	5.2
ESE	.2	.7	1.1	.6								2.7	7.7
SE	.4	1.1	1.4	.2								3.2	6.3
SSE	.2	1.1	.3	.2								1.8	5.8
S	.7	1.8	1.2	.4								4.3	6.3
SSW	.4	1.9	2.1	1.6								6.0	7.9
SW	1.1	2.3	4.2	2.9	.1							10.6	8.4
WSW	1.2	2.4	5.7	3.4								13.2	8.1
W	1.7	1.8	4.2	2.2	.3							10.2	8.0
WNW	.8	.9	2.1	1.4								5.1	8.5
NW	.3	1.1	1.4	1.3								3.8	8.0
NNW	1.1	2.2	1.4	.4								5.2	6.1
VARBL			1.7	.6								2.2	5.5
CALM												6.6	
	11.4	26.3	37.3	17.8	.4							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

15771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUN (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	.8	1.6	5.8	2.8	.1							10.1	8.9
NNE	.4	1.4	2.6	.6								5.0	7.5
NE	.4	.7	2.1	.9								4.3	8.1
ENE	.2	.7	.7	.2								1.8	7.1
E	.3	.3	.7	.4								2.3	7.3
ESE	.1	.7	.7	.2								1.7	7.7
SE	.1	1.1	1.1	.8								2.9	7.8
SSE	1.1	.9	.4	.1								2.4	5.0
S	.9	1.7	.9	.7								4.1	6.5
SSW	.7	.8	1.8	1.1								4.3	7.6
SW	.9	1.7	3.1	4.1								9.6	9.3
WSW	.3	2.2	2.9	3.2	.1							8.8	9.2
W	.9	2.1	4.1	4.8	.4							12.2	9.7
WNW	.8	.8	2.7	1.8	.3							6.3	9.2
NW	.4	1.1	1.8	1.1								4.4	8.3
NNW	.6	1.3	2.1	1.1								5.0	7.8
VARBL		.6	7.6	4.1	.4							12.6	9.9
CALM												2.1	
	8.6	20.2	40.2	27.4	1.5							100.0	8.5

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)

03771 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) JUN (MONTH)

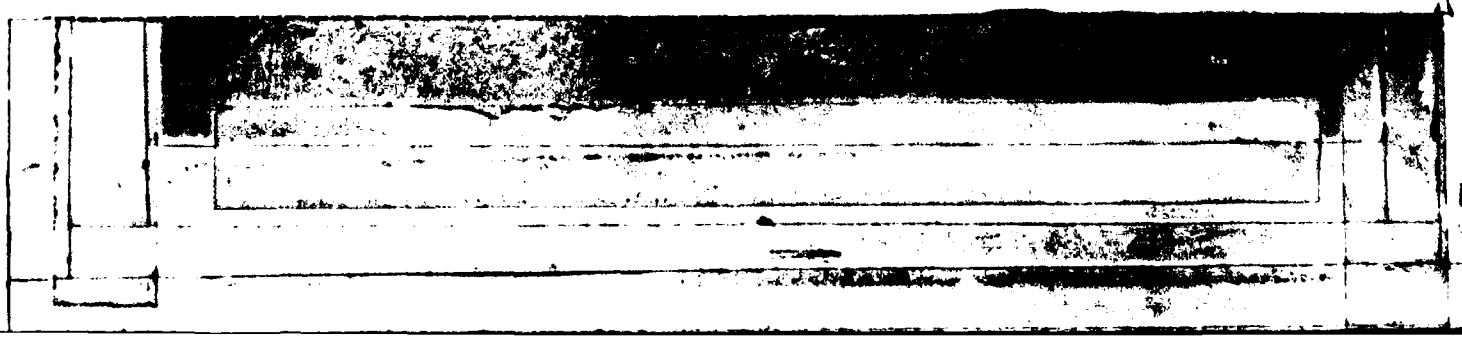
ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	6.2	2.6	.1							10.3	9.2
NNE	.2	1.4	2.6	1.4								5.7	8.4
NE	.4	.6	1.2	1.3	.1							3.7	9.2
ENE		.1	.3	.6								1.1	9.7
E	.4	.2	1.1	.8								3.1	7.8
ESE	.1	.4	1.0	.4	.1							2.2	8.7
SE	.1	.3	.4	.9								1.8	9.8
SSE	.4	.3	.8	.6	.1							2.2	8.5
S	.3	1.2	1.2	1.3								4.1	8.8
SSW	.4	.8	1.7	1.3	.2							4.6	9.0
SW	.4	1.1	2.9	4.1	.4							6.8	10.6
WSW	.4	1.7	2.4	3.9	.7							9.3	10.1
W	.6	2.1	2.6	5.1	.4							10.7	10.3
WNW	.2	1.1	1.9	1.8	.6	.1						5.4	10.4
NW	.2	.7	.9	1.1	.1							2.9	9.5
NNW	.1	1.3	2.6	1.1								5.0	8.2
VARBL		.7	10.7	6.0	.4							17.8	9.5
CALM												1.3	
	4.7	16.4	40.3	34.0	3.3	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

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



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

SURFACE WINDS

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

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

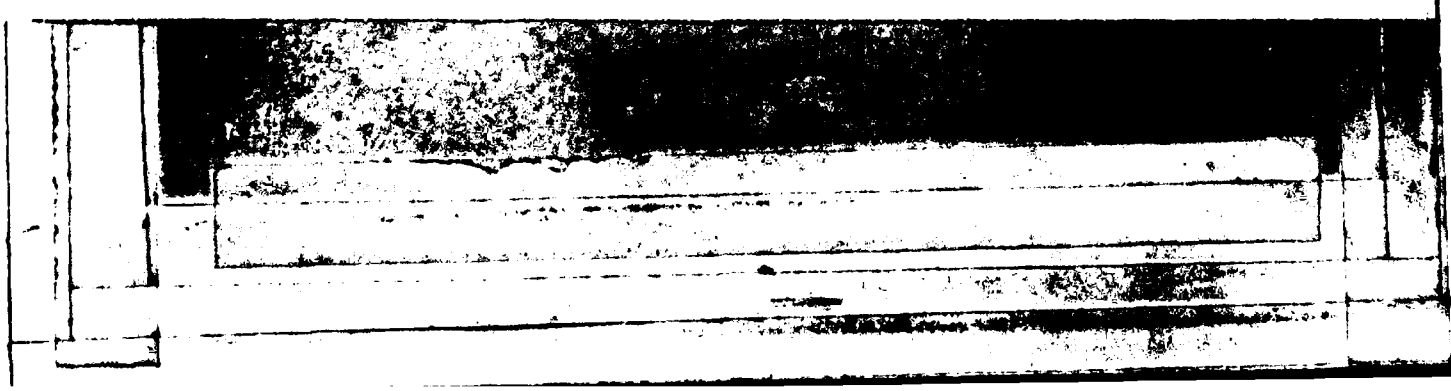
ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	6.3	3.1	.1							12.9	8.9
NNE	.9	1.3	4.0	1.7								7.9	8.8
NE	.7	1.7	.6	1.8								3.4	9.4
ENE		.3	.9	.4								1.6	9.8
E	.7	.9	2.1	1.6								5.2	8.4
ESE	.1	.7	1.2	.3								2.3	7.8
SE	.1	.4	.9	.9								2.2	9.3
SSE	.1	.9	1.3	.3								2.3	8.1
S	.4	.3	2.1	.9	.1							4.4	8.9
SSW	.6	.9	1.7	.9	.2	.2						4.4	9.2
SW	.9	.9	2.4	3.2	.3							7.6	9.9
WSW	.7	.4	4.6	3.9	.4	.1						9.8	10.8
W	.4	1.9	3.7	5.2	.4							11.6	10.3
WNW	.7	.4	1.2	1.9	.2							4.1	10.6
NW	.1	1.1	1.4	1.7	.1							3.8	8.9
NNW	.5	1.9	1.7	.3	.1							3.9	6.7
VARBL		.3	8.1	2.8	.1							11.3	9.7
CALM												1.7	
	5.7	16.6	47.3	30.2	2.3	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

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)

72271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (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	1.2	2.6	5.5	2.2								11.5	7.7
NNE	.4	1.9	5.2	1.3								9.1	7.9
NE	.1	1.4	3.7	.4								5.9	7.6
ENE	.1	1.0	.3	.7								2.7	8.1
E	.2	2.1	3.4	.4								6.9	6.9
ESE	.2	1.4	1.4	.9								4.0	7.6
SE	.1	2.1	2.7	.3								5.2	7.1
SSE	.4	.9	.8		.1							2.3	6.0
S	.5	1.2	.7	.2								2.7	6.3
SSW	1.1	1.6	2.1	.4	.2	.1						5.5	7.3
SW	.7	2.9	4.3	2.0								9.9	8.1
WSW	1.1	2.1	5.3	2.0								10.3	8.2
W	1.2	2.1	4.1	1.7	.2							10.1	8.1
WNW	.4	.7	1.6	1.2	.1							4.0	8.9
NW	.1	.2	1.1	.6								2.1	8.8
NNW	1.1	.3	1.1	.3								3.2	5.9
VARBL		.1	.5	.8								1.4	10.7
CALM												3.3	
	1.5	24.9	45.1	15.6	.7	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 899

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

L EAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF UK	70-83	JUN

CLASS: ALL WEATHER

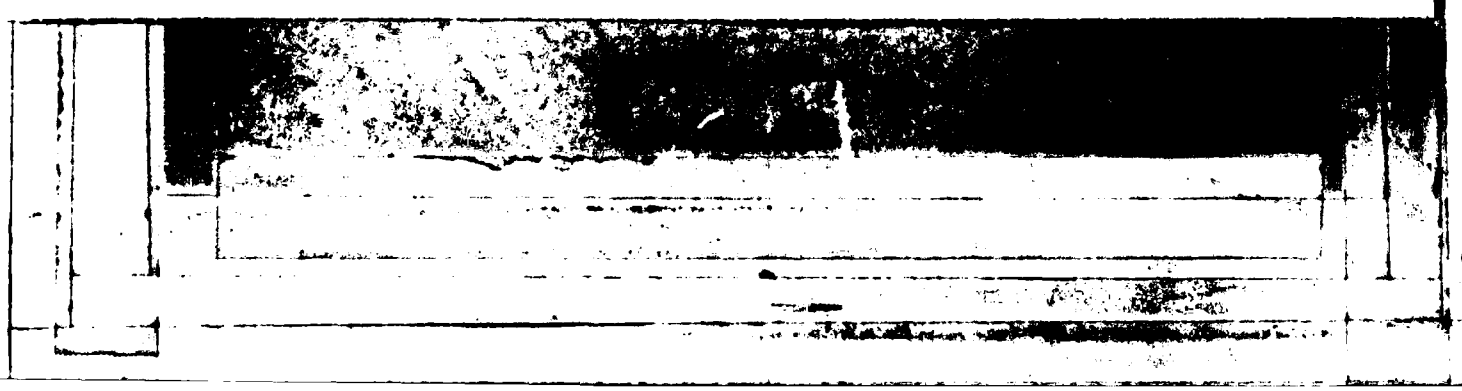
HOURS (L.S.T.): 1100-2300

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.9	2.2	1.1								8.3	6.5
NNE	.9	3.7	2.4	.2								6.2	6.1
NE	.4	1.4	1.3	.1								3.4	6.1
ENE	.1	2.4	.3	.1								3.2	5.3
E	1.1	2.7	1.8	.4								6.0	6.1
ESE	.3	2.3	1.2	.1								4.4	5.5
SE	1.6	2.3	1.2									5.1	4.6
SSE	.3	2.7	.7	.1								4.3	4.9
S	2.4	2.4	1.2	.3								6.6	4.9
SSW	1.1	2.6	.9	.6		.1						5.1	6.2
SW	.3	4.9	5.1	1.8	.3							12.4	7.1
WSW	.7	2.4	2.6	1.2								6.9	7.1
W	.7	3.2	2.7	.2								7.3	6.1
WNW	1.1	1.2	1.2	.4								4.3	6.3
NW	1.1	.9	.3	.3								2.6	5.3
NNW	1.3	.6	.3	.7								2.6	5.5
VARBL			.3	.2								.6	10.9
CALM												11.0	
	16.3	38.9	25.8	7.7	.3	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

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



...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

7571 (STATION) MILDENHALL RAF (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	4.2	1.8	.1							9.7	7.8
NNE	.2	2.1	2.8	.7								5.3	7.1
NE	.4	1.1	1.7	.6	.1							3.8	7.6
ENE	.4	.3	.5	.3								2.0	6.7
E	.2	1.4	1.5	.5	.2							4.4	6.6
ESE	.5	1.2	1.1	.3	.1							3.1	6.6
SE	.6	1.3	1.1	.4								3.5	6.3
SSE	.3	1.1	.6	.2	.1							2.6	5.5
S	1.1	1.7	1.2	.6	.1							4.6	6.2
SSW	1.1	1.3	1.8	.9	.1	.1						5.7	7.1
SW	1.2	2.3	3.9	2.5	.1							10.4	8.1
WSW	.3	2.1	4.1	2.4	.2	.1						9.7	8.5
W	1.1	2.9	3.3	2.5	.3							9.9	8.4
WNW	.5	.9	1.5	1.2	.2	.1						4.9	8.6
NW	.5	1.1	1.0	.6	.5							3.1	7.5
NNW	1.2	1.6	1.4	.6	.1							4.7	6.3
VARBL		.1	3.6	1.8	.1							5.3	9.9
CALM												6.8	
	12.7	26.3	35.1	17.9	1.1	.1						100.0	7.1

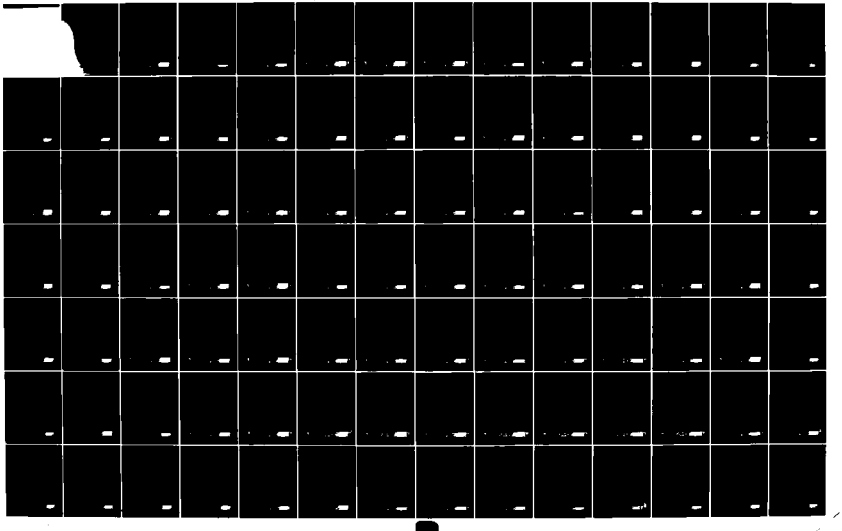
TOTAL NUMBER OF OBSERVATIONS 7199

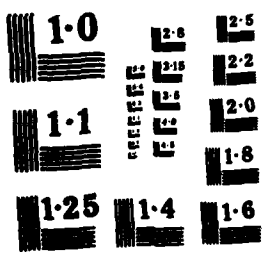
USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

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

2/5




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

9771 — STATION
WILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	.4	.1								5.2	4.5
NNE	1.1	1.5	1.1	.1								4.1	5.1
NE	.2	.9	.7									1.7	4.2
ENE	.5	.2	.6	.1								1.9	5.6
E	.1	2.5	.6									4.2	4.6
ESE	1.3	.1	.6									2.9	4.5
SE	1.3	1.1	.3									3.4	4.2
SSE	.2	1.5	.2									2.9	4.2
S	1.4	2.5	.2									4.8	4.6
SSW	2.1	2.5	1.9	.4								7.3	5.5
SW	1.1	4.4	5.8	1.8								14.1	6.9
WSW	1.3	2.1	3.8	1.7	.1							9.2	6.9
W	.1	4.2	3.3	.1								8.7	6.1
WNW	.5	1.1	1.2	.1								2.5	6.5
NW	1.1	2.3	.9	.9								4.9	6.3
NNW	.9	.5	.5									2.4	4.9
VARBL			.1	.1								.2	10.3
CALM												10.2	
	18.7	31.8	22.6	4.9	.1							100.1	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

...RAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) MILDENHALL RAF (STATION NAME) UK — 74-63 (YEARS) — JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.3	.1	.2							5.4	5.8
NNE	.8	1.9	.4									3.1	4.6
NE	1.1	.4	.2	.2								1.9	4.5
ENE	.5	.5	.4	.1								1.6	5.3
E	.3	1.1	.9	.1								2.5	5.7
ESE	1.1	1.1	.8									2.9	4.6
SE	.5	1.1	.3									2.3	4.5
SSE	1.1	.9	.4									2.5	3.7
S	1.2	1.3	1.6	.1								4.2	5.4
SSW	2.3	2.4	2.5	1.3								8.6	6.3
SW	1.9	6.1	4.7	1.0								13.7	6.2
WSW	1.6	2.8	3.5	.3	.1							3.4	6.4
W	2.2	2.1	4.5	.7								9.9	6.2
WNW	.6	.6	1.4									2.7	6.2
NW	.3	1.0	.5	.8								2.6	7.6
NNW	1.9	1.3	1.1	.1								4.3	4.8
VARBL			.1									.1	10.3
CALM												23.7	
	22.0	27.4	24.5	4.1	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 933

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7271 — STATION
HILDENHALL RAF UK — STATION NAME
73-83 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED KNTS/ DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.2	.4	.1							6.2	6.4
NNE	.	1.5	1.5	.3								3.5	6.6
NE	.	1.3	.5	.2								2.9	5.4
ENE	.	.6	.9	.2								2.3	6.5
E	1.1	1.3	1.7	.4								4.2	5.7
ESE	.3	.3	.6	.1								1.3	5.9
SE	.5	.5	.3	.2								1.7	5.4
SSE	.	.5	.7									1.3	4.3
S	1.4	1.1	1.4	.3								5.1	5.4
SSW	.9	1.4	2.6	1.4	.1							6.2	8.2
SW	1.5	1.9	5.9	2.4	.2							11.9	8.3
WSW	.3	2.7	5.1	1.7								10.2	8.0
W	1.7	3.5	5.8	1.7	.1							12.5	7.3
WNW	.8	1.1	2.7	1.3								5.7	8.3
NW	.5	1.3	1.9	1.3								5.1	7.9
NNW	.8	2.4	2.1	.2								5.4	6.5
VARBL			1.9	.2								2.2	3.7
CALM												11.7	
	13.5	25.1	36.7	12.5	.5							100.3	6.3

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7371 (STATION) MILDENHALL RAF UK (STATION NAME) 74-63 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.7	1.7								8.3	7.4
NNE	.5	1.6	2.4	.5								5.1	7.3
NE	.4	1.6	1.5	.8								4.3	7.7
ENE	.4	1.	.3	.4								2.2	6.1
E	.4	1.	1.2	.6	.1							3.3	7.8
ESE	.7	.6	.6	.2								1.8	6.8
SE	.4	.5	.8	.1								1.8	6.5
SSE	.0	.8	.2	.3								2.2	5.4
S	.5	.2	.4	.4	.1							2.4	7.2
SSW	.7	1.1	1.8	1.6	.3							5.2	9.8
SW	.5	.8	2.9	3.2	.1							7.6	9.8
WSW	1.1	1.3	3.9	3.8	.1							10.1	9.5
W	.9	2.4	5.1	4.5	.5							13.2	9.9
WNW	.5	1.7	2.4	2.3	.1							7.0	8.8
NW	.3	1.5	2.3	1.		.1						5.7	7.7
NNW	.9	1.1	1.3	1.								4.2	7.4
VARBL	.1		9.9	2.9								12.5	9.5
CALM												3.9	
	1.3	20.5	39.0	25.8	1.4	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 972

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

...RAL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...71	MILDENHALL RAF ...K	71-83	JUL

CLASS: ALL WEATHER

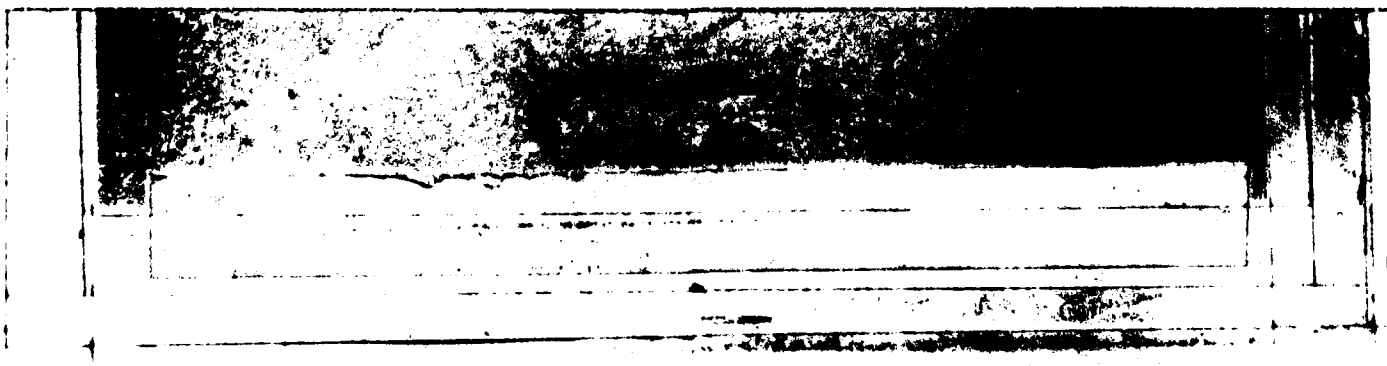
HOURS (L.S.T.): 1200-1400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.2	2.5	2.2	.1							7.5	6.3
NNE	.3	1.1	2.4	.6								4.4	7.3
NE	.3	.6	1.4	.6								2.7	6.3
ENE	.1	.4	.4	.3	.1							1.5	7.6
E	.3	1.7	1.9	.5								4.5	7.4
ESE	.4	.3	.3	.9								1.9	7.1
SE	.3	.4	.3									1.1	5.3
SSE	.0	.4	.1									1.2	3.9
S	.0	.3	.5	.2	.2							2.4	6.8
SSW	.1	.6	1.0	1.7	.3							3.8	10.7
SW	.2	.8	2.4	4.4	.3							8.1	11.3
WSW	.3	.3	4.1	4.2	.6							10.0	10.9
W	1.1	1.7	5.6	6.6	.3	.3						15.6	10.2
WNW	.0	1.5	2.4	1.2	.3							6.3	8.1
NW	.4	1.4	1.7	1.4	.2							5.2	9.7
NNW	.3	1.7	2.7	.8								5.3	7.1
VARBL	.0	.2	11.1	4.1	.1							15.5	9.6
CALM												2.7	
	7.7	17.4	40.1	29.0	2.7	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5271 MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	4.6	1.9								9.8	7.9
NNE	.4	.6	2.6	.9								4.5	6.4
NE	.2	.8	1.3	.8								2.9	8.8
ENE	.1	.9	1.1	.8								2.7	8.4
E	.7	1.3	2.1	1.3								4.9	8.2
ESE	.4	.2	.4	.3								1.4	7.2
SE	.5	.1	.5	.4								1.6	7.7
SSE	.8	.5	.8									2.2	5.2
S	.2	.4	1.2	.2								2.0	7.5
SSW	.2	1.1	1.2	1.1	.1							3.7	8.7
SW	.1	.5	2.3	3.2	.6							7.0	11.3
WSW	.2	1.1	1.9	4.7	.5							8.5	11.1
W	1.1	3.5	4.8	4.5	.8	.2						14.9	9.9
WNW	.6	2.2	1.9	2.1	.4							7.2	8.7
NW	.5	1.5	2.2	1.2	.1							5.6	8.1
NNW	1.1	2.1	2.1	.4								5.5	6.5
VARBL			.2	5.1	.5							13.8	10.3
CALM												1.8	
	7.7	19.4	38.9	28.8	3.1	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

5 71 — STATION
MILDENHALL RAF UK — STATION NAME
70-83 — YEARS
JUL — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	3.2	.9								6.9	7.0
NNE	.5	1.8	2.9	.3								5.6	6.7
NE	.7	1.2	2.4	.6								4.4	7.9
ENE	.7	1.1	2.4	.1								3.8	7.1
E	.7	3.1	4.1	.6								8.5	7.3
ESE	.5	1.3	1.6	.1								3.5	6.9
SE	.4	.6	2.3	.1								3.4	6.9
SSE	.5	.6	1.7									2.9	6.6
S	.1	1.3	1.9	.3								4.2	6.9
SSW	.5	1.1	2.2	1.0								4.7	7.9
SW	.5	2.1	2.4	3.4	.1							8.5	9.2
WSW	.5	2.1	3.2	2.3	.2							8.4	8.7
W	1.9	5.1	3.2	1.3	.3							11.4	6.7
WNW	.3	1.1	2.3	1.5	.2							5.4	8.9
NW	.7	1.2	1.9	1.2								5.2	7.3
NNW	.3	1.9	1.6	.3								4.1	6.1
VARBL			1.5	.5	.1							2.2	9.9
CALM												7.1	
	9.9	27.3	40.8	19.6	1.0							100.1	7.3

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4271 (STATION) MILDENHALL RAF UK (STATION NAME) 7[illegible]-P[illegible] (YEARS) JUL (MONTH)

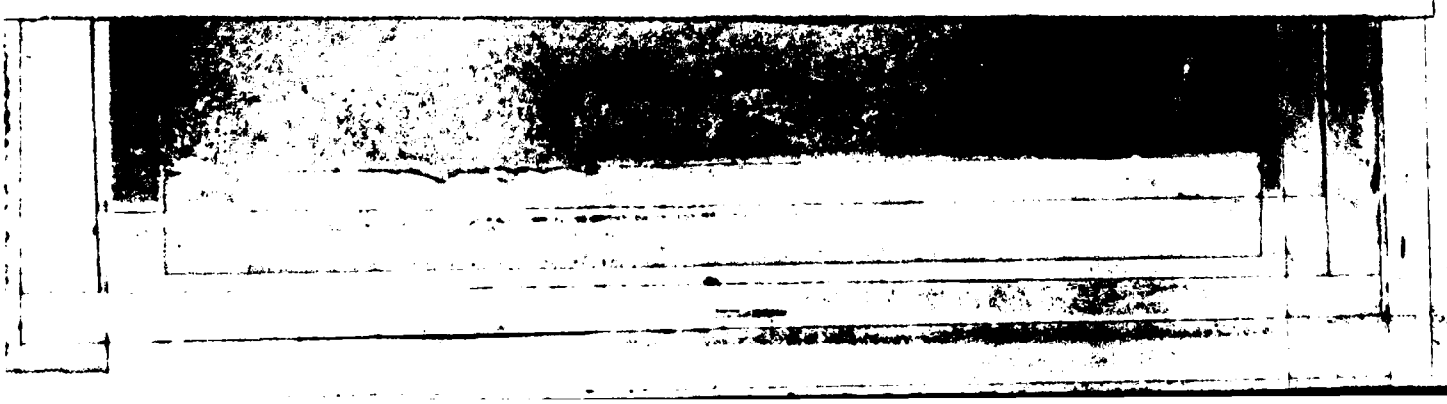
ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(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	1.3	2.6	.9	.1								5.4	4.7
NNE	.9	1.7	1.1	.1								3.8	5.8
NE	.1	1.6	1.9									3.8	6.3
ENE	1.1	2.6	.6	.1								4.6	4.6
E	1.1	3.2	1.1									5.7	4.3
ESE	1.4	2.2	1.1									4.6	4.9
SE	.9	2.6	.9									4.3	5.1
SSE	1.1	2.9	.9									4.8	4.7
S	1.9	2.8	1.1	.2								5.9	4.7
SSW	1.2	1.9	2.1	1.7								6.8	7.5
SW	2.2	4.1	3.8	1.5								11.5	6.7
WSW	1.1	2.1	2.9	.5								6.8	6.7
W	.9	3.8	2.6	1.1								8.2	6.6
WNW	.4	1.6	1.6	.1								3.8	6.6
NW	.5	1.2	1.1	.1								2.9	6.3
NNW	.8	1.1	.8	.2								2.8	5.7
VARBL			.6	.2								.9	9.4
CALM												14.0	
	17.7	37.7	28.6	5.9								[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...77 — STATION
...ILDENHALL RAF UK — STATION NAME
74-83 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

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

TOTAL NUMBER OF OBSERVATIONS ...489

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

...CAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (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	1.1	2.3	1.1									4.5	4.8
NNE	1.1	1.3	.3									2.7	4.1
NE	.9	1.3	.6	.1								2.9	4.9
ENE	.8	.8	.4	.2								2.2	5.5
E	2.1	2.4	.3									4.7	4.1
ESE	1.7	2.3	.3									4.3	3.9
SE	1.1	2.3	.3									3.7	3.9
SSE	1.3	.3	.4	.2								2.8	4.9
S	2.5	2.1	1.1	.1								6.6	4.6
SSW	1.5	1.6	1.7	1.6								6.5	7.5
SW	1.6	4.4	5.1	.9								11.8	6.9
WSW	1.1	2.2	2.2	.6	.1							6.0	7.0
W	1.1	2.1	2.2	.9								6.3	6.6
WNW	1.1	.9	.6	.1								2.7	4.3
NW	1.1	1.6	1.2									3.9	5.3
NNW	.9	.8	1.	.1								2.6	5.5
VARBL			.1									.1	5.3
CALM												22.5	
	23.3	29.7	18.9	4.8	.1							100.1	4.1

TOTAL NUMBER OF OBSERVATIONS 929

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

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

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

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55		%	MEAN WIND SPEED
N	1.1	2.1	.4	.1								4.4	4.2
NNE	.3	.5	.4									1.7	3.9
NE	.3	.8	.9	.1								2.5	5.1
ENE	.3	1.3	.4	.3								2.4	5.6
E	1.1	1.9	.1									3.0	4.2
ESE	1.2	1.3	.4									3.7	3.9
SE	1.1	1.3	.5									3.1	4.2
SSE	1.4	1.4	.4	.1								3.3	4.3
S	1.4	2.6	1.4	.4								5.8	5.6
SSW	1.2	3.1	2.9	.2	.1							7.5	6.2
SW	1.4	3.5	3.5	1.1	.1							9.8	6.6
WSW	1.5	2.4	1.6	.8								6.3	6.0
W	.8	3.4	1.7	.9								6.8	6.3
WNW	.3	1.1	.6	.1								2.2	5.9
NW	1.2	1.9	1.1	.7								4.4	5.5
NNW	.8	2.2	.6									3.5	4.8
VARBL													
CALM												29.6	
	17.6	31.2	17.2	4.2	.2							100.3	3.3

TOTAL NUMBER OF OBSERVATIONS: 933

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...72 ...ILDENHALL RAF UK — 74-83 — AUG
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	1.7	2.3	1.1	.3								.3	5.1
NNE	.5	1.2	.5	.3								2.5	6.2
NE	.4	.6	1.1	.2								2.7	6.5
ENE	.3	1.1	.4	.4								2.3	6.3
E	.1	2.3	1.1	.1								4.5	5.2
ESE	.2	1.1	.8									4.0	4.1
SE	1.3	1.2	.2									2.7	3.9
SSE	.3	1.1	.8	.2								2.7	6.3
S	.2	1.3	2.2	.9								5.6	7.1
SSW	.4	1.3	2.8	1.1	.1							5.3	7.5
SW	.1	2.4	3.2	1.8	.1	.1						8.7	8.2
WSW	1.6	3.2	3.1	1.7	.1							9.3	6.3
W	1.3	3.5	3.8	1.3								10.9	6.4
WNW	1.6	2.1	1.8	.2	.2							5.5	5.9
NW	.2	2.3	1.4	.6								4.9	6.3
NNW	.4	2.4	1.5	.4								5.6	6.3
VARBL			.2	.2								1.1	9.1
CALM												15.2	
	10.8	30.3	26.5	9.0	.5	.1						100.2	5.8

TOTAL NUMBER OF OBSERVATIONS 93...

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

...AL CLIMATOLOGY BRANCH
...ETAC
...ATH & SERVICE/MAC

SURFACE WINDS

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

...71 ...ILDENHALL RAF ...K — 74-77 — AU...
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 03-11...
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	.7	2.7	2.6	1.1								6.7	7.1
NNE	1.7	1.7	1.2	.2								4.8	5.8
NE	.7	1.1	1.4	.5								3.9	7.3
ENE	.3	.9	.5	.5								2.7	6.7
E	1.2	1.4	2.9	.4	.1							6.6	6.3
ESE	1.1	1.2	.6	.4								3.2	6.1
SE	.3	1.6	.4									2.5	4.9
SSE	.3	.3	.5	.4								1.7	6.7
S	.6	1.3	1.4	.6								4.4	6.3
SSW	.3	.9	2.	1.3	.4							5.4	9.2
SW	.3	.2	1.7	2.8	.3	.2						6.7	10.4
WSW	1.0	1.3	2.7	3.0	.9							9.2	9.6
W	1.6	2.2	3.4	2.7	.3							10.1	8.1
WNW	.4	2.2	2.7	1.8								7.7	7.8
NW	.6	1.3	1.2	1.1								4.5	7.2
NNW	.4	2.3	2.5	1.3								6.7	6.9
VARBL			5.2	3.1								8.9	9.9
CALM												5.2	
	12.2	25.3	33.7	21.1	2.0	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 932

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

13171 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	3.7	1.3								7.7	7.6
NNE	.2	.5	2.0	.4								3.3	7.7
NE	.1	1.2	1.3	.6								3.4	7.7
ENE	.1	.7	1.2	.4								2.3	6.9
E	.1	1.8	1.3	.9	.1							4.2	7.9
ESE	.2	2.1	.2	.5								4.2	6.1
SE	1.2	1.5	.1	.1								2.9	4.4
SSE	.2	.4	.6	.1								1.7	6.2
S	.6	1.1	1.3	.4	.1							3.4	7.1
SSW	.6	.7	1.6	2.2	.3							5.6	9.9
SW	.1	1.6	2.2	2.6		.1						6.8	10.2
WSW	.5	1.4	1.3	2.7	.9							7.3	10.7
W	1.4	2.4	4.7	4.1	.1							12.6	8.7
WNW	.3	1.1	2.7	1.1								5.9	8.1
NW	.2	1.1	1.9	.3	.1							4.3	7.1
NNW	.1	1.9	2.2	.3								4.2	7.3
VARBL	.7	.5	1.3	4.9	.5							10.1	10.1
CALM												3.7	
	10.7	21.6	32.7	22.8	2.2	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 932

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) ...ILDENHALL RAF (STATION NAME) 71-82 (YEARS) ALL (MONTH)

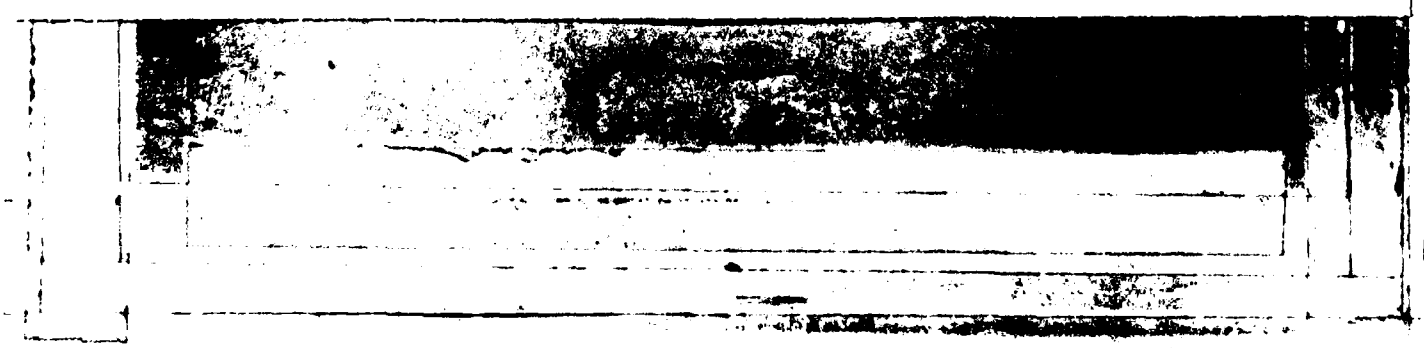
ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(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	.8	2.5	5.2	.8								8.8	7.6
NNE	.7	1.1	2.5	.5								4.3	8.1
NE	.4	.4	1.9	.6	.1							3.9	8.7
ENE	.4	1.5	1.7	.6								4.3	7.3
E	.3	1.1	2.3	.8								5.2	7.6
ESE	.7	1.1	1.1	.9								3.8	7.4
SE	.4	1.1	1.9	.3								3.4	7.6
SSE	.2	.3	1.5	.1	.3							2.8	8.1
S	.4	1.1	1.7	.5								3.5	7.6
SSW	.2	.5	1.1	2.1	.3							5.2	9.7
SW	.4	1.1	2.4	3.7	.4	.2						8.3	10.6
WSW	.4	.3	1.7	2.9	.6							5.7	11.5
W	1.1	2.1	4.1	3.7	.9							12.3	9.4
WNW	.4	1.9	3.3	1.3	.1							7.2	8.1
NW	.3	1.4	1.5	.3								4.3	6.4
NNW	.5	1.1	1.9	.4								4.4	6.6
VARBL		.3	6.7	3.2	.1	.1						10.2	10.2
CALM												3.5	
	7.3	21.3	42.7	22.9	2.8	.3						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 932

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



...TAL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

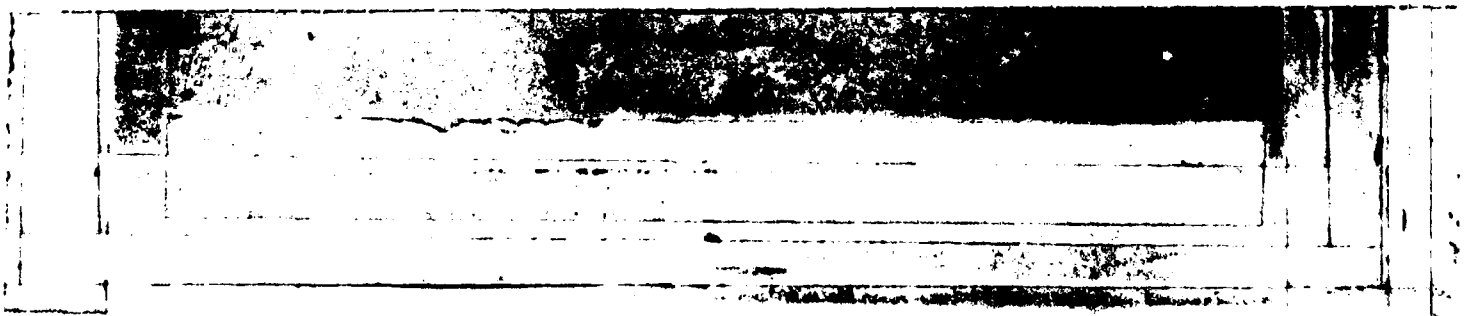
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2171 — STATION
ILDENHALL RAF ...K — STATION NAME
74-83 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
18UN-22UN — HOURS (L.S.T.)
CONDITION

SPEED (KNTS, DIR	1 - 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	.6	.1							8.3	5.8
NNE	1.1	1.9	2.3									5.1	5.5
NE	.9	1.1	2.4	.3	.1							6.7	5.5
ENE	1.4	1.4	1.0	.2								4.0	5.3
E	1.2	2.1	3.2	.3								7.5	6.3
ESE	.9	2.3	2.3	.3								5.8	6.4
SE	.8	2.1	2.2	.2								5.3	6.3
SSE	.9	1.9	1.5	.3	.1							4.3	6.6
S	1.0	1.2	2.4	.1								5.2	5.6
SSW	.6	1.3	1.5	.8								4.2	7.3
SW	.8	2.5	2.4	2.5	.1							8.1	8.7
WSW	.9	2.1	2.5	.8	.2							6.2	7.4
W	.5	2.3	4.8	1.1	.1							8.9	7.6
WNW	.5	.9	.8	1.7								2.9	8.1
NW	.8	1.8	.8	.8								3.7	6.6
NNW	.9	1.8	.5									7.2	4.9
VARBL			.4	.6								1.1	11.2
CALM												6.5	
	15.2	32.3	33.8	9.6	.8							100.1	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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



AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	...ILDENHALL RAF ...K	73-83	AUG

CLASS: ALL WEATHER

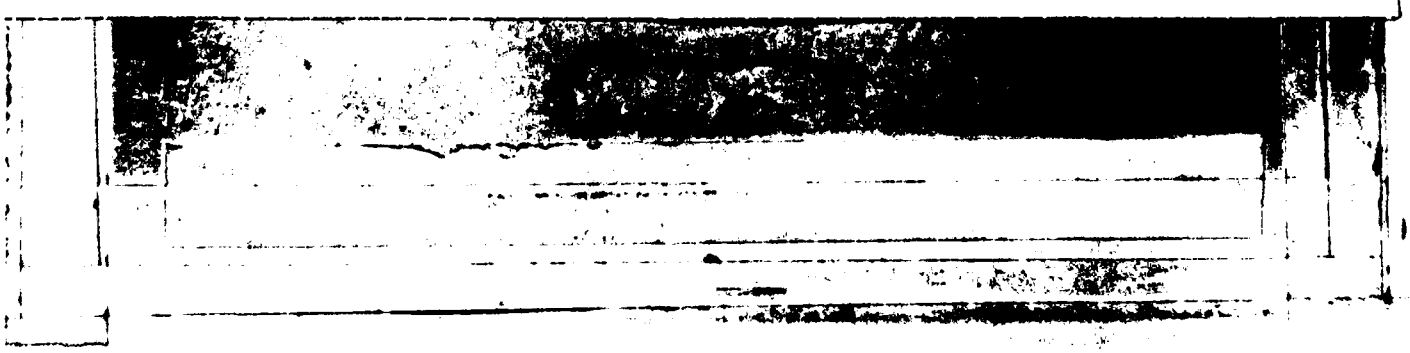
CONDITION:

HOURS (L.S.T.): 1300-2300

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	2.2	.2									[illegible].4	4.1
NNE	.1	2.3	.4									3.7	4.3
NE	1.[illegible]	2.4	1.0									5.1	4.8
ENE	1.1	1.[illegible]	.1	.[illegible]								3.3	5.1
E	2.[illegible]	3.1	1.2									6.[illegible]	4.3
ESE	.3	3.1	.[illegible]	.1								6.[illegible]	4.2
SE	3.4	4.[illegible]	.8	.1								9.[illegible]	4.3
SSE	.8	1.[illegible]	1.1	.2								3.7	5.7
S	1.[illegible]	2.4	1.1	.4								5.6	5.3
SSW	1.2	1.[illegible]	2.5	.[illegible]								6.3	6.7
SW	.8	4.2	2.[illegible]	1.4								9.2	7.2
WSW	.[illegible]	1.4	2.5	.4								4.4	7.7
W	.[illegible]	2.3	1.5	1.[illegible]								5.6	6.8
WNW	.[illegible]	1.[illegible]	.[illegible]	.4								3.0	6.1
NW	.1	1.6	.6	.1								2.7	6.3
NNW	1.[illegible]	1.5	.1									2.9	3.7
VARBL			.[illegible]	.1								.[illegible]	11.3
CALM												16.[illegible]	
	22.[illegible]	[illegible]7.6	18.[illegible]	5.5								[illegible]0.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS: 23[illegible]

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



...EAL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	2.1	.5	.1							6.4	6.1
NNE	.3	1.3	1.2	.2								3.0	5.9
NE	.2	1.4	1.3	.3	.1							3.2	6.4
ENE	.2	1.1	.9	.6								2.8	6.2
E	1.2	2.2	1.5	.3	.1							5.3	5.9
ESE	1.3	1.5	.8	.3								4.0	5.2
SE	1.2	2.1	.8	.1								4.2	4.9
SSE	.3	1.1	.8	.2	.1							2.9	5.1
S	1.2	1.9	.6	.4	.1							5.1	6.1
SSW	.3	1.7	2.1	1.1	.2							5.9	7.3
SW	.3	2.3	2.3	2.1	.1	.1						8.7	8.3
WSW	.2	1.8	2.3	1.2	.3							6.8	8.4
W	.2	2.6	1.3	1.3	.2							9.2	7.7
WNW	.1	1.3	1.6	.8	.1							4.8	7.3
NW	.2	1.4	1.2	.4	.1							4.2	6.3
NNW	.1	1.3	1.3	.3								4.1	6.2
VARBL	.1	.1	3.1	1.4	.1	.1						4.7	10.1
CALM												13.5	
	15.5	28.7	28.7	12.4	1.1	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7439

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

...AL CLIMATOLOGY BRANCH
...TAC
...ATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) ...ILLEYHALL RAF (STATION NAME) K ... (YEARS) ... (MONTH)

ALL WEATHER (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	.7	1.2	.4	.1								2.4	5.1
NNE	.6	.3	.3									1.2	5.4
NE	.5											.4	1.8
ENE	.2	.2										.6	3.2
E	.2	.3	.7	.3								2.5	5.7
ESE	1.1	1.3	1.1	.1								4.2	4.9
SE	2.3	2.6	1.2									6.1	4.5
SSE	1.7	1.4	.9	.4	.6							4.9	6.3
S	2.3	3.3	3.1	1.3								10.9	5.9
SSW	1.3	3.1	4.2	2.8	.3	.2	.1					12.9	8.5
SW	1.1	4.7	5.1	2.7	.4							14.3	7.8
WSW	1.1	2.4	2.1	2.4	.3	.1						9.4	8.8
W	.2	3.2	1.1	.6	.1							6.6	6.1
WNW	.3	1.3	.2	.3	.1	.1						3.1	7.7
NW	.3	.9	1.8	.2								3.2	6.3
NNW	1.4	.3	.3									2.6	4.2
VARBL			.1	.1	.1							.3	13.3
CALM												15.3	
	19.2	28.2	23.2	11.3	2.4	.4	.1					100.3	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER (CLASS) 0700-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS. DIR	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.2									2.0	4.7
NNE	.2	.3		.2								.8	6.1
NE	.1	.1										.2	3.5
ENE	.4	.2	.2									.8	4.4
E	.7	1.1	.4									2.2	5.1
ESE	1.1	2.6	1.4									5.1	5.2
SE	1.3	2.4	.2									4.0	4.1
SSE	1.7	1.3	1.7	.2	.1							5.0	6.3
S	3.1	2.3	2.8	.9	.3	.1						10.0	6.4
SSW	2.3	3.7	3.4	3.1		.1						12.7	7.4
SW	2.2	4.1	5.1	2.1	.1	.2						13.9	7.3
WSW	1.0	3.7	2.4	2.4	.9	.4						10.9	9.1
W	1.0	3.6	2.8	.1	.1							7.2	6.1
WNW	.2	.7	.4	.3								1.8	6.6
NW	.1	.6	1.1	.1	.1	.2						2.3	9.1
NNW	.4	.3	1.4		.1							2.9	7.2
VARBL				.2		.1						.4	16.3
CALM												17.9	
	16.3	29.1	22.7	10.6	1.8	1.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

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

...L CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 | MILDENHALL RAF UK | 74-83 | SEP
STATION | STATION NAME | YEARS | MONTH

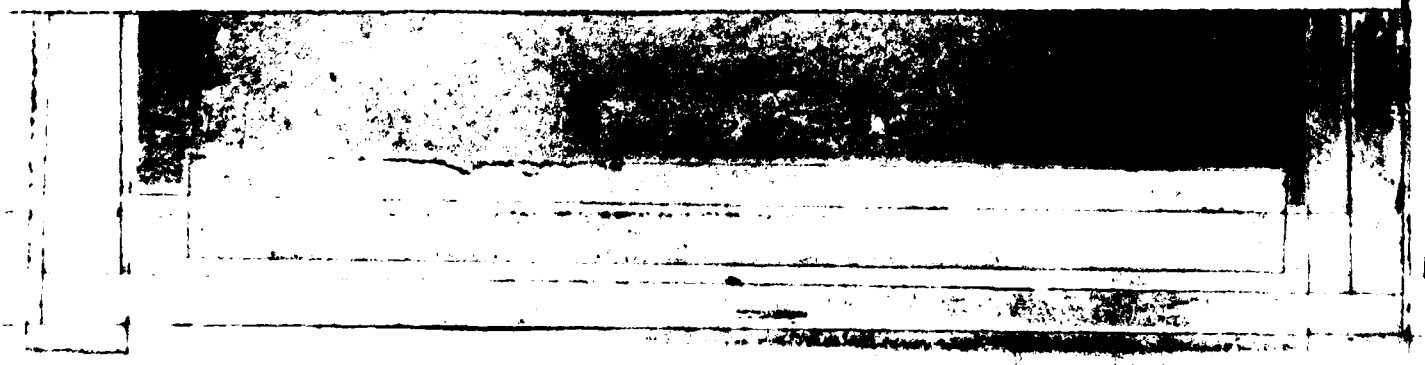
ALL WEATHER | 0000-0800
CLASS | HOURS (L.S.T.)

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	.4	1.1	.4	.2								2.1	6.1
NNE	.2	.3	.2	.1								1.3	4.6
NE	.2	.1										.3	3.1
ENE	.2	.2	.4									.8	6.1
E	.2	1.1	.2									.9	4.6
ESE	.3	1.3	1.1	.4								3.7	6.1
SE	1.1	2.3	.6	.4	.1							5.9	5.3
SSE	.3	1.9	2.1	.4								5.1	6.6
S	1.4	2.9	3.9	2.3	.2	.1						11.0	6.3
SSW	1.4	3.1	4.6	2.3	.2							12.3	7.6
SW	1.1	4.4	4.3	3.2	.2	.2						13.2	8.3
WSW	.9	3.7	3.1	2.6	.6	.2						10.5	8.6
W	.2	2.4	3.3	1.8	.7	.1						9.3	8.4
WNW	.2	.3	1.3	.3	.3							3.4	7.3
NW	.3	.3	1.2	.2	.3							2.9	8.3
NNW	.2	1.4	1.1	.1								2.7	6.6
VARBL			.2	.2	.2							.7	12.7
CALM	11.0											11.0	
	12.1	29.3	28.3	14.8	2.9	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 699

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



...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER (CLASS) 900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.9	.6								4.1	7.6
NNE	.4	.9	.7	.2								2.2	6.2
NE	.1	.2										.8	5.1
ENE	.1	.3	.3									.7	5.3
E	.4	.7	1.2	.1								2.7	6.6
ESE	.4	1.3	1.1	.3								3.1	6.4
SE	.3	.7	1.2	.3								2.6	7.3
SSE	.5	2.1	1.4	1.4	.2							5.6	9.4
S	.7	1.4	3.1	3.1	.8	.1						9.1	10.2
SSW	.3	1.8	4.1	5.1	.2							11.9	9.5
SW	.4	1.3	4.6	3.4	.7	.3	.1					10.9	11.1
WSW	.4	1.8	5.3	4.7	1.7	.3						14.2	11.1
W	.1	1.7	3.6	3.3	1.9	.4	.1					11.8	11.3
WNW	.2	1.7	2.3	1.7	.2							6.1	9.1
NW	.4	.1	2.0	.9	.3	.1						4.7	8.9
NNW	.1	.1	1.1	.4								3.3	7.1
VARBL			3.1	.7	.2							3.9	1.0
CALM												3.4	
	7.1	18.1	37.3	26.2	6.2	1.3	.2					100.1	9.3

TOTAL NUMBER OF OBSERVATIONS 990

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

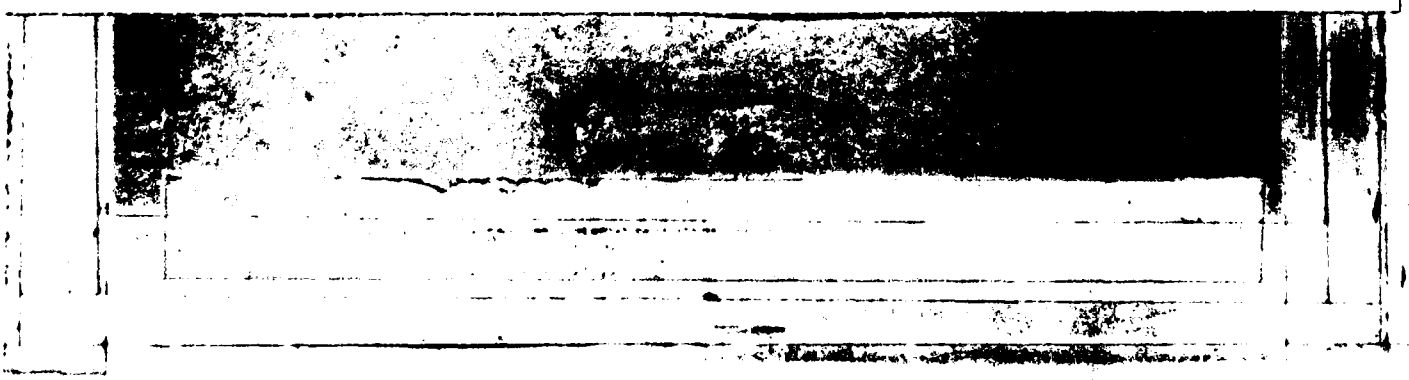
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5271 — STATION
...ILDENHALL RAF, K — STATION NAME
70-83 — 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	1.3	1.4	1.0								4.1	7.6
NNE	.3	.5	.8	.2								1.8	6.9
NE	.3	.4	.3									1.1	5.5
ENE		.4	.1									.6	6.1
E	.4	.3	.9	.2								1.8	7.3
ESE		.4	.9	.6								1.8	8.8
SE	.3	.9	1.1	.6	.1							3.1	7.8
SSE	.3	.3	1.1	.4	.3							2.3	10.1
S	.4	.6	3.1	2.2	.4	.6						7.2	11.3
SSW	.4	1.3	3.9	5.1	.3	.4						11.6	11.1
SW	.4	1.7	3.4	5.9	.6	.4		.1				12.6	11.5
WSW	.4	1.9	3.9	4.3	1.3	.4						11.9	11.4
W	1.2	2.1	4.3	5.1	1.7	.4						14.9	11.8
WNW	.3	1.1	1.6	2.7	.6	.3						7.1	11.4
NW	.4	1.2	2.1	.7	.2							4.3	8.5
NNW	.1	.4	.8	.3								1.7	7.9
VARBL			6.2	1.9	.1	.1						8.3	9.8
CALM												3.3	
	5.4	15.8	35.8	31.2	5.7	2.7		.1				100.2	9.9

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 MILDENHALL RAF UK — 74-83 (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	1.3	1.1	2.9	1.2								6.2	7.7
NNE	.1	.6	.3	.2								1.6	6.3
NE	.4	.2	.4									1.7	4.9
ENE	.2	.4	.6									1.3	5.9
E	.5	.8	1.3									2.7	6.3
ESE	.3	.9	1.6	.6								3.2	7.8
SE	.1	1.3	1.7	.1	.1							2.7	7.1
SSE	.4	1.3	2.6	.9	.1							5.3	8.1
S	1.7	1.3	1.1	.9	.8	.1						7.2	8.7
SSW	.3	1.2	3.6	3.6	.7	.7	.1					9.7	11.1
SW	.3	2.2	3.1	4.3	.4	.6						11.4	10.9
WSW	.4	1.7	3.8	4.2	1.1	.1						11.4	10.6
W	.2	4.2	5.2	5.1	1.3	.4						17.3	9.9
WNW	.3	.7	3.1	3.6	.2	.1						8.1	10.2
NW	.4	.7	1.2	.8								3.0	7.1
NNW	.3	1.1	.6	.2								2.1	6.4
VARBL			1.4	.9	.1							2.4	10.4
CALM												2.9	
	8.1	21.1	35.7	26.1	4.7	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 220

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

...BAL CLIMATOLOGY BRANCH
...ETAC
...ATION SERVICE/MAC

SURFACE WINDS

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

...71 | WILDENHALL RAF | K | 70-83 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1400-2000
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	2.2	.9	.4								4.7	5.9
NNE	.4	1.1	.3									1.9	5.1
NE	.3	.6	.3									1.2	3.9
ENE	1.3	.7	.4									2.4	4.1
E	1.1	2.1	.7	.1								3.9	5.1
ESE	.4	1.9	.9	.2								3.7	5.6
SE	.2	4.4	1.1	.3								6.9	5.4
SSE	1.3	3.3	1.3	.4	.1							6.6	5.9
S	1.9	3.4	3.3	.7	.2	.1						9.7	6.7
SSW	1.1	2.4	3.1	3.0		.1	.1					9.8	8.8
SW	.9	2.4	3.1	2.7	.4	.6	.1					10.1	9.9
WSW	.5	2.1	2.9	2.1	.6							6.4	8.2
W	1.7	3.9	3.4	1.0	.2							10.2	6.7
WNW	.5	.9	1.9	.9	.4	.2						4.6	9.7
NW	.6	1.3	1.0	.2	.1							3.1	6.6
NNW	.4	1.1	.6	.3								2.6	5.6
VARBL			.1	.4	.1							.7	14.5
CALM												9.8	
	10.1	33.8	25.1	12.9	2.2	.9	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-1 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

SURFACE WINDS

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

5571 (STATION) MILDENHALL RAF UK (STATION NAME) 7?-8? (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	.3									2.3	4.9
NNE	.5	.6	.2									1.2	4.5
NE	.3	.3	.3	.1								1.6	5.6
ENE	.3	.1	.1									.5	5.9
E	1.0	.3	.4									1.8	4.4
ESE	1.2	2.3	.9	.2								4.6	4.5
SE	1.2	3.3	1.1	.2								5.8	5.2
SSE	1.3	3.2	1.7	.3								6.5	5.3
S	2.2	3.2	3.4	1.1	.2	.1						11.2	7.1
SSW	1.2	3.2	3.8	3.9	.1							12.2	8.2
SW	1.4	2.1	3.1	3.2	.6	.1	.2					10.6	9.1
WSW	1.2	2.1	2.3	2.3	.3	.3						8.8	8.9
W	.7	1.1	1.9	.6								4.2	6.6
WNW	.9	1.6	1.4	.8	.2							4.1	7.9
NW	.3	.7	.8	.7								2.4	7.3
NNW	.4	.9	.8	.1								2.3	5.9
VARBL													
CALM												15.3	
	17.4	32.7	22.8	13.8	1.9	.6	.2					100.0	

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible] STATION | ILDENHALL RAF UK STATION NAME | 71-85 YEARS | SEP MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	1.1	.4								3.5	6.4
NNE	.4	.5	.4	.1								1.4	5.5
NE	.3	.3	.3	.1								.9	4.5
ENE	.3	.3	.3									1.0	4.7
E	.4	1.1	.4	.1								2.0	5.0
ESE	.4	1.4	1.1	.3								3.3	5.3
SE	.2	2.3	.9	.3	.1							4.7	5.5
SSE	.1	1.4	1.4	.4	.1							3.2	7.1
S	1.1	2.4	1.2	1.4	.4	.1						6.6	7.9
SSW	.2	2.4	3.8	3.6	.3	.1	.1					11.6	7.1
SW	1.2	2.1	4.1	3.4	.4	.3	.1	.1				12.2	9.3
WSW	.3	2.1	3.3	3.1	.9	.3						10.9	9.3
W	1.1	3.1	3.2	2.2	.3	.1	.1					11.4	8.8
WNW	.4	1.2	1.6	1.3	.3	.1						4.8	9.1
NW	.4	.3	1.3	.4	.1	.1						3.3	7.8
NNW	.2	.8	1.1	.2	.1							2.5	6.5
VARBL			1.4	.6	.1	.1						2.1	10.5
CALM												9.7	
	12.1	25.1	28.8	18.3	3.5	1.2	.1	.1				100.1	7.9

TOTAL NUMBER OF OBSERVATIONS 7109

USAFETAC FORM [illegible] 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)

1171	MILDENHALL RAF UK	74-83	OCT
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	.3	.9	.8	.3								2.3	5.1
NNE	.3	1.1	.2									1.5	4.8
NE	.1	.9	.8									2.1	5.4
ENE	.6	1.1	.6									1.7	5.2
E	1.5	1.1	.5									3.1	4.1
ESE	.9	2.1	1.3									5.2	5.1
SE	1.2	3.4	1.8	.1								6.3	5.1
SSE	1.9	3.3	1.1	.3								6.5	5.3
S	1.7	2.3	3.7	1.6	.1							9.9	7.3
SSW	1.9	2.3	2.5	1.4	.2							8.3	7.2
SW	.8	4.1	4.3	2.7	.5							11.7	8.4
WSW	.2	1.2	3.1	2.4	.3	.2						8.4	9.4
W	1.1	1.3	1.8	1.5	.3	.1						6.8	8.3
WNW	.2	1.3	.5	1.1	.2							3.5	6.5
NW	.1	.4	1.4	.9	.2							3.1	9.2
NNW	.3	.7	1.9	.9	.1							4.0	8.5
VARBL			.1	.3	.1							.6	13.7
CALM												14.7	
	13.9	3.5	25.6	12.9	2.3	.3						100.3	6.2

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ILDENHALL RAF UK	74-82	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): [illegible]00-0500

SPEED KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.1	.1	.2							2.4	7.5
NNE	.7	1.5	.3									2.5	4.3
NE		.3	.3	.1								1.3	7.1
ENE	.2	.6	.4	.2								1.6	6.5
E	1.1	.1	.2									2.6	3.6
ESE	1.3	2.3	1.6	.1								6.1	5.3
SE	1.9	2.7	1.2	.6								5.9	5.6
SSE	1.4	2.3	2.7	.2								6.6	5.7
S	1.4	3.6	3.1	1.3	.3							9.6	7.3
SSW	.1	2.1	2.9	1.7	.2							7.4	7.9
SW	1.9	4.1	2.3	2.3								10.5	7.4
WSW	.3	2.1	3.9	2.5	.1							9.3	8.5
W	.1	1.4	2.4	2.4	.6	.1						7.9	9.6
WNW	.3	1.1	.9	.5	.3							3.2	6.3
NW	.1	1.1	1.3	.2	.2							2.9	7.9
NNW	.3	1.1	.9	.8	.2							3.3	6.1
VARBL			.3	.3	.1							.8	13.6
CALM												16.5	
	14.5	27.9	25.9	13.3	2.2	.3						100.1	6.3

TOTAL NUMBER OF OBSERVATIONS 929

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

...TAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — STATION
...ILDENHALL RAF UK — STATION NAME
76-83 — YEARS
OCT — MONTH

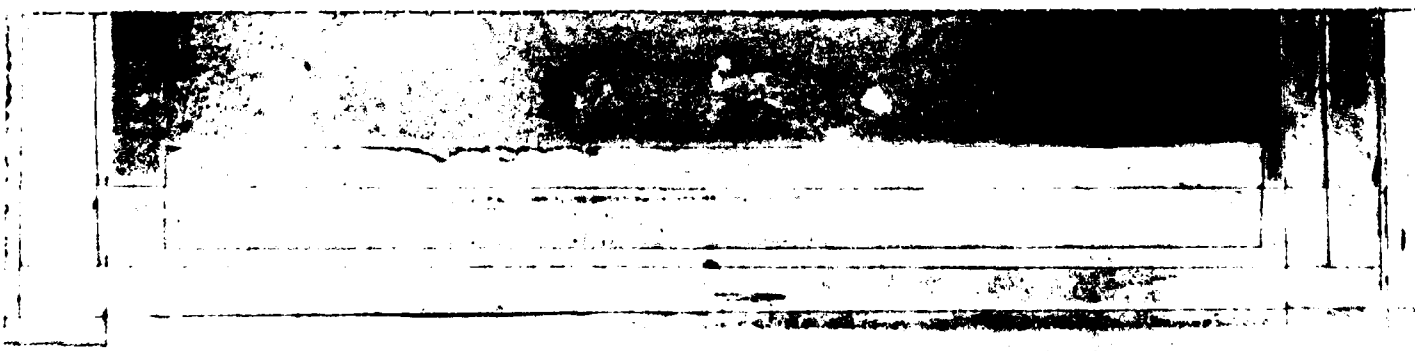
ALL WEATHER — CLASS
0700-0800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	.6	.3	.3							3.3	6.7
NNE	.9	.7	.5									1.2	6.2
NE	.9	.1	.1									1.1	4.3
ENE	.7	.7	.3	.1	.1	.1						1.7	7.8
E	1.3	1.1	.5	.1								2.9	4.8
ESE	1.4	2.6	1.2	.6								6.2	5.7
SE	.9	2.7	1.2	.1								4.5	5.7
SSE	1.3	2.4	1.9	.9	.1							7.1	6.3
S	1.2	4.1	3.3	1.7	.4	.1						11.7	7.3
SSW	1.7	1.9	2.3	1.9	.5							8.3	8.3
SW	1.1	2.1	1.3	3.1	.2							9.8	8.7
WSW	1.4	2.3	3.9	1.6								9.4	7.6
W	1.4	2.7	3.1	2.3	.5							9.9	8.2
WNW	.3	1.1	.4	.6	.3							2.8	8.9
NW	.1	.8	1.7	.4	.1							3.7	8.7
NNW	.5	1.1	.9	.4		.1						2.9	7.0
VARBL			.1	.1	.2							.4	14.8
CALM												13.2	
	16.2	27.1	25.8	16.6	2.9	.3						130.3	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...571	KILSENHALL RAF UK	74-82	OCT

CLASS: ALL WEATHER

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

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS: 930

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	WILDENHALL RAF UK	73-83	OCT

CLASS: ALL WEATHER?

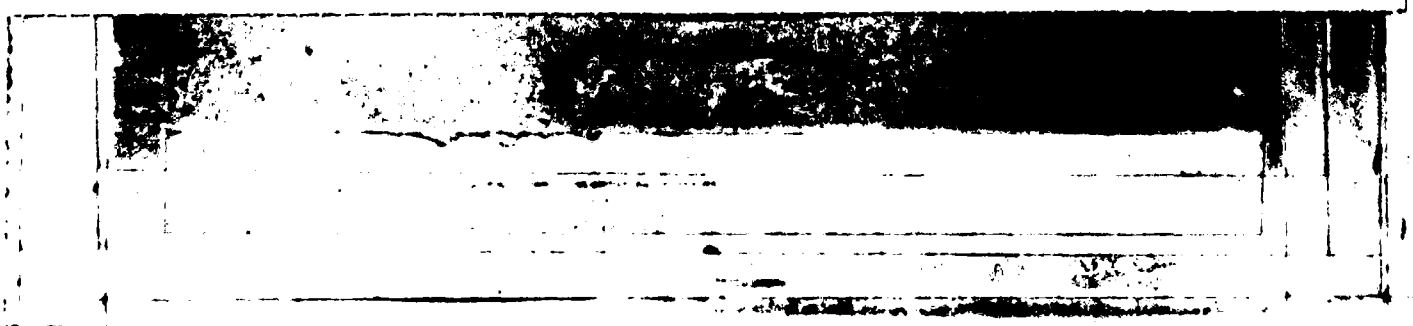
CONDITION:

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

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.3	1.6								5.8	8.5
NNE		.1	1.2	.5								1.9	9.6
NE	.2	.7	.4	.1	.2							1.1	1.3
ENE		.3	.8	.2								1.2	8.1
E	.2	1.1	1.6	.2								3.1	7.6
ESE	.2	.6	1.5	1.0	.1							3.7	9.2
SE	.1	1.5	1.6	1.7	.1							5.4	8.9
SSE	.2	1.3	2.7	2.2								6.6	9.1
S	.1	2.1	3.9	2.7	.2	.1						10.2	9.9
SSW	.1	1.2	3.1	1.9	.3	.4						7.6	10.8
SW	.3	.8	2.2	5.4	.9	.2						10.1	11.7
WSW	.1	1.2	2.6	3.1	1.3	1.1						9.6	12.3
W	.1	1.2	1.9	3.4	1.3	.3						9.3	11.0
WNW	.2	1.1	1.7	2.8	.8	.1						7.1	10.9
NW	.1	1.1	1.4	2.1	.5							5.5	10.2
NNW	.1	1.9	1.3	2.3	.3	.2						5.3	9.6
VARBL			1.5	1.5	.3							3.3	11.9
CALM												2.5	
	4.3	17.1	31.6	32.8	6.7	2.4						100.5	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

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



...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...7... MILDENHALL RAF ...K — 7...-8... — OCT
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1500-1700
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	1.2	2.6	2.5	1.5	.2							8.1	7.4
NNE	1.0	.9	.9	.2								2.9	6.1
NE	.1	.2	.5									.9	6.1
ENE	.3	.4	.9	.3								1.8	6.4
E	.9	1.2	1.1	.2								3.3	5.7
ESE	.9	1.4	1.2	.5								3.7	6.8
SE	.9	1.7	2.6	1.2								5.3	7.7
SSE	.9	2.3	2.4	1.1	.2							6.7	7.2
S	1.1	4.2	3.5	2.5	.1	.2						11.6	7.8
SSW	.9	1.4	2.8	2.4	.1							7.7	8.8
SW	.1	1.6	2.1	3.1	.3	.1						7.5	10.9
WSW	.4	1.7	2.5	2.6	1.2	.1						8.3	10.2
W	.4	2.9	3.4	2.7	.8	.2						9.5	9.3
WNW	.1	.1	2.2	1.9	.3	.2						6.7	10.1
NW	.4	1.2	1.6	1.1	.2							4.5	8.6
NNW	.4	1.2	1.2	.9	.1							4.0	7.7
VARBL			.1	1.3	.5							2.2	14.4
CALM												5.7	
	1.9	25.2	31.2	22.7	3.9	.8						100.1	8.3

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)

6271 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.3	.2								4.4	5.8
NNE	.4	.7	.2									1.4	4.3
NE	.3	1.1	.1									1.6	5.1
ENE	.4	1.2	.1									1.7	4.6
E	1.8	1.5	.9									3.3	4.2
ESE	1.3	2.1	1.6	.3								6.1	5.6
SE	.2	2.8	1.9	.4	.1	.1						6.3	6.9
SSE	1.2	3.1	1.4	.8								6.8	6.0
S	1.7	4.7	4.1	1.8	.1							12.3	7.0
SSW	1.1	1.1	1.9	2.7	.3	.1						7.0	9.5
SW	1.1	2.7	2.8	2.1		.4						9.1	8.4
WSW	.6	1.6	2.1	3.1	.2							7.6	9.5
W	1.2	2.8	3.1	1.1	.2							8.6	6.9
WNW	.5	.9	1.1	1.6								4.2	8.4
NW	.2	1.1	1.3	.5								3.4	7.1
NNW	.9	.9	1.2	1.1								3.5	7.4
VARBL			.2	.3	.2							.8	13.8
CALM												11.2	
	14.2	31.8	28.9	15.9	1.2	.6						100.1	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... | MILDENHALL RAF UK | 74-83 | OCT
STATION | STATION NAME | YEARS | MONTH

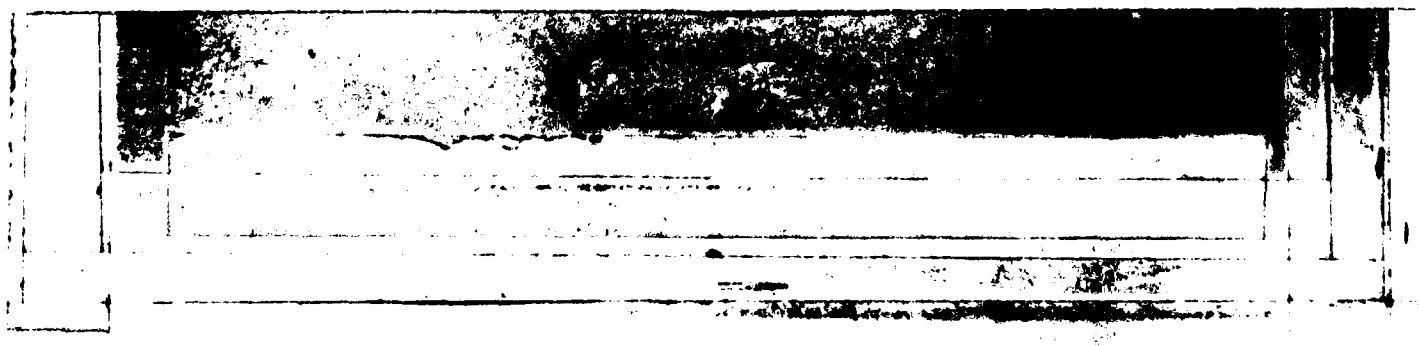
ALL WEATHER | 2100-2300
CLASS | HOURS (L.S.T.)

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	1.3	.4									1.2	5.2
NNE	.3	1.1	.3									1.7	5.1
NE	.3	.3	.4									1.0	5.0
ENE	.4	.7	.3	.1								1.7	5.4
E	.3	1.4	.7									2.5	4.3
ESE	1.3	2.3	1.2									5.4	4.9
SE	1.	2.	1.4	.3	.1							5.6	5.3
SSE	.3	2.3	1.3	.4	.4							5.2	7.1
S	2.2	4.9	3.0	2.0								12.3	6.3
SSW	1.	2.5	3.2	1.9	.1							9.1	7.3
SW	.3	4.2	3.7	1.8	.4	.2	.1					11.3	8.3
WSW	.4	1.6	3.2	3.1	.2	.2						8.8	9.9
W	.6	1.3	1.3	2.1	.2	.1						5.6	9.2
WNW	.2	1.2	1.6	.3	.1							3.5	7.3
NW	.4	.6	1.3	1.4								3.8	8.7
NNW	.3	1.2	1.0	.9								4.3	7.8
VARBL			.2	.3	.2							.8	10.3
CALM												14.2	
	12.3	32.1	24.7	19.6	1.8	.5	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

03071 (STATION) MILDENHALL RAF UK (STATION NAME) 74-83 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.5	1.4	.6	.1							4.2	7.1
NNE	.2	.7	.5	.2								1.7	6.2
NE	.5	.6	.5	.1	.1							1.9	6.3
ENE	.3	.9	.5	.1	.1	.1						1.7	6.4
E	1.1	1.1	.7	.1								2.8	5.1
ESE	1.1	2.2	1.5	.4	.1							5.1	6.1
SE	1.1	2.2	1.8	.7	.1	.1						5.8	6.7
SSE	1.1	2.3	2.1	.9	.1							6.4	6.9
S	1.2	3.7	3.5	2.1	.2	.1						11.1	7.6
SSW	1.1	1.9	2.6	2.0	.4	.1						7.9	8.7
SW	.2	2.5	3.1	3.0	.5	.2	.0					10.1	9.3
WSW	.2	1.7	3.1	2.6	.5	.2						8.8	9.8
W	1.1	1.3	2.5	2.2	.6	.1						8.4	9.1
WNW	.5	1.1	1.2	1.4	.3	.1						4.4	9.5
NW	.4	.7	1.4	1.1	.2	.0						4.7	8.8
NNW	.4	1.2	1.3	1.1	.1	.1						4.1	8.4
VARBL			.4	.6	.2							1.3	13.1
CALM												10.6	
	12.2	25.9	28.1	19.1	3.3	.8	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7839

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7271	MILDENHALL RAF [illegible]K	74-82	NOV
STATION	STATION NAME	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	1.1	.3	.2	.1							2.[illegible]	5.3
NNE	.1	.6	.2									1.2	[illegible].1
NE	.1	.3	.1									.9	5.1
ENE	.1	.2	1.1	.2								2.2	7.[illegible]
E	.1	.3	.4	.2		.1						2.1	6.9
ESE	.0	.2	.3	.1								1.7	5.3
SE	.2	1.3	.9	1.2								4.2	7.8
SSE	.4	2.1	1.2	.2	.1							4.1	6.6
S	.7	2.4	4.[illegible]	2.1	.4							9.7	8.5
SSW	.8	3.4	3.6	4.[illegible]	.9							12.7	9.4
SW	.7	3.4	4.4	6.[illegible]	1.3	.6	.1					17.1	11.0
WSW	.4	1.9	4.2	3.7	.9	.2	.1					11.8	10.2
W	.2	2.4	2.9	1.1	.6	.3						8.1	8.8
WNW	1.1	.9	1.6	.8								4.3	6.8
NW	.1	.2	.8	1.0	.2							2.3	9.4
NNW	1.1	.2	.3	.2	.2							2.9	7.6
VARBL				.1	.1							.2	15.5
CALM												1.3	
	2.1	23.2	26.3	21.2	5.4	1.2	.2					[illegible]0.3	7.9

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[03771] MILDENHALL RAF UK (STATION / STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

ALL WEATHER (CLASS) — 0700-0900 (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	1.3	.8	.1								2.8	5.4
NNE	.1	.2	.3	.3								1.0	8.9
NE	.2	1.0										1.3	4.7
ENE	.2	.1	.9	.1								1.3	7.3
E	1.1	1.2	.1	.1	.1	.2						2.3	6.4
ESE	.2	1.1	.3	.4								2.4	6.2
SE	1.1	.2	.7	.6								3.2	6.2
SSE	.7	2.4	1.1	.3	.2	.1						4.8	6.9
S	1.2	2.8	3.9	1.6	.8							10.9	7.8
SSW	1.6	2.2	2.8	4.7	.4	.2						11.9	10.3
SW	.4	2.1	4.7	5.6	1.4	.3						19.6	11.2
WSW	.7	2.3	3.2	3.4	1.2	.3						11.2	12.6
W	1.1	2.1	2.2	2.4	.7	.6						9.1	10.0
WNW		1.1	.9	.4	.1	.1						2.7	8.9
NW	.4	1.1	.7	1.3								3.6	8.5
NNW	.7	1.1	.9	1.1	.2							3.9	8.2
VARBL			.3		.1							.3	11.3
CALM												12.3	
	11.3	23.8	23.6	22.8	5.3	1.9						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

[illegible] ILDENHALL RAF [illegible]K (STATION / STATION NAME) — 70-82 (YEARS) — NOV (MONTH)

ALL WEATHER (CLASS) — 0600-2600 (HOURS (L.S.T.))

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	1.0	.2									2.2	4.4
NNE	.	.2	.1									.7	5.1
NE	.	1.0	.1	.1								2.3	4.7
ENE	.	.4	.4	.3								1.4	7.6
E	.	.3	.3	.1		.3						1.8	9.1
ESE	.	1.2	1.1	.6								3.4	7.1
SE	.	2.3	1.1	.3								4.7	5.8
SSE	.	1.3	.7	.7								3.8	6.6
S	1.2	2.1	2.4	2.7	.3	.1						9.7	6.4
SSW	.	1.5	4.8	4.1	1.4	.4						12.1	11.1
SW	.	1.3	5.1	4.6	.6	.3						13.6	10.2
WSW	.	2.1	3.1	3.6	.8	.1						10.9	9.5
W	.	1.1	2.6	2.9	1.2	.4						9.7	10.7
WNW	.	.3	1.1	.9	.1							3.7	7.5
NW	.2	.1	.8	1.1	.1							2.3	9.3
NNW	.4	1.4	1.7	1.2								4.7	8.1
VARBL			.3	.6	.2							1.1	13.0
CALM												10.2	
	1.4	23.1	26.3	23.8	4.9	1.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 822

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)

[illegible] 71 STATION | ILDENHALL RAF UK STATION NAME | 74-83 YEARS | NOV MONTH

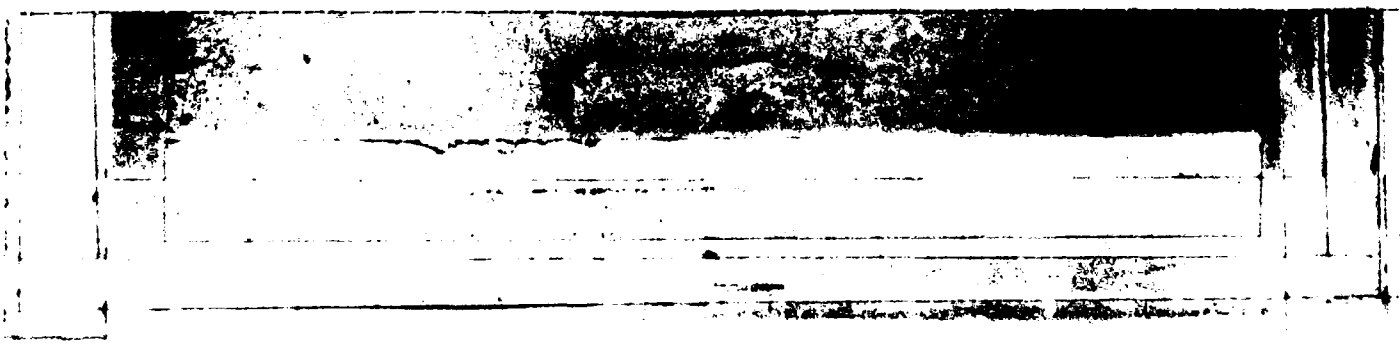
ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.2	.2								1.6	5.8
NNE	.1	.4	.3	.1								1.2	5.6
NE	.1	1.1	.7									1.9	5.1
ENE	.1	.4	.6	.4	.1							2.1	7.3
E	.3	.7	1.1	.3								2.5	7.2
ESE	.2	.3	1.1	.3								2.2	7.2
SE	.6	1.2	1.9	1.2	.1							4.9	8.7
SSE	.1	1.1	1.1	.6								4.1	7.7
S	.1	2.5	3.3	2.1	.1	.1						9.8	9.3
SSW	.1	.1	3.1	4.8	1.1	.1						9.6	11.3
SW	1.2	.2	2.4	7.3	1.6	.3						14.3	11.3
WSW	.6	1.3	3.1	5.1	1.2	.4						11.3	11.4
W	.1	1.4	2.3	2.8	1.4	.3						9.4	11.4
WNW	.5	.3	1.4	2.0	.3							4.7	1.6
NW	.3	.3	1.8	2.1	.1							5.1	11.1
NNW	.1	1.1	2.3	1.2	.1							5.6	6.7
VARBL			.1	.8	.2	.1						1.2	13.4
CALM												6.1	
	7.3	16.8	28.6	30.9	7.8	2.1						1.0	9.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

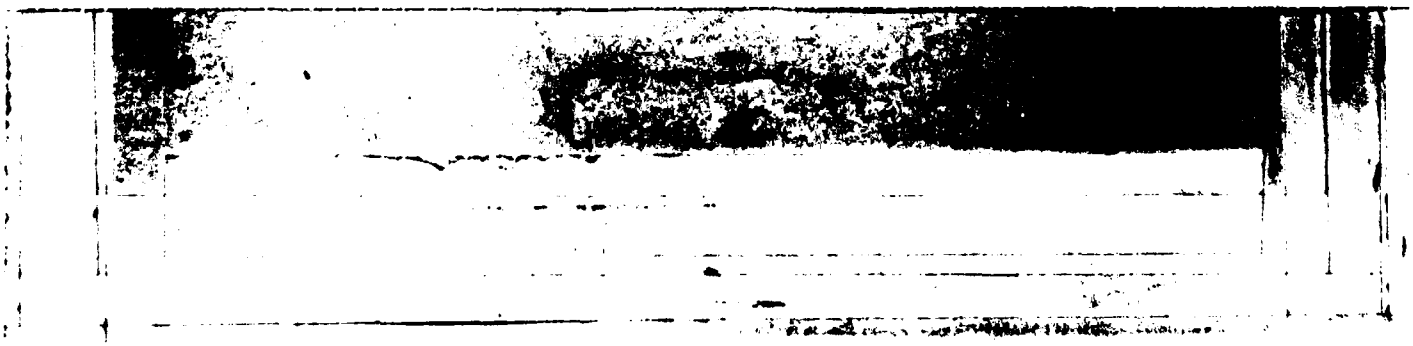
SURFACE WINDS

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

...7... STATION	...ILDENHALL RAF ...K STATION NAME	74-6... YEARS	NO... MONTH
	ALL WEATHER CLASS		1...0-14... HOURS (L.S.T.)
	CONDITION		

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	.4	.6								.1	6.5
NNE		.2	.8									1.7	6.1
NE		.6	.4									.1	5.2
ENE		.7	.1	.7	.1	.2						3.1	9.5
E		1.1	.9	.3								2.6	9.1
ESE		.2	.8	.4								1.8	8.6
SE	.1	.7	1.1	1.2								3.1	8.8
SSE	.1	1.1	1.3	1.6	.1							4.2	9.6
S	.1	1.7	2.1	2.1	.4	.1						6.3	9.8
SSW	.1	.7	4.3	4.8	1.9	.5						12.3	12.6
SW	.1	1.1	2.9	5.6	1.1	.4						11.2	12.3
WSW	.1	.7	2.7	5.2	2.6	.9						12.2	13.5
W	.2	2.4	1.8	4.8	1.2	.4						11.2	11.1
WNW	.1	.7	1.1	2.2	1.1							5.2	11.6
NW	.1	1.2	2.1	2.4	.6							6.8	10.4
NNW	.1	1.1	1.3	2.6	.8							6.2	10.3
VARBL			.1	1.2	.3	.1						.2	14.3
CALM												6.2	
	.4	16.9	24.9	35.1	9.3	2.2						1.0.2	1...5

TOTAL NUMBER OF OBSERVATIONS ...9...



...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...71 ...ILDENHALL RAF ...
STATION STATION NAME

74-82
YEARS

NOV
MONTH

ALL WEATHER
CLASS

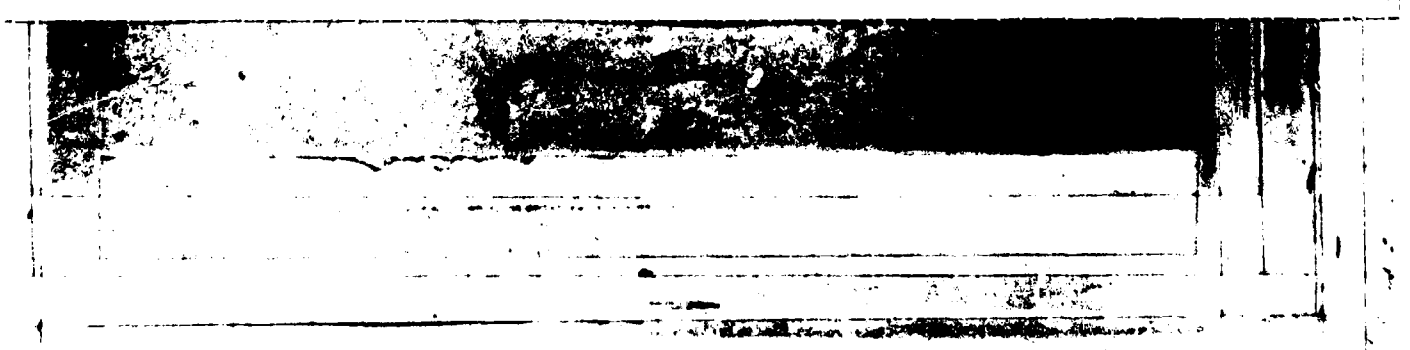
1500-1700
HOURS (L.S.T.)

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	.2	1.2	1.3	.5	.	.1						3.3	7.7
NNE	.	.9	.8	.1								2.4	5.5
NE	.	.	.									1.3	5.1
ENE	.	.	.	.3								2.2	6.3
E	.4	1.1	.7	.7								2.9	7.1
ESE	.	.3	.2	.1								1.7	6.3
SE	.4	1.2	.7	1.0								3.3	8.2
SSE	.3	1.4	1.6	1.1	.3							5.4	8.3
S	.5	2.2	2.7	2.3	.1	.2						9.1	8.4
SSW	.7	1.6	3.1	3.8	.4	.3						10.1	10.5
SW	.4	1.4	4.2	5.1	.8	.4						12.2	11.1
WSW	.3	.7	2.7	4.3	1.6	.3						10.4	11.7
W	.3	2.5	3.6	2.6	.4	.1	.1					10.1	9.4
WNW	.4	1.3	2.1	1.9	.2	.1						6.7	9.1
NW	.3	1.7	1.9	1.6	.3							6.2	8.5
NNW	.5	1.1	1.2	.9	.2							4.2	8.3
VARBL			.4	.7	.1							1.2	11.8
CALM												6.9	
	3.1	22.0	28.1	26.7	5.2	2.1	.1					100.3	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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



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

SURFACE WINDS

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

[illegible] [illegible]ILDENHALL RAF [illegible] K — 74-[illegible] — NOV
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	.6	.7	.3							3.7	7.1
NNE	.1	.7	.7	.2								1.3	6.3
NE		.3	.3									1.1	5.9
ENE		1.1	.3	.3								2.4	7.7
E	.4	.3	.4	.1	.2							2.0	7.0
ESE	.4	1.3	.2	.3								2.3	8.1
SE	.6	1.2	.8	.7								3.2	7.2
SSE	.2	1.9	1.6	.8	.2							5.3	7.3
S	1.1	4.1	2.6	2.7	.3							10.8	8.1
SSW	.4	1.3	4.1	4.1	.6	.2	.1					11.3	10.3
SW	.4	2.1	2.7	5.2	1.3	.2						12.4	11.8
WSW	.3	1.4	3.1	2.9	.2	.1						8.4	9.6
W	.2	2.8	3.1	3.3	1.2	.6						11.9	10.2
WNW	.9	1.1	2.7	1.2								5.1	7.9
NW	.3	1.3	1.4	.8	.3							4.7	7.6
NNW	.9	1.4	.8	.7	.3							4.1	7.3
VARBL			.3	.4	.1							.9	12.5
CALM												5.1	
	5.9	26.7	25.2	24.8	5.1	1.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 950

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...71 (STATION) ...ILDENHALL RAF UK (STATION NAME) 74-67 (YEARS) NOV (MONTH)

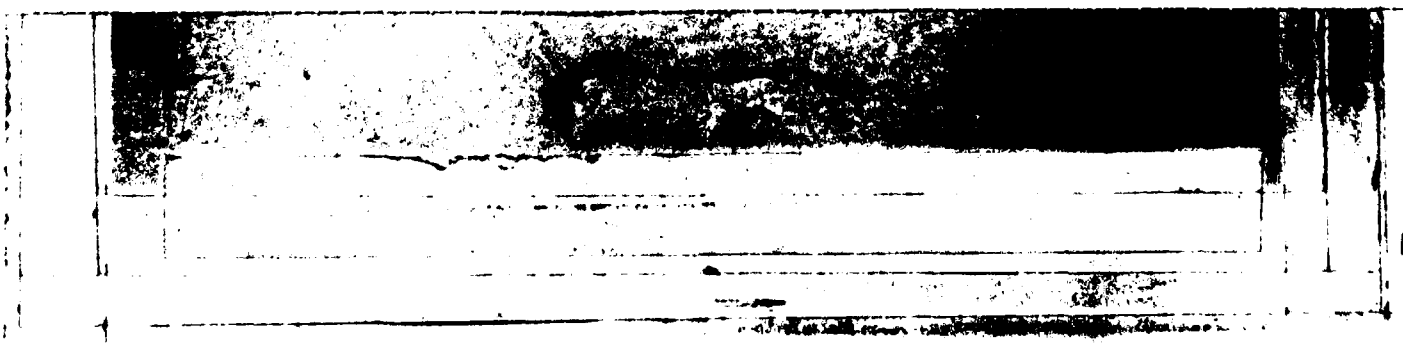
ALL WEATHER (CLASS) 2100-2302 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.2	.3	.3								3.0	5.5
NNE	.3	.2										1.2	4.2
NE	.4	1.2	.6	.1								2.3	5.4
ENE	.6	.3	.8	.7	.1							2.1	7.9
E	.5	.7	.3	.1								1.7	5.3
ESE	.2	.2	.4									1.8	5.5
SE	.3	1.6	.7	1.1	.2							3.7	8.1
SSE	.2	1.4	1.6	.4	.1							4.3	6.8
S	1.1	3.1	2.2	1.9	.3							9.3	7.8
SSW	1.1	2.6	3.9	4.1	1.1		.1					12.8	9.9
SW	.1	2.3	4.1	4.2	1.1	.2	.1					13.4	11.4
WSW	.7	1.4	3.1	3.8	.9	.1	.1					10.3	10.6
W	1.1	3.0	3.2	2.6	.9	.3						11.1	9.4
WNW	.2	1.7	.9	1.1	.3							4.8	7.9
NW	.4	1.4	1.1	1.0								3.9	7.7
NNW	1.1	.1	.6	.9	.1							3.3	7.6
VARBL				.4	.3							.8	15.7
CALM												10.6	
	1.3	24.6	24.3	23.1	5.8	1.1	.3					100.7	8.2

TOTAL NUMBER OF OBSERVATIONS 900

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



...AL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 — WILDENHALL RAF UK — 74-82 — NOV

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER

CLASS

ALL

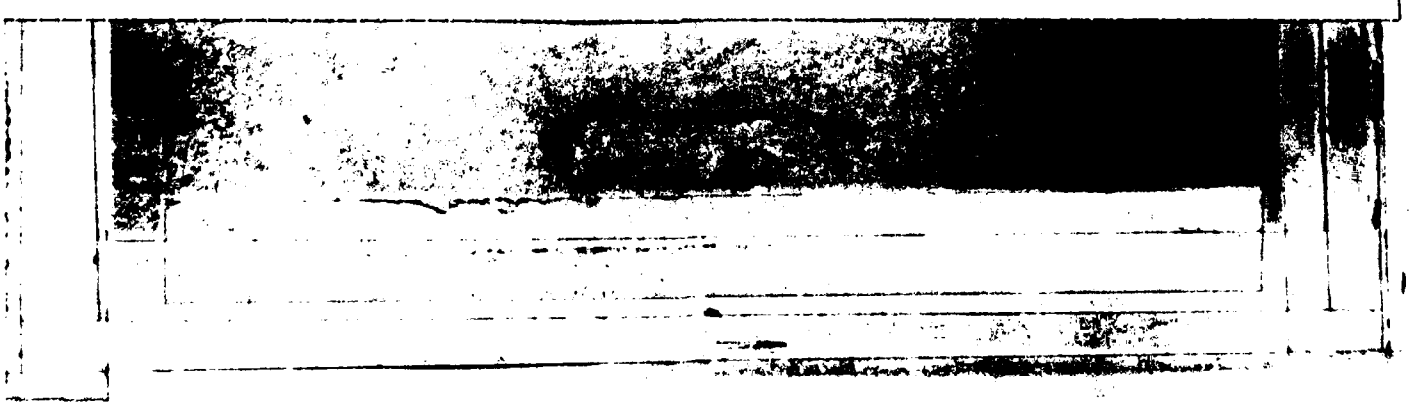
HOURS (L.S.T.)

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	1.1	.5	.2	.1	.1						2.9	6.1
NNE	.1	.6	.4	.1								1.3	5.9
NE	.1	1.1	.3	.1								1.6	5.2
ENE	.1	.3	.8	.3	.1	.1						2.1	8.4
E	.1	.8	.5	.3	.1	.1						2.3	7.2
ESE	.4	.9	.6	.3	.1							2.1	6.5
SE	.1	1.3	1.1	.9	.1							3.3	7.6
SSE	.5	1.7	1.3	.7	.1	.1						4.5	7.5
S	.9	2.8	3.1	2.2	.4	.1						9.4	8.4
SSW	.3	1.9	3.6	4.2	.9	.3	.1					11.7	10.7
SW	.1	1.8	4.1	5.5	1.2	.5	.1					13.7	11.3
WSW	.1	1.1	3.1	4.1	1.2	.5	.1					10.8	11.1
W	.1	2.3	2.7	2.9	1.1	.4	.1					12.1	10.2
WNW	.1	1.1	1.4	1.3	.3	.1						4.7	8.9
NW	.1	1.1	1.3	1.4	.2							4.4	9.1
NNW	.1	1.2	1.1	1.1	.3							4.5	8.4
VARBL			.1	.5	.2	.1						1.1	13.4
CALM												9.1	
	9.1	22.1	25.9	26.0	6.1	1.8	.1					100.3	8.6

TOTAL NUMBER OF OBSERVATIONS 7200

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



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS)

SPEED (KNOTS) / D.D	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

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

...L CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...TLENHALL RAF ...K (STATION NAME) | 7?-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.?	.4	.6								2.?	?.?
NNE	.?	.6	.5									1.?	4.?
NE	.?	1.?	.2									1.?	4.?
ENE	.?		.?	.?		.?						.9	8.6
E	.?	.9	1.?	.4	.?							3.?	7.?
ESE	.?	1.2	1.9	.6								4.5	7.?
SE	.?	.?	1.9	1.2	.?							4.7	8.8
SSE	.5	.5	.9	1.5	.5	.1						3.9	11.1
S	1.1	1.?	2.8	2.6	.?	.1						8.?	8.8
SSW	1.5	1.8	2.2	2.?	.6							8.8	8.8
SW	1.?	3.1	5.8	6.?	1.?	.9		.1	.1			19.6	10.9
WSW	.?	1.9	4.?	4.?	.6				.?			11.4	10.2
W	.?	1.?	2.2	3.?	.5							8.8	9.9
WNW	.?	.?	1.0	.5	.?	.?	.1					2.8	10.9
NW	.?	.8	.9	1.6								3.?	8.9
NNW	.?	.9	1.?	.5	.?							2.9	7.9
VARBL			.?	.9	.?							.9	12.?
CALM												10.?	
	11.?	1?.?	?7.?	26.8	5.?	1.?	.?	.?	.2			1??.?	8.4

TOTAL NUMBER OF OBSERVATIONS 9??

USAFETAC FORM AUG 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)

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

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

(CONDITION)

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.0	.3		.2						2.9	8.2
NNE	.2	1.0	.3	.1								1.5	5.8
NE	.3	.3	.5									1.7	5.3
ENE	.4	.3	.5	.2								1.6	5.5
E	.4	.5	.3	.9								2.2	8.3
ESE	.4	1.1	1.5	.8	.1							4.1	7.8
SE	.4	.7	1.8	1.3	.3							4.9	9.3
SSE	.1	1.2	1.1	1.1	.4	.2						4.3	10.1
S	.3	1.3	2.8	2.3	.6	.1						8.1	9.7
SSW	.4	2.1	2.2	3.5	.5							8.9	9.6
SW	1.4	2.3	5.6	4.8	1.4	1.1						17.6	10.4
WSW	1.1	1.9	5.2	4.1	.5	.2	.1					12.6	10.1
W	1.0	1.3	3.1	3.7	.4	.2						9.6	10.3
WNW	.9	.4	1.2	.6	.3	.1						3.5	8.8
NW	.3	.3	1.0	.9	.2							2.9	9.2
NNW	.4	.1	1.4	.4								2.8	7.1
VARBL			.2	.4		.1						.8	14.4
CALM												10.1	
	9.9	17.7	29.6	25.8	4.9	2.3	.1					100.3	6.5

TOTAL NUMBER OF OBSERVATIONS 93

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

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

SURFACE WINDS

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

[illegible] MILDENHALL RAF UK — 72-82 (YEARS) — DEC (MONTH)

ALL WEATHER (CLASS) — 800-1100 (HOURS (L.S.T.))

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

( ) AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

03771	MILDENHALL RAF UK	72-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

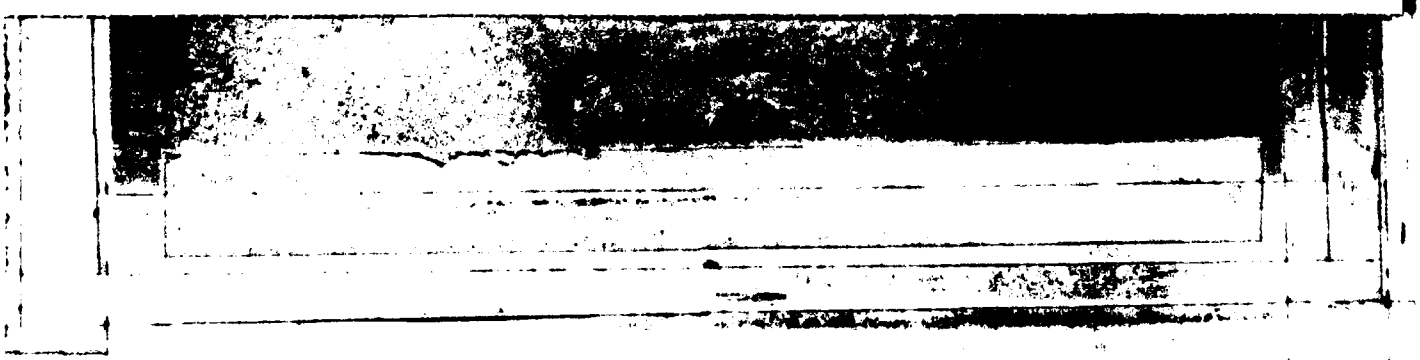
1200-1400 — HOURS (L.S.T.)

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	.4	1.7	.9	1.1	.3							4.4	8.5
NNE	.2	.5	.4	.1								1.3	6.1
NE	.2	.1	.6									1.0	7.0
ENE	.2	.4	.6	.5								2.1	7.7
E	.3	.3	1.7	1.1								4.2	8.4
ESE	.4	.4	1.1	.9	.2							3.0	9.4
SE	.2	.5	.9	2.3	.3							4.2	10.7
SSE	.2	1.1	1.6	1.5	.3							4.6	9.6
S	.1	.4	1.9	1.7	.3	.3						5.9	12.2
SSW	.3	.5	1.9	2.3	1.7							6.8	12.2
SW	.9	2.7	3.9	4.5	1.3	.3	.2					14.0	11.3
WSW	.3	1.9	5.1	4.8	1.8	.8						14.8	11.5
W	1.1	2.3	3.0	3.3	1.3	.6						16.6	11.6
WNW	.3	1.2	1.4	1.0	.1	.2						4.2	8.9
NW	.3	.9	2.1	.8	.5	.1						4.6	11.0
NNW	.5	.6	1.4	1.3								3.9	8.9
VARBL			.2	1.3	.2	.1						1.8	14.9
CALM												3.4	
	6.6	16.1	28.5	33.3	8.5	1.3	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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



AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

5771 (STATION) MILDENHALL RAF (STATION NAME) K 72-82 (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	.4	1.1	1.2	.6	.1							3.8	7.5
NNE		.3										.3	4.8
NE		.1	.3									.6	6.1
ENE	.1	.6	1.0	.2								1.9	7.2
E	.1	1.1	1.5	1.0	.1							4.2	8.4
ESE	.1	.3	.9	1.1								2.9	8.7
SE	.1	.9	1.6	1.5	.3							4.4	10.3
SSE	.4	1.4	1.8	1.1	.2							5.5	9.3
S	1.1	1.7	1.9	1.5	.2	.3						6.8	8.7
SSW	.2	1.8	2.2	3.1	.2	.2						8.4	9.6
SW	.6	3.1	4.1	5.2	.5	.6						14.2	10.0
WSW	1.1	2.5	4.2	3.3	1.1	.3	.2					13.4	10.2
W	1.2	1.3	3.9	4.7	.5	.1						12.3	9.9
WNW	.3	1.0	1.1	1.3	.4	.1						4.4	10.0
NW	.4	.3	1.4	.5								3.2	7.3
NNW	.3	1.2	2.1	1.1		.2						5.9	8.1
VARBL			.1	1.5	.1							2.0	12.6
CALM												5.3	
	5.5	21.1	30.9	27.7	4.9	1.9	.2					100.2	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] MILDENHALL RAF [illegible]K — 72-82 — DEC

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2400

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	.5	1.0	.6	.3								3.1	6.2
NNE	.3	.4	.3									1.3	4.5
NE	.2	.7		.3								1.3	6.5
ENE	.1	.3	.2	.2								1.2	6.3
E	.2	.3	1.1	1.5								4.1	8.3
ESE	.3	.6	1.5	.6								3.5	7.3
SE	.2	1.4	1.7	1.7	.3	.1						5.3	9.1
SSE	.4	1.1	2.1	1.7	.4	.1						5.7	9.8
S	.3	1.8	1.7	2.2	.5	.2						7.3	10.0
SSW	.5	1.8	2.6	3.4	.9	.3						9.6	10.5
SW	1.1	4.3	5.6	4.2	.8							15.9	9.3
WSW	.2	3.2	4.3	2.9	.8	.6	.2					13.4	9.8
W	.4	1.4	4.1	2.7	.8	.1						9.5	10.2
WNW		.4	.2	1.4	.3	.1						2.5	12.4
NW		1.3	1.2	1.0								3.7	8.1
NNW	1.1	1.2	1.7	1.3								5.2	7.7
VARBL			.6	.4	.1							1.2	11.5
CALM												6.7	
	8.1	23.5	29.6	25.8	6.6	1.5	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

72	WILDENRATH AFB, NK	72-80	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

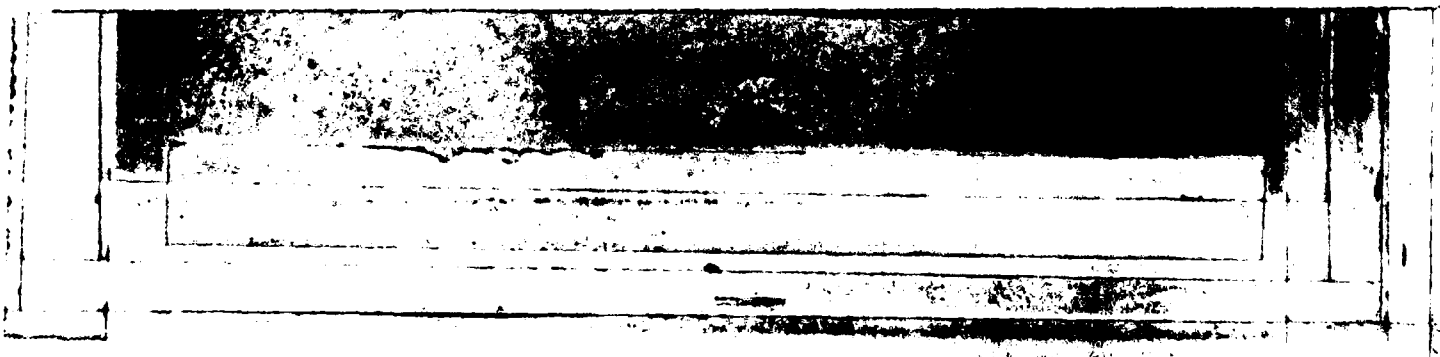
0100-2300
HOURS (L.S.T.)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	.7		.1							2.3	5.1
NNE		.5	.5									1.1	5.6
NE	.1	.4	.2	.1								1.1	6.1
ENE	.1	.4	.5	.3								1.3	7.1
E	1.4	.8	.9	.9	.1							4.1	7.3
ESE	.4	1.1	1.8	1.0								4.3	7.9
SE	.5	1.1	1.6	1.7		.2	.1					5.3	9.9
SSE	.5	1.0	.9	1.8								4.3	8.7
S	.1	1.3	3.0	1.8	.4	.1						7.2	9.7
SSW	.3	1.9	3.4	2.9	.9	.4	.1					10.2	10.5
SW	1.3	3.0	4.6	5.1	1.3	.2						15.7	9.8
WSW	.6	3.1	4.2	3.0	1.1	.1						12.0	9.4
W	.8	1.7	2.9	2.5	1.3	.2						9.4	10.3
WNW	.6	.6	1.8	1.3	.3	.1						4.3	9.1
NW	.1	.3	2.0	1.0	.1							3.5	9.1
NNW	.5	1.2	1.8	.5								4.1	7.3
VARBL		.1	.1	1.0	.1	.2						1.5	14.3
CALM												7.4	
	9.6	27.0	30.6	24.8	5.7	1.6	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

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



...TAL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

03671 — STATION
MILDENHALL RAF UK — STATION NAME
71-82 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
01 — HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	.8	.5	.1	.0						3.3	7.3
NNE	.2	.6	.3	.1		.0						1.2	7.7
NE	.1	.3	.4	.2								1.3	6.1
ENE	.2	.5	.5	.2		.0						1.5	7.2
E	.2	.8	1.1	1.2	.1	.0						3.4	8.1
ESE	.2	.8	1.5	.8	.1	.1						3.9	8.2
SE	.2	1.1	1.7	1.5	.2	.1	.0					4.8	9.4
SSE	.4	.8	1.4	1.5	.4	.1						4.6	9.8
S	.2	1.4	2.2	2.1	.4	.3						6.9	9.8
SSW	.2	1.6	2.6	3.1	.3	.1	.0					9.1	10.3
SW	1.2	3.2	5.1	5.6	1.3	.5	.2	.0	.2			16.1	11.4
WSW	.2	2.1	4.5	4.0	1.1	.3	.1		.0			11.1	11.4
W	.2	1.7	3.2	4.1	.8	.2						10.3	10.3
WNW	.4	.7	1.1	.9	.3	.1	.0					3.7	9.6
NW	.3	.3	1.5	1.1	.1	.1						3.6	9.0
NNW	.4	.9	1.7	.7	.1	.0						4.2	7.8
VARBL		.1	.3	.0	.1	.1						1.4	13.8
CALM												7.4	
	9.1	19.1	29.3	27.4	5.8	1.9	.1	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 7483

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

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...7...	ILDENHALL RAF, UK	...-63	ALL
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	.2	1.9	2.1	.8	.1	.1	.1	.1				5.2	7.5
NNE	.3	1.2	1.1	.6	.1	.1						3.7	7.1
NE	.4	.7	1.1	.6	.1	.1						3.1	7.6
ENE	.3	.7	.9	.5	.1	.1						2.6	7.6
E	.3	1.2	1.5	.6	.1	.1						4.4	7.3
ESE	.3	1.5	1.1	.5	.1	.1						3.7	6.8
SE	.3	1.6	1.3	.9	.1	.1	.1					4.5	7.2
SSE	.3	1.4	1.3	.9	.2	.1	.1					4.5	7.8
S	.1	2.2	2.8	1.7	.3	.1	.1					7.8	8.3
SSW	.2	1.7	2.4	2.1	.5	.1	.1	.1				8.	7.4
SW	.3	2.3	3.4	3.2	.6	.3	.2	.2	.1			12.6	9.8
WSW	.3	1.7	3.0	2.1	.7	.2	.2	.2	.1			9.8	10.2
W	.3	2.1	2.8	2.4	.6	.3	.2	.2		.1		8.9	9.3
WNW	.4	.9	1.5	1.7	.2	.1	.1					4.9	9.2
NW	.3	1.2	1.3	.8	.1	.1						3.8	8.2
NNW	.3	1.2	1.3	.7	.1	.1						4.1	7.4
VARBL	.1	.1	1.1	1.0	.2	.1						2.3	1 .9
CALM												9.7	
	.1	2.5	30.0	21.4	3.9	1.1	.1	.0	.0	.0		100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 27643

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

03771 (STATION) MILDENHALL RAF UK (STATION NAME) 73-83 (YEARS) ALL (MONTH)

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

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

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

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	3.1	1.4	.1	.0	.0	.0				8.2	7.7
NNE	.7	1.5	2.1	.7	.1							5.2	7.2
NE	.5	1.9	1.8	.7	.1	.0						4.6	7.7
ENE	.5	1.4	1.6	.6	.1							4.1	7.1
E	.9	2.1	2.6	1.0	.1							6.8	7.3
ESE	1.1	2.1	1.7	.8	.1	.0						5.7	6.6
SE	1.0	2.4	2.1	1.2	.2	.1	.0					6.8	7.4
SSE	.7	1.6	1.5	1.0	.3	.1	.0					5.0	7.7
S	1.2	1.3	1.8	1.2	.3	.1						6.5	7.8
SSW	1.2	1.4	1.4	1.2	.3	.1						5.5	8.1
SW	1.1	1.3	1.7	1.1	.3	.0		.0				6.1	7.6
WSW	1.1	1.5	1.6	.6	.1	.0	.0					4.2	6.9
W	1.1	1.3	1.2	.4	.1	.0	.0					4.6	6.2
WNW	.5	1.1	.9	.6	.1							3.1	7.5
NW	.6	1.1	1.4	.8	.1	.0						3.9	7.7
NNW	.8	1.3	1.8	.7	.1	.0						4.9	7.3
VARBL	.1	.1	.3	.3	.1	.0						.7	11.2
CALM												13.3	
	14.5	27.1	28.4	14.1	2.2	.5	.0	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 13886

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

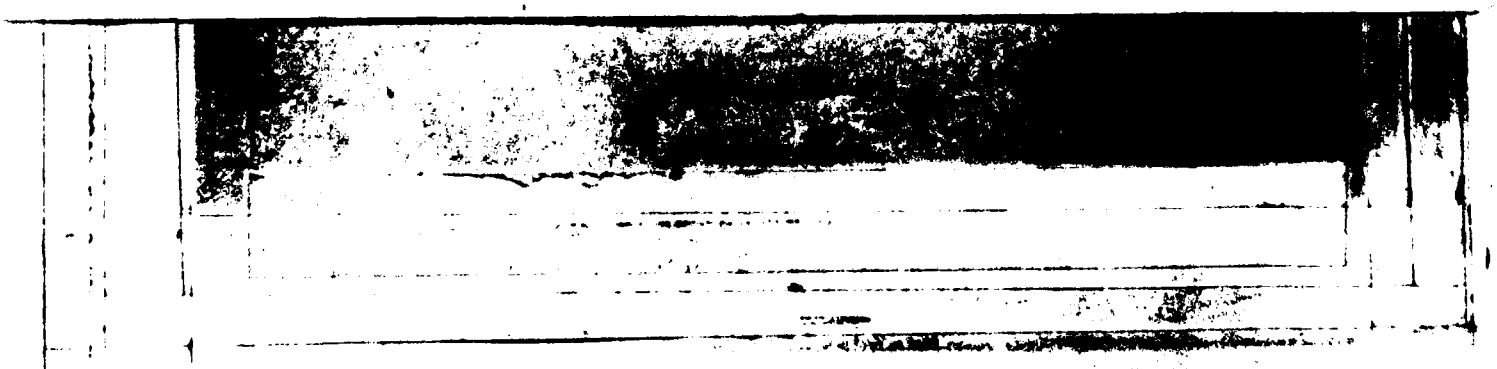
1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

Continued on Reverse Side



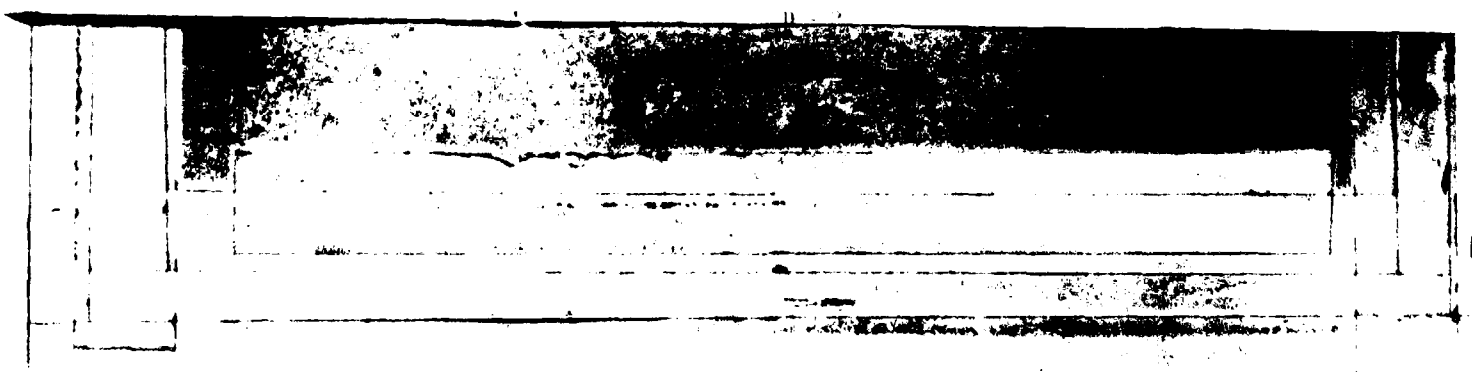
EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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



ADDITIONAL EXAMPLES

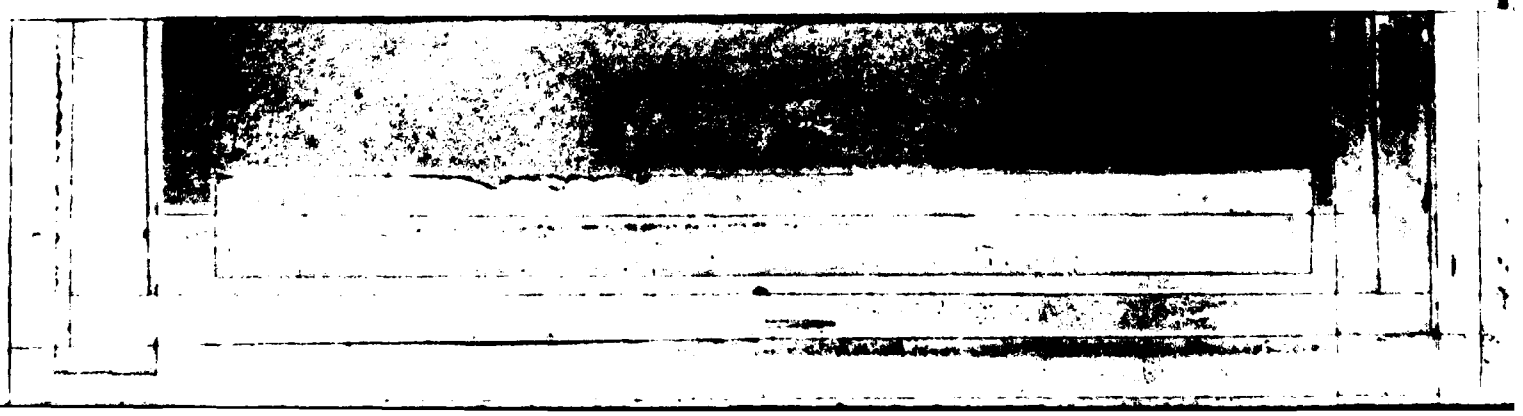
EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0,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

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

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

The value 91.0 read from the table at the intersection of $\geq$ 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
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | ILDENHALL RAF STATION NAME | 4-6 YEARS | [redacted] MONTH

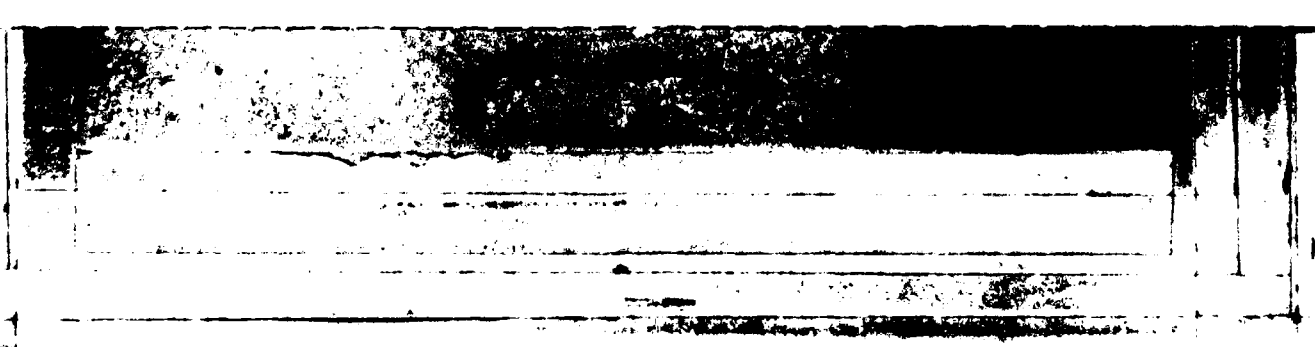
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10	≥9 GE10	≥5 GE9	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1¾ GE2	≥1½ GE1¾	≥1 GE1½	≥⅞ GE1	≥¾ GE⅞	≥5/16 GE¾	≥0 GE5/16	
NO CEILING		2 .7	27.1	29.9	3 .4	3 .3	33.8	34.	34.7	35.2	35.3	35.3	35.3	35.5	35.9	
≥ 20000		2 .	3 .1	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.1	39.1	39.1	39.1	39.8	
≥ 18000		2 .	30.0	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.1	39.1	39.1	39.1	39.8	
≥ 6000		2 .	3 .1	33.5	34.2	34.5	3 .7	38.6	38.6	39.2	39.1	39.1	39.1	39.1	39.8	
≥ 14000		2 .9	3 .1	33.5	34.2	34.5	36.7	38.6	38.6	39.	39.	39.1	39.1	39.1	39.4	39.8
≥ 12000		2 .7	30.2	33.8	34.4	34.7	36.9	38.8	38.8	39.2	39.4	39.4	39.4	39.4	39.6	4 .0
≥ 10000		2 .3	31.	34.6	35.1	35.6	37.9	39.9	39.9	40.3	40.4	40.4	40.4	40.4	40.6	41.1
≥ 9000		2 .	31.2	35.1	35.7	36.	38.3	40.3	40.3	40.8	40.9	40.9	40.9	40.9	41.3	41.7
≥ 8000		32.	33.4	37.8	38.5	38.8	41.1	43.2	43.2	43.7	43.8	43.8	43.8	43.8	44.2	44.6
≥ 7000		3 .1	34.6	39.1	39.7	40.1	42.3	44.4	44.4	44.8	44.9	44.9	44.9	44.9	45.8	45.8
≥ 6000		3 .1	34.6	39.2	39.9	4 .2	42.5	44.6	44.6	45.	45.2	45.2	45.2	45.2	45.6	46.0
≥ 5000		34.	35.4	40.3	41.1	41.4	43.9	46.	46.	46.5	46.6	46.6	46.6	46.6	47.	47.4
≥ 4500		3 .7	4 .3	45.7	46.5	46.8	49.4	51.6	51.7	52.2	52.3	52.3	52.3	52.3	52.7	53.1
≥ 4000		41.	42.4	49.	49.9	50.3	53.1	55.4	55.5	56.2	56.3	56.3	56.3	56.3	56.8	57.2
≥ 3500		44.	45.6	53.0	54.1	54.5	57.3	6 .2	60.1	6 .9	61.	61.	61.	61.	61.4	61.8
≥ 3000		4 .	50.2	58.2	59.6	60.2	62.9	65.7	65.9	66.7	66.8	66.8	66.8	66.8	67.2	67.6
≥ 2500		2.	53.1	61.8	63.9	64.2	67.1	7 .3	70.2	71.0	71.1	71.1	71.1	71.1	71.5	71.9
≥ 2000		5 .3	58.3	68.1	7 .1	70.9	73.9	77.	77.3	78.1	78.2	78.2	78.2	78.2	78.6	79.0
≥ 1800		5 .7	8.9	68.7	70.9	71.6	74.6	77.7	78.1	78.8	78.9	78.9	78.9	78.9	79.4	79.8
≥ 1500		.3	62.2	73.4	75.9	76.7	8 .4	83.7	84.2	84.9	85.1	85.1	85.1	85.1	85.5	85.9
≥ 1200		2.3	63.7	75.8	78.3	79.1	83.	86.2	86.8	88.	88.1	88.1	88.1	88.1	88.5	8.9
≥ 1000		3.7	4.6	77.2	79.7	80.5	84.7	88.0	88.5	89.7	9 .0	9 .0	9 .0	9 .0	9 .4	9 .9
≥ 900		3.	64.9	78.1	8 .5	81.4	85.6	89.8	9.4	90.5	90.9	90.9	90.9	90.9	91.3	91.7
≥ 800		3.3	65.2	79.	81.7	82.6	86.8	9 .0	9 .9	92.3	92.4	92.4	9 .4	92.4	92.9	93.3
≥ 700		3.7	65.6	79.5	82.4	83.2	87.4	90.8	91.6	92.8	93.1	93.1	93.1	93.1	93.5	94.
≥ 600		3.7	65.6	79.7	82.7	83.7	88.1	91.4	2.3	93.4	93.9	93.9	93.9	93.9	94.3	94.7
≥ 500		3.8	65.7	79.8	83.	84.1	88.6	92.3	93.1	94.3	94.7	94.7	94.7	94.7	95.2	95.7
≥ 400		3.9	65.7	79.9	83.1	84.3	88.9	92.9	93.9	95.1	95.6	95.6	95.6	95.6	96.	96.6
≥ 300		3.8	65.7	79.9	83.1	8 .3	89.1	93.2	94.2	95.7	96.2	96.2	96.2	96.5	97.	97.8
≥ 200		3.8	65.7	79.9	83.1	84.3	89.1	93.2	94.2	95.7	96.	96.2	96.6	97.1	97.8	98.9
≥ 100		3.8	65.7	79.9	83.1	84.3	89.1	93.2	94.2	95.8	96.3	96.3	96.7	97.3	98.2	99.9
≥ 0		3.8	65.7	79.9	8 .1	84.3	89.1	93.2	94.2	95.8	96.3	96.3	96.7	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

ILLENHALL RB K — 4--? — JA
STATION — STATION NAME — YEARS — MONTH

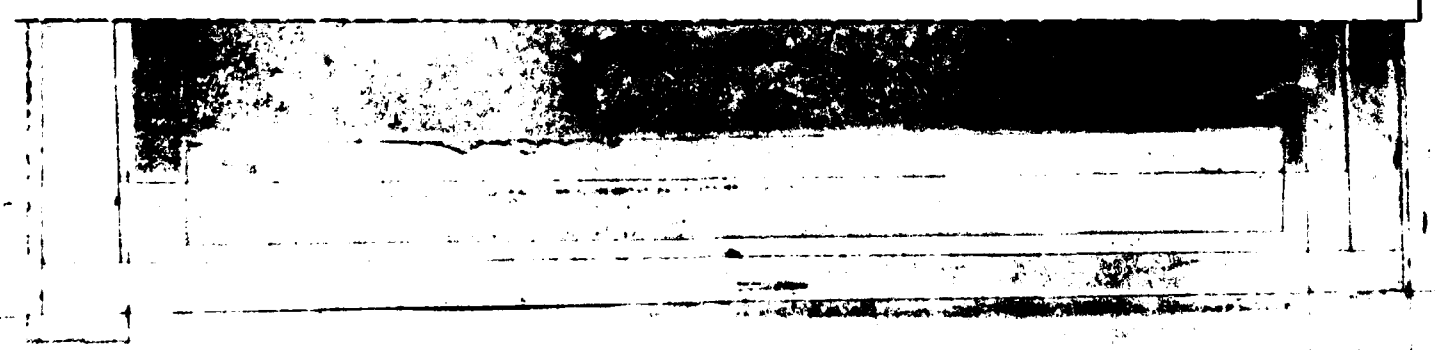
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

--0500
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3½	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥0
[illegible]		.0	2 .5	28.5	29.6	29.6	30.9	31.9	32.2	32.6	32.6	32.7	32.8	33.1	33.4	34.2
≥ 10000		.1	2 .9	31.2	32.3	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.0
≥ 8000		.1	2 .9	31.2	32.3	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.0
≥ 6000		.1	2 .9	31.2	32.3	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.0
≥ 4000		.4	2?.9	31.2	32.3	32.3	33.5	34.7	34.9	35.4	35.4	35.5	35.6	35.9	36.2	37.0
≥ 3000		.3	2?.	31.3	32.4	32.4	33.7	34.8	35.1	35.5	35.5	35.6	35.7	6.0	36.3	37.1
≥ 2000		.9	3?.3	33.4	34.5	34.5	35.8	37.0	37.2	37.6	37.6	37.7	37.8	38.2	39.5	39.2
≥ 1000		.7	3 .5	34.4	35.7	35.7	37.0	38.2	38.4	38.8	38.8	38.9	39.0	39.4	39.7	4 .4
≥ 900		2.	33.5	39.	39.6	39.7	41.	42.2	42.4	42.8	42.8	42.9	4 .0	43.3	43.7	44.4
≥ 800		3.3	34.4	38.8	40.4	40.5	41.8	42.	43.2	43.7	43.7	43.8	43.9	44.2	44.5	45.3
≥ 700		3.3	34.4	39.9	4 .6	40.8	42.0	42.2	43.4	43.9	43.9	44.0	44.1	44.4	44.7	45.5
≥ 600		.3	35.6	4 .1	41.0	41.9	43.3	44.5	44.7	45.2	45.2	45.3	45.4	45.7	46.0	46.8
≥ 500		.1	40.2	44.8	46.7	46.8	48.2	49.4	49.6	5 .0	50.0	50.1	50.2	50.5	50.9	51.6
≥ 400		2.2	43.2	48.7	50.5	0.6	52.5	53.7	54.0	54.5	54.5	54.6	54.7	55.1	55.4	56.1
≥ 350		4 .6	46.7	53.	55.2	55.4	57.5	58.9	59.4	59.9	59.9	60.0	60.1	60.4	60.8	61.5
≥ 300		4 .7	51.1	57.7	59.9	60.1	62.4	63.8	64.2	64.7	64.7	64.8	64.9	65.3	65.6	66.3
≥ 250		2.2	53.7	61.0	63.1	63.3	65.9	67.3	67.7	68.3	68.3	68.4	68.5	68.8	69.1	69.9
≥ 200		5 .5	58.2	66.9	69.5	69.8	72.5	73.9	74.3	74.9	7 .1	75.3	75.4	75.9	76.1	76.9
≥ 180		5 .3	59.0	67.7	70.6	71.	73.7	75.1	75.5	76.1	76.2	76.5	76.6	77.	77.3	78.1
≥ 150		1.5	63.	72.8	76.0	76.3	79.6	81.0	81.4	82.0	82.2	82.4	82.5	82.9	83.2	84.
≥ 120		3.2	65.1	75.4	78.8	79.4	82.7	84.3	84.7	85.9	6.0	86.2	86.3	86.8	87.1	87.8
≥ 100		4.5	66.3	76.8	8 .2	8 .8	84.5	86.1	86.6	87.7	87.8	88.1	88.2	88.6	88.9	89.7
≥ 90		4.6	66.	77.3	80.7	81.3	85.1	86.7	87.1	88.4	88.5	89.7	88.8	89.2	89.6	9 .3
≥ 80		4.3	66.9	77.7	81.4	81.9	85.8	87.4	88.2	89.6	89.7	89.9	90.0	90.4	90.8	91.5
≥ 70		5.1	67.7	78.5	82.2	82.7	86.6	88.2	88.9	9 .3	9 .4	9 .6	9 .8	91.2	91.5	92.3
≥ 60		.2	67.2	78.8	82.5	83.0	87.2	88.9	89.7	91.1	91.2	91.4	91.5	91.9	92.3	93.
≥ 50		5.2	67.2	79.7	84.	84.5	88.9	90.8	91.5	92.9	93.0	93.2	93.3	93.8	94.1	95.2
≥ 40		5.2	67.2	79.7	84.	84.6	89.	91.3	92.	93.4	93.5	93.8	93.9	94.3	94.6	95.7
≥ 30		5.2	67.2	79.7	84.1	84.7	89.2	91.5	92.4	94.1	94.2	94.5	94.8	95.5	96.1	97.4
≥ 20		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.5	94.3	94.4	94.7	95.1	96.1	96.9	98.6
≥ 10		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.6	94.4	94.5	94.8	95.2	96.6	97.7	100.0
≥ 0		5.2	67.2	79.7	84.1	84.7	89.4	91.6	92.6	94.4	94.5	94.8	95.2	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS ___ 22?

USAF ETAC FORM 10? 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



...AL CLIMATOLOGY BRANCH
...ETAC
A... FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...771 — ILDENHALL RAF K — 4-61 — JA...
STATION — STATION NAME — YEARS — MONTH

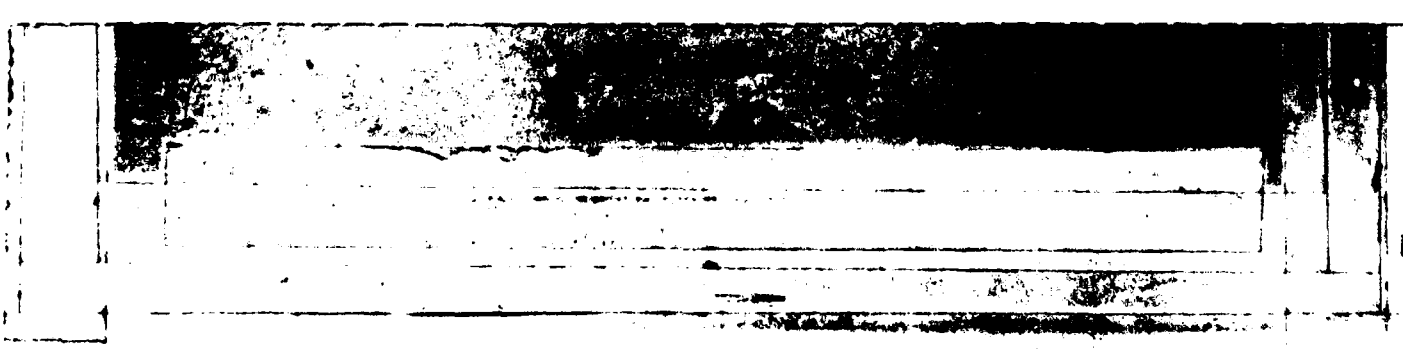
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-08 20
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	≥1 GE1.6	≥⅞ GE1.2	≥¾ GE1.0	≥½ GE.8	≥5/16 GE.5	≥0 GE0
NO CEILING		21.1	21.	24.7	25.6	25.6	26.6	27.3	27.4	27.8	28.	28.3	28.3	28.3	28.4	28.6
> 20000		2 .5	5.5	28.6	2 .5	29.5	30.4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.4	32.6
≥ 18000		2 .5	25.5	28.6	29.5	29.5	3 .4	31.2	31.3	31.7	31.	31.9	31.9	32.3	32.3	32.4	32.6
≥ 16000		2 .5	25.5	28.6	29.5	29.5	3 .4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.	32.6
≥ 14000		.5	2 .5	28.6	29.5	29.5	30.4	31.2	31.3	31.7	31.9	31.9	32.3	32.3	32.4	32.6
≥ 12000		24.	25.6	28.7	29.6	29.6	3 .5	31.	31.4	31.8	32.0	32.0	32.4	32.4	32.5	32.7
≥ 10000		25.	26.8	3 .2	31.3	31.3	32.4	33.1	33.2	33.7	33.9	33.9	34.2	34.2	34.3	34.5
≥ 9000		26.	2 .2	31.2	32.3	32.3	33.4	34.2	34.3	34.7	34.9	34.9	35.3	35.3	35.4	35.6
≥ 8000		.9	31.	34.6	35.7	35.7	36.9	37.	37.7	38.2	38.4	38.4	38.7	38.7	38.8	39.
≥ 7000		2.4	31.7	35.4	36.5	36.5	37.6	38.4	38.5	38.9	39.1	39.1	39.5	9.5	39.6	39.8
≥ 6000		2.4	31.7	35.7	36.8	36.8	39.0	39.7	38.8	39.2	39.5	39.5	39.8	39.8	39.9	4 .1
≥ 5000		31.	32.9	37.2	38.4	38.4	9.7	40.4	40.5	41.0	41.2	41.2	41.5	41.5	41.6	41.8
≥ 4500		35.	37.3	41.8	43.1	43.1	44.6	45.5	45.7	46.6	46.9	46.8	47.1	4 .1	47.2	47.4
≥ 4000		40.	42.4	47.2	48.9	49.1	51.1	52.0	52.6	53.2	53.4	53.4	53.3	53.8	53.9	54.2
≥ 3500		3.2	44.1	5 .8	52.5	53.7	4.9	55.8	56.5	57.3	57.5	57.5	57.8	57.8	58.	58.3
≥ 3000		4 .4	49.1	55.2	56.9	57.2	59.6	6 .5	61.2	62.1	62.3	62.	62.6	62.6	62.7	63.
≥ 2500		1.3	53.1	59.7	61.5	61.9	64.6	65.7	66.6	67.4	67.6	67.7	68.1	68.1	68.2	68.5
≥ 2000		5 .	59.1	66.5	68.8	69.2	71.9	73.1	74.1	75.1	75.3	75.4	75.7	75.7	75.8	76.1
≥ 1800		5 .5	59.4	67.	69.4	69.8	72.5	73.7	74.6	75.6	75.8	75.9	6.2	76.2	76.3	76.7
≥ 1500		1.4	63.7	71.7	74.2	74.6	77.1	78.1	8 .1	81.1	81.3	81.4	81.7	81.7	81.8	82.2
≥ 1200		3.7	66.1	75.3	77.8	8.1	81.6	83.1	84.1	85.2	85.4	85.5	86.	86.1	86.2	86.6
≥ 1000		4.4	66.9	76.3	79.1	79.7	83.1	84.6	85.6	86.7	86.9	8 .0	87.5	87.6	87.7	88.1
≥ 900		4.4	66.9	76.6	79.4	79.9	83.4	85.1	86.	87.2	87.4	87.6	88.2	88.3	88.4	88.7
≥ 800		4.7	67.4	77.1	79.9	0.4	84.2	85.8	86.8	88.1	88.3	88.5	89.1	89.1	89.4	89.7
≥ 700		64.	67.7	78.	80.8	81.3	85.5	87.1	88.3	89.7	89.9	90.1	90.6	90.8	91.0	91.3
≥ 600		64.	68.0	78.7	81.6	82.2	86.8	88.7	9 .1	91.6	91.8	92.	92.6	92.7	93.0	93.2
≥ 500		64.	68.1	79.9	2.1	82.6	87.6	89.7	91.1	92.6	92.8	93.	93.5	93.7	93.9	94.4
≥ 400		5.1	68.2	79.1	82.3	82.8	88.	9 .5	9 .0	93.5	93.8	94.0	94.5	94.6	94.8	95.4
≥ 300		5.1	68.2	79.2	82.6	83.1	88.6	91.3	92.8	94.3	94.5	94.7	95.3	95.8	96.0	96.6
≥ 200		5.1	68.2	9.2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.5	96.1	96.8	97.1	98.1
≥ 100		5.1	68.2	79.2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.7	96.5	98.0	98.4	100.0
≥ 0		5.1	69.2	79.2	82.6	83.1	88.6	91.4	93.1	94.8	95.1	95.7	96.5	98.0	98.	100.0

TOTAL NUMBER OF OBSERVATIONS 93...

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | ILDENHALL RAF K STATION NAME | [redacted] YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 16	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		18.7	19.9	21.5	22.5	22.7	23.4	23.8	23.9	24.2	24.2	24.2	24.2	24.2	24.2	24.4
≥ 20000		24.	25.3	28.5	29.6	29.8	30.2	31.1	31.2	31.9	31.8	31.8	31.8	31.9	31.9	32.2
≥ 18000		25.3	25.6	28.8	29.9	30.1	31.1	31.4	31.5	32.2	32.2	32.2	32.2	32.3	32.3	32.5
≥ 16000		25.3	25.6	28.8	29.9	30.1	31.1	31.4	31.5	32.2	32.	32.2	32.2	32.3	32.3	32.5
≥ 14000		25.3	25.6	28.8	29.9	30.1	31.1	31.4	31.5	32.2	32.2	32.2	32.2	32.3	32.3	32.5
≥ 12000		25.5	25.9	29.1	30.2	30.4	31.5	31.8	31.9	32.6	32.6	32.6	32.6	32.7	32.7	32.9
≥ 10000		25.4	27.7	31.3	32.4	32.6	33.7	34.	34.1	34.7	34.7	34.7	34.7	34.8	34.8	35.1
≥ 9000		25.4	28.7	33.2	34.5	34.7	35.8	36.1	36.3	37.	37.3	37.3	37.3	37.1	37.1	37.3
≥ 8000		32.5	32.	36.7	38.1	38.2	39.4	39.7	39.9	40.6	40.6	40.6	40.6	40.8	40.8	41.1
≥ 7000		33.	34.4	38.2	39.5	39.7	41.	41.3	41.5	42.3	42.3	42.3	42.3	42.4	42.4	42.6
≥ 6000		34.1	34.7	38.5	39.8	40.1	41.3	41.6	41.8	42.6	42.6	42.6	42.6	42.7	42.7	42.9
≥ 5000		35.	36.7	40.5	41.8	42.0	43.8	44.1	44.3	45.1	45.1	45.1	45.1	45.2	45.2	45.4
≥ 4500		41.1	41.2	45.4	46.9	47.1	49.	49.7	50.1	51.3	51.3	51.3	51.3	51.4	51.4	51.6
≥ 4000		43.	45.1	49.8	51.7	52.	54.	54.9	55.5	56.8	56.8	56.8	56.8	56.9	56.9	57.1
≥ 3500		47.2	47.4	52.4	54.5	54.8	56.9	58.0	58.5	60.1	60.1	60.1	60.1	60.3	60.3	60.5
≥ 3000		51.	52.3	57.4	60.1	60.4	62.5	63.5	64.1	65.7	65.8	65.8	65.8	66.0	66.0	66.2
≥ 2500		54.	56.3	62.	64.8	65.2	67.2	68.4	69.	70.6	70.8	70.8	70.8	71.	71.0	71.2
≥ 2000		55.4	60.4	66.7	69.7	70.0	72.3	73.5	74.5	76.2	76.3	76.3	76.3	76.6	76.6	76.8
≥ 1800		55.6	60.6	66.9	69.9	70.2	72.6	73.9	74.	76.6	76.7	76.7	76.7	76.9	76.9	77.1
≥ 1500		61.4	63.4	70.3	73.5	73.9	76.5	78.4	79.6	81.4	81.5	81.5	81.5	81.7	81.7	81.9
≥ 1200		63.3	65.7	73.2	76.7	77.1	79.7	81.7	83.2	85.1	85.2	85.2	85.3	85.6	85.6	85.8
≥ 1000		64.2	66.6	74.3	77.8	78.3	81.1	83.4	85.2	87.1	87.2	87.2	87.3	87.6	87.6	87.8
≥ 900		64.2	66.6	74.3	77.8	78.3	81.1	83.5	85.3	87.2	87.3	87.4	87.5	87.7	87.8	88.1
≥ 800		64.2	66.7	74.4	78.1	78.4	81.4	84.0	85.7	87.7	87.8	88.	88.1	88.4	88.4	88.7
≥ 700		64.6	67.1	75.6	79.2	79.7	82.9	85.6	87.4	89.8	89.9	90.0	90.1	90.4	90.4	90.8
≥ 600		64.9	67.3	76.3	80.1	80.5	84.3	87.2	89.	91.9	92.	92.2	92.3	92.6	92.6	92.9
≥ 500		64.9	67.3	76.6	80.5	80.8	84.5	87.7	89.7	92.7	92.8	93.	93.2	93.7	93.7	94.1
≥ 400		64.9	67.3	76.8	80.5	81.1	85.2	88.9	90.9	94.3	94.5	94.7	94.9	95.4	95.4	95.7
≥ 300		64.9	67.3	76.8	80.5	81.1	85.3	89.	91.1	94.7	94.9	95.3	95.7	96.2	96.6	97.0
≥ 200		64.9	67.3	76.8	80.5	81.1	85.3	89.	91.1	94.8	95.1	96.2	96.8	97.3	97.7	98.7
≥ 100		64.9	67.3	76.8	80.5	81.1	85.3	89.0	91.1	94.8	95.1	96.2	96.9	97.4	98.3	99.9
≥ 0		64.9	67.3	76.8	80.5	81.1	85.3	89.	91.1	94.9	95.2	96.3	97.1	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] EATHER SERVIC[illegible] MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K — 4-87 — JA

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE16	¾ GE12	½ GE1	¼ GE.8	≥5/16 GE5	≥0 GE4	≥0 GE.
NO CEILING		1 .2	1[illegible].7	21.8	22.2	22.2	22.[illegible]	2 .2	23.7	23.4	23.4	23.4	23.7	23.7	23.7	23.7
≥ 20000		[illegible] .1	2[illegible].6	29.	29.4	29.4	3 .1	3[illegible].6	3 .6	3 .9	3[illegible].9	3 .9	3 .1	31.1	31.1	31.1
≥ 18000		[illegible] .2	26.7	29.1	29.5	29.5	30.2	30.8	30.9	31.	31.	31.[illegible]	31.2	31.2	31.2	31.2
≥ 6000		[illegible] .2	26.7	29.1	29.5	29.5	[illegible]0.2	30.[illegible]	30.9	31.0	31.0	31.0	31.2	31.2	31.2	31.2
≥ 14000		[illegible] .2	26.7	29.1	29.5	29.5	3 .2	3[illegible].8	3 .8	31.[illegible]	31.[illegible]	31.0	[illegible]1.2	31.2	31.2	31.2
≥ 12000		[illegible] .3	26.[illegible]	29.2	29.6	29.6	30.[illegible]	30.[illegible]	3 .9	31.1	31.1	31.1	31.3	31.3	31.3	31.3
≥ 10000		[illegible] .8	28.[illegible]	3 .8	31.1	1.1	31.[illegible]	32.4	32.4	32.6	32.6	32.6	32.8	32.8	32.8	32.8
≥ 9000		[illegible] .7	29.7	31.9	32.4	32.4	33.4	34.	34.	34.2	34.2	34.2	34.4	34.4	34.4	34.4
≥ 8000		[illegible]2.	33.3	35.8	36.7	36.7	37.8	38.4	38.4	38.6	38.6	38.6	38.8	38.8	38.8	38.8
≥ 7000		3.	34.4	37.2	38.1	38.1	3 .2	39.8	39.8	40.[illegible]	40.[illegible]	40.[illegible]	40.2	4 .2	40.2	4 .2
≥ 6000		[illegible] .1	35.1	37.8	38.[illegible]	38.7	39.9	4 .4	4[illegible].4	4[illegible].6	40.6	4[illegible].	40.9	40.9	40.9	40.9
≥ 5000		3 .2	36.1	39.[illegible]	40.[illegible]	40.1	41.4	41.[illegible]	41.9	42.[illegible]	42.2	42.2	42.4	42.4	42.4	42.4
≥ 4500		[illegible] .3	41.	44.4	4 .4	45.5	47.1	47.6	47.6	47.8	47.8	47.8	48.1	48.1	48.1	48.1
≥ 4000		4 .2	47.[illegible]	51.8	52.9	53.	54.6	55.2	55.2	55.4	55.	55.4	55.6	55.6	55.6	55.6
≥ 3500		4 .6	5[illegible].[illegible]	55.2	56.2	56.3	58.1	58.8	58.8	59.	59.	59.[illegible]	59.2	59.2	59.2	59.2
≥ 3000		55.	57.	62.3	63.[illegible]	63.8	65.[illegible]	66.6	66.6	66.8	66.8	66.8	67.[illegible]	67.	67.[illegible]	67.[illegible]
≥ 2500		5 .9	6 .4	65.8	67.4	67.5	69.6	7 .4	7 .4	70.6	70.[illegible]	70.6	70.9	70.9	70.9	70.9
≥ 2000		3.4	68.2	71.5	73.5	73.7	76.1	77.4	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8
≥ 1800		4.3	66.1	72.5	[illegible]4.6	74.7	77.3	78.6	78.6	78.8	78.9	78.9	79.1	79.1	79.[illegible]	79.1
≥ 1500		6.6	68.5	75.4	77.5	77.6	8 .3	81.[illegible]	81.7	81.9	[illegible].0	82.0	82.3	82.3	82.3	82.3
≥ 1200		6 .9	69.8	77.3	79.8	9 .0	82.7	84.4	84.6	84.8	84.9	84.9	85.2	85.2	85.2	85.2
≥ 1000		6 .	70.3	7[illegible].2	80.8	81.0	83.7	85.5	85.7	86.0	86.2	86.2	86.5	86.5	86.5	86.5
≥ 900		6 .4	7 .4	78.6	81.3	81.6	84.3	86.5	8 .8	87.1	87.4	87.4	87.6	87.6	87.6	87.6
≥ 800		6 .1	71.3	79.6	82.3	82.6	85.4	87.7	88.4	88.7	89.	89.4	89.7	89.7	89.7	89.7
≥ 700		6 .9	[illegible]0.0	80.6	83.7	84.0	86.8	89.4	90.0	9 .5	9[illegible].9	91.2	91.5	91.5	91.5	91.5
≥ 600		6 .9	72.	81.1	84.3	84.6	87.6	9[illegible].8	91.	92.6	92.9	93.2	93.5	93.5	93.5	93.5
≥ 500		[illegible].1	72.3	81.4	84.8	85.2	88.6	91.7	92.9	94.1	94.5	94.8	95.2	9[illegible].2	95.2	95.2
≥ 400		0.2	72.4	81.6	85.2	85.5	88.9	92.5	93.7	94.9	95.4	95.7	96.1	96.1	96.1	96.1
≥ 300		.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.8	96.5	97.1	97.7	97.8	97.8	97.8
≥ 200		.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.9	96.7	97.4	98.4	98.7	98.8	99.1
≥ 100		0.2	72.4	81.6	85.2	85.5	88.9	92.5	93.8	95.9	96.7	97.5	98.5	99.	99.2	100.0
≥ 0		.2	72.4	81.6	85.2	85.5	[illegible]8.9	92.5	93.8	95.9	96.7	97.5	98.5	99.	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

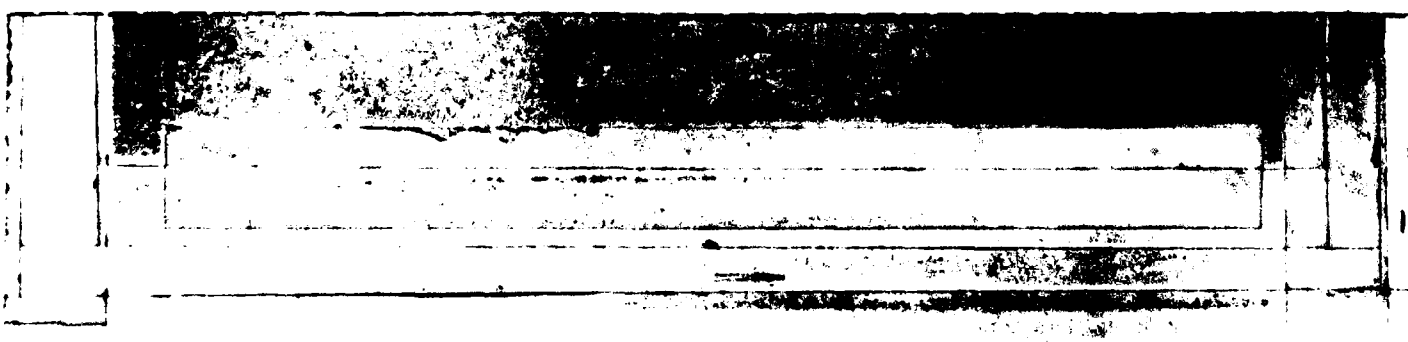
5771 ILDENHALL R[illegible] K — STATION / STATION NAME
4-[illegible] — YEARS
JAN — MONTH
A 0-2700 — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 GE10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2 GE2	≥1 GE1	≥7/8 GE7/8	≥3/4 GE3/4	≥5/8 GE5/8	≥1/2 GE1/2	≥3/8 GE3/8	≥1/4 GE1/4	≥1/8 GE1/8	≥0 GE0
NO CEILING	1 .7	2[illegible].2	22.9	23.0	23.0	23.3	23.3	23.3	23.5	23.5	23.9	24.	24.	24.[illegible]	24.
≥ 20000	26.	27.1	29.8	3 .[illegible]	30.1	3[illegible].8	3[illegible].9	30.9	31.2	31.4	31.7	31.8	31.8	31.9	31.9
≥ 18000	26.[illegible]	27.2	29.9	3 .1	[illegible].2	31.[illegible]	31.1	31.1	31.4	31.6	31.9	32.[illegible]	32.[illegible]	32.2	32.2
≥ 16000	26.	27.2	29.	30.1	30.2	31.0	31.1	31.1	31.4	31.6	31.9	32.	32.[illegible]	32.2	32.2
≥ 14000	26.[illegible]	27.2	29.9	3 .1	30.2	31.[illegible]	[illegible] .1	31.1	31.4	31.6	31.9	32.0	32.0	32.2	32.2
≥ 12000	2 .0	27.3	30.	3[illegible].2	30.3	31.1	31.2	31.2	31.5	31.7	32.	32.2	32.	32.3	32.3
≥ 10000	[illegible] .3	2 .[illegible]	31.6	31.8	31.9	32.[illegible]	32.9	32.9	33.2	33.4	33.8	33.9	33.9	34.	34.[illegible]
≥ 9000	[illegible] .1	29.5	32.4	32.[illegible]	32.8	33.9	[illegible] .1	34.1	34.4	34.6	34.9	35.1	35.1	35.2	35.2
≥ 8000	[illegible].0	33.4	36.3	37.[illegible]	37.3	38.6	38.8	38.8	39.1	39.4	39.7	39.8	39.8	39.9	39.9
≥ 7000	32.	34.[illegible]	37.2	38.1	38.2	39.6	39.8	39.8	4 .1	4[illegible].3	4[illegible].6	4 .8	4[illegible].8	4[illegible].9	4[illegible].9
≥ 6000	32.	34.1	37.3	38.2	38.3	[illegible].7	39.9	39.9	40.2	40.4	40.8	40.9	40.9	41.0	41.[illegible]
≥ 5000	34.	36.1	39.7	4 .5	40.6	42.[illegible]	42.4	42.4	42.7	42.9	43.2	4 .3	43.3	43.4	43.4
≥ 4500	[illegible] .5	40.0	43.8	44.6	44.7	46.2	46.7	46.8	47.1	47.3	47.6	47.7	47.7	47.8	47.8
≥ 4000	3.5	45.2	49.8	51.[illegible]	[illegible].1	[illegible].7	53.1	53.2	53.8	54.0	54.3	54.4	54.4	54.5	54.5
≥ 3500	4 .	48.9	53.8	55.1	[illegible].3	57.	57.6	57.7	58.3	58.5	58.8	[illegible].9	58.9	59.[illegible]	59.0
≥ 3000	3.5	56.[illegible]	61.8	[illegible].4	[illegible].7	65.6	66.2	66.3	66.9	67.1	67.4	67.5	67.5	67.6	67.6
≥ 2500	5 .7	6 .2	66.6	69.[illegible]	68.5	[illegible].9	71.2	71.3	71.8	72.0	72.4	72.5	72.5	72.6	72.6
≥ 2000	[illegible].2	65.3	72.7	74.5	74.8	77.	78.3	78.4	78.9	79.1	79.5	[illegible].6	79.6	79.7	79.7
≥ 1800	3.[illegible]	66.1	73.8	75.[illegible]	76.0	78.2	79.5	79.6	8 .1	8[illegible].3	8[illegible].6	8[illegible].8	8[illegible].8	8[illegible].9	[illegible].9
≥ 1500	3.7	67.	75.7	78.[illegible]	7 .3	80.4	81.9	82.5	83.0	83.2	83.5	83.7	83.8	83.9	83.9
≥ 1200	5.4	68.8	79.	81.3	[illegible].7	84.5	[illegible].2	86.9	87.5	[illegible].7	8 .1	88.2	88.3	88.4	88.4
≥ 1000	5.7	69.1	79.6	82.0	[illegible].5	85.4	[illegible].1	87.8	88.7	89.	89.4	89.5	89.6	89.7	89.7
≥ 900	6.	69.6	80.3	82.[illegible]	[illegible].3	86.2	88.1	88.8	89.7	90.0	90.3	9 .4	90.5	[illegible].6	[illegible].6
≥ 800	6.2	69.8	81.	83.7	[illegible].2	87.1	89.	89.8	90.6	91.0	[illegible].3	91.4	91.5	91.6	91.6
≥ 700	6.3	70.2	81.7	84.9	85.5	88.4	9 .8	91.5	92.6	93.	93.4	93.7	93.9	94.	94.0
≥ 600	6.3	70.2	81.9	5.2	[illegible].8	88.8	91.2	92.2	93.3	93.9	94.3	94.7	94.9	95.1	95.1
≥ 500	6.3	7 .2	82.[illegible]	85.3	95.9	89.4	91.9	9 .0	94.2	[illegible].7	95.2	95.6	95.8	95.9	95.9
≥ 400	6.3	70.2	82.0	85.3	[illegible].9	89.4	92.3	93.8	95.1	95.7	96.1	96.6	96.8	96.9	9[illegible].9
≥ 300	6.5	70.[illegible]	[illegible].2	85.4	[illegible].0	89.5	[illegible].4	93.9	95.4	96.2	96.8	97.3	97.7	98.	98.[illegible]
≥ 200	6.5	7 .[illegible]	82.2	95.4	[illegible].	89.5	[illegible].	93.9	95.4	96.2	96.9	97.5	98.1	98.5	98.8
≥ 100	6.5	70.[illegible]	82.2	85.4	[illegible].	89.5	[illegible].4	93.9	95.4	96.2	96.9	97.5	98.[illegible]	99.4	100.0
≥ 0	.5	70.3	82.2	85.4	[illegible].0	89.[illegible]	[illegible].4	93.9	95.4	96.2	96.9	97.5	98.3	99.4	[illegible].0

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
A... FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...71 (STATION) ILDENHALL AF K (STATION NAME) 4-6 (YEARS) ...6 (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...0-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 >1...	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥2 GE3	≥1 GE2	≥1 GE2	≥1 GE1	≥ GE1	≥ GE1	≥ GE1	≥5/16 GE0	≥ GE0	≥0 GE0
NO CEILING		22.3	23.	25.7	26.1	26.1	28.2	28.6	28.7	28.7	28.7	28.7	28.8	29.	29.1	3..0
> 20000		2 .6	26.2	29.6	0.1	30.3	32.6	33.0	33.1	33.1	33.1	33.1	33.2	33.4	33.5	34.4
≥ 18000		2 .6	26.2	29.7	3 .4	30.4	32.7	33.1	33.2	33.2	3 .2	33.2	33.3	33.5	33.7	34.5
≥ 6000		2 .6	26.2	29.7	30.4	30.4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 4000		2 .6	26.2	9.7	30.4	30.4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 2000		2 .6	26.2	29.7	3 .4	30.4	32.7	33.1	33.2	33.2	33.2	33.2	33.3	33.5	33.7	34.5
≥ 10000		2...	26.7	30.2	31.0	31.	33.2	33.7	33.8	33.8	33.8	33.8	33.9	34.1	34.2	35.1
≥ 9000		2 .7	7.7	31.3	32.1	32.1	34.4	34.8	34.9	34.9	34.9	34.9	35.1	35.3	35.4	36.2
≥ 8000		.4	31.2	35.8	36.8	36.9	39.7	4 .1	40.2	40.2	40.3	40.3	40.4	40.8	40.9	41.7
≥ 7000		32.	31.3	35.9	36.9	37.	39.9	4 .3	4 .4	4 .4	4 .5	4 .5	4 .6	41.	41.1	41.9
≥ 6000		32.	31.	36.1	37.1	37.2	40.1	40.5	40.6	40.6	4 .8	40.8	4 .9	41.2	41.3	42.2
≥ 5000		32.4	33.2	38.3	39.3	39.4	42.3	42.7	42.9	42.	43.0	43.0	43.1	43.4	43.5	44.4
≥ 4500	3 .2	33.2	42.6	43.5	43.7	46.8	47.3	47.5	47.5	47.6	47.6	47.7	48.	43.2	49.0	
≥ 4000	41.	42.4	4 .7	50.1	50.3	53.9	54.4	54.6	54.6	54.7	54.7	54.8	55.2	55.3	56.1	
≥ 3500	45.	47.	53.7	55.6	55.8	59.2	59.9	0.3	60.4	60.5	60.5	60.6	61.0	61.1	61.9	
≥ 3000	2.4	52.3	6 .4	62.5	62.7	66.2	67.	67.4	67.6	67.7	67.7	68.0	68.3	68.4	69.2	
≥ 2500	4.0	55.4	63.3	65.4	65.6	69.1	70.0	70.4	7 .6	70.8	70.8	71.0	71.3	71.4	72.3	
≥ 2000	5 .5	61.	70.1	72.4	72.6	76.2	7 .1	77.7	78.3	78.1	78.1	78.3	78.6	78.7	79.6	
≥ 1800	0.2	61.7	71.2	73.4	73.7	77.3	78.2	78.9	79.	79.1	79.	79.4	79.7	79.8	80.6	
≥ 1500	61.	63.5	74.3	76.7	76.9	80.9	91.8	82.7	82.9	83.	83.0	83.2	83.5	83.7	84.5	
≥ 1200	63.	66.	77.8	80.9	91.2	85.5	6.5	87.3	87.5	87.6	87.6	87.8	88.2	88.3	89.1	
≥ 1000	4.4	66.6	79.	82.2	82.5	86.9	88.3	89.4	89.6	89.7	89.7	89.9	90.2	90.3	91.2	
≥ 900	4.7	65.9	79.4	82.5	82.9	87.2	88.6	89.7	89.9	9 .0	90.0	90.2	90.5	90.6	91.5	
≥ 800	64.3	67.	80.2	83.5	94.0	8.5	90.1	91.2	91.4	91.5	91.5	91.7	92.1	92.2	93.1	
≥ 700	5.2	67.3	81.	84.3	84.7	89.6	91.3	92.4	92.7	92.8	9 .8	93.0	93.3	93.4	94.3	
≥ 600	5.2	67.3	81.0	84.3	84.7	89.7	91.6	92.7	93.	93.1	93.1	93.3	93.7	93.8	94.6	
≥ 500	5.2	67.3	81.1	84.5	85.1	90.1	92.5	93.5	93.9	94.0	94.0	94.2	94.5	94.6	95.5	
≥ 400	5.2	67.3	81.1	84.6	85.2	9 .4	93.3	94.6	94.9	95.2	95.2	95.4	95.8	95.9	96.8	
≥ 300	5.2	67.3	81.1	84.6	85.2	9 .4	93.8	95.2	95.6	95.8	95.8	96.	96.6	96.7	97.5	
≥ 200	5.2	67.3	81.1	84.6	85.2	90.4	94.0	95.4	96.2	96.5	96.5	96.9	97.6	98.1	98.9	
≥ 100	5.2	67.3	81.1	84.6	85.2	9 .4	94.1	95.4	96.3	96.7	96.7	97.1	98.1	98.6	99.7	
≥ 0	5.2	67.3	81.1	84.6	85.2	9 .4	94.1	95.4	96.3	96.7	96.7	97.3	98.3	98.8	00.0	

TOTAL NUMBER OF OBSERVATIONS 93...

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

CL BAL CLIMATOLOGY BRANCH
AFETAC
A[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15[illegible]7 | ILDENHALL RAF K | 4-67 | JA
STATION | STATION NAME | YEARS | MONTH

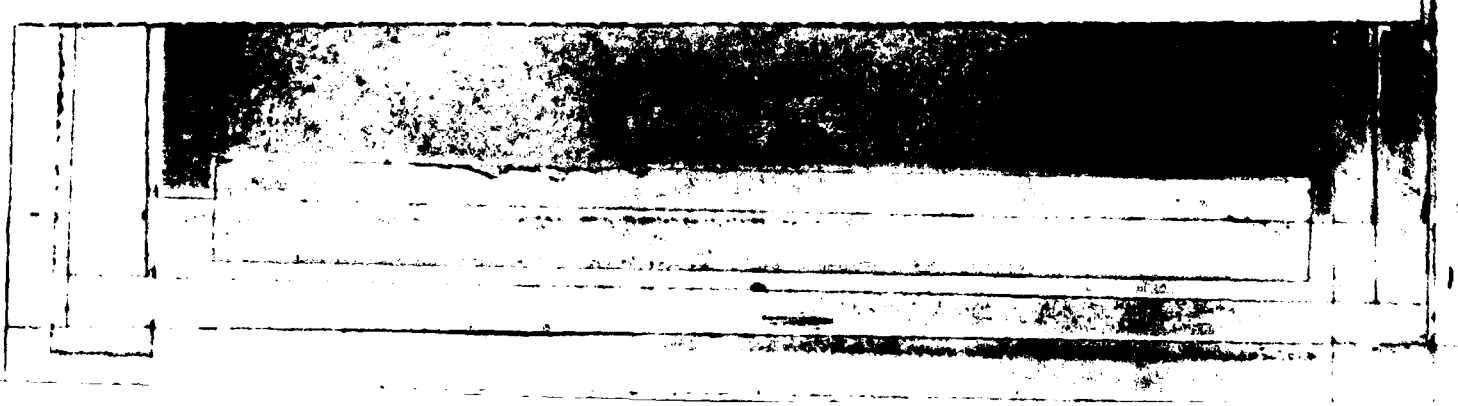
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES OR (M NOSEDS E METERS)															
	≥10	≥7 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE4	≥1 GE3	≥1/2 GE2	≥1/4 GE2	≥1/8 GE1	≥1/16 GE1	≥0 GE1	≥0 GE1	≥0 GE1	≥0 GE1	≥0 GE1
NO CEILING		24.	25.7	28.6	29.2	29.4	31.1	33.1	33.1	33.2	33.2	33.3	33.4	[illegible]	33.[illegible]	34.3
≥ 20000		[illegible] .3	2[illegible].3	31.3	32.3	32.4	34.1	36.1	36.1	36.2	36.2	36.3	36.5	36.9	36.9	37.3
≥ 18000		[illegible] .6	28.6	31.6	32.6	32.7	[illegible] .4	36.5	36.5	36.6	36.6	36.7	36.8	37.2	37.2	37.6
≥ 16000		[illegible] .6	29.6	31.6	32.6	32.7	34.[illegible]	36.5	36.5	36.6	36.6	36.7	[illegible].8	37.[illegible]	37.2	37.6
≥ 14000		[illegible] .6	28.6	31.6	32.6	32.7	34.4	36.5	36.5	36.6	36.6	36.7	36.8	37.2	37.2	37.6
≥ 12000		[illegible] .7	28.7	31.7	32.7	[illegible].8	34.5	36.6	36.6	36.7	36.7	36.8	36.9	37.3	37.3	37.7
≥ 10000		[illegible] .4	27.4	32.5	33.4	33.5	35.3	37.4	37.4	37.5	37.5	[illegible]7.6	3[illegible].7	38.2	38.2	38.6
≥ 9000		[illegible] .6	27.6	32.7	33.7	33.8	35.5	37.6	37.6	37.7	37.7	37.8	38.1	38.5	38.5	39.1
≥ 8000		2.4	33.3	37.[illegible]	[illegible].1	38.2	39.9	42.0	42.0	42.2	42.2	42.3	42.5	42.9	42.9	43.5
≥ 7000		[illegible].2	34.3	38.1	39.	[illegible]9.1	4[illegible].9	43.[illegible]	43.[illegible]	43.	43.[illegible]	43.2	43.4	43.9	43.9	44.5
≥ 6000		[illegible].2	34.4	38.3	39.2	[illegible]9.4	41.1	43.2	43.2	43.3	43.3	43.4	43.7	44.1	44.1	44.7
≥ 5000		3[illegible].4	35.7	40.[illegible]	41.3	41.4	43.3	45.6	45.6	45.7	45.7	45.8	46.[illegible]	46.5	46.5	47.1
≥ 4500		3[illegible].5	4[illegible].1	45.1	46.2	46.3	48.4	5[illegible].6	5[illegible].8	50.9	50.9	51.0	51.2	51.6	51.6	52.3
≥ 4000		2.4	43.[illegible]	49.9	51.6	51.7	54.	56.3	56.5	56.6	56.6	56.7	56.9	57.4	57.4	58.1
≥ 3500		[illegible].4	46.[illegible]	[illegible].0	56.[illegible]	[illegible]6.3	58.8	61.3	61.5	61.6	61.7	61.8	62.[illegible]	62.6	62.6	63.2
≥ 3000		5[illegible].	5[illegible].9	61.6	64.2	64.3	66.[illegible]	69.4	69.8	70.0	[illegible]0.1	70.2	70.5	71.1	71.1	71.7
≥ 2500		[illegible]3.[illegible]	55.9	65.5	69.1	68.2	7[illegible].8	73.3	73.8	74.	74.1	74.2	74.5	75.1	75.1	7[illegible].7
≥ 2000		5[illegible].	6[illegible].6	70.8	73.3	73.4	76.0	79.6	79.[illegible]	79.2	79.4	79.5	79.8	8[illegible].[illegible]	[illegible]0.3	[illegible]1.[illegible]
≥ 1800		5[illegible].9	61.4	[illegible]1.7	74.[illegible]	74.4	77.[illegible]	79.6	8[illegible].[illegible]	80.2	[illegible]0.3	8[illegible].4	80.8	81.3	81.3	[illegible]1.9
≥ 1500		[illegible].2	63.[illegible]	75.5	78.5	78.6	81.6	84.2	84.6	84.8	85.1	85.2	85.5	86.[illegible]	86.[illegible]	8[illegible].7
≥ 1200		[illegible].7	[illegible]5.4	78.5	81.[illegible]	[illegible]1.8	85.1	[illegible]7.6	88.1	88.3	88.5	88.6	88.9	89.5	89.5	9[illegible].1
≥ 1000		62.[illegible]	65.7	79.1	82.5	[illegible]2.6	86.	89.0	89.5	8[illegible].7	89.9	9[illegible].0	90.3	90.9	90.9	91.5
≥ 900		[illegible]3.[illegible]	66.[illegible]	8[illegible].2	83.5	[illegible]3.7	87.1	9[illegible].1	[illegible]0.6	[illegible]1.[illegible]	91.1	91.2	91.5	92.[illegible]	92.[illegible]	[illegible]2.7
≥ 800		[illegible]3.[illegible]	66.7	80.9	84.[illegible]	[illegible]4.4	88.1	91.2	91.8	92.	92.3	92.4	92.7	93.2	93.2	93.9
≥ 700		63.	66.8	81.3	84.9	85.	88.7	91.9	[illegible]2.6	92.8	93.[illegible]	93.1	93.4	94.[illegible]	94.[illegible]	94.6
≥ 600		63.[illegible]	66.9	81.3	85.1	[illegible]5.2	88.9	92.5	93.1	93.3	93.5	93.7	94.[illegible]	94.5	94.5	95.2
≥ 500		63.	66.8	81.5	85.4	[illegible]5.5	89.2	92.9	93.7	93.9	94.1	94.2	94.5	95.1	95.1	95.7
≥ 400		63.	66.8	81.5	85.5	[illegible]5.7	89.4	93.4	94.5	94.9	95.3	95.4	95.7	96.2	96.2	96.9
≥ 300		63.	66.8	81.5	85.5	[illegible]5.8	89.7	93.7	94.8	95.6	95.9	96.0	96.3	97.2	97.3	98.0
≥ 200		63.	66.8	81.5	85.5	[illegible]5.9	89.7	93.7	94.9	95.9	96.2	96.3	96.8	97.8	98.1	98.7
≥ 100		63.	66.8	81.5	85.5	[illegible]5.8	[illegible]9.7	93.7	94.9	95.9	96.2	96.5	96.9	98.3	98.9	99.6
≥ 0		63.	66.8	81.5	85.5	[illegible]5.8	89.7	93.7	94.9	95.9	96.[illegible]	96.5	96.[illegible]	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MA

CEILING VERSUS VISIBILITY

5 71 — STATION — ILDENHALL RAF K — STATION NAME — 4-87 — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10	≥6 GE 9	≥5 GE 8	≥4 GE 6	≥3 GE 4	≥2½ GE 4	≥2 GE 3	≥1½ GE 2	≥1¼ GE 2	≥1 GE 1 6	≥¾ GE 1 2	≥½ GE 1	≥¼ GE 8	≥5/16 GE 5	≥0 GE 4	≥0 GE 0
NO CEILING		22.3	23.	25.5	26.1	26.2	27.4	28.3	28.	29.6	28.6	28.7	28.8	28.9	29.0	29.4
≥ 20000		2 .9	27.3	30.2	3 .3	31.	32.4	33.3	33.3	33.7	33.7	33.8	33.9	34.1	34.2	34.5
≥ 18000		2 .6	27.1	30.3	31.0	31.1	32.9	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 16000		2 .6	27.3	3 .3	31.	31.1	32.9	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 14000		2 .6	27.3	3 .3	31.	31.1	32.5	33.4	33.5	33.8	33.9	33.9	34.1	34.2	34.3	34.7
≥ 12000		2 .7	2 .3	30.4	31.2	31.3	32.6	33.6	33.6	34.	34.	34.1	34.2	34.3	34.4	34.8
≥ 10000		2 .7	28.3	31.8	32.6	32.7	34.1	5.0	35.1	35.4	35.5	35.6	35.7	35.8	35.9	36.3
≥ 9000		2 .6	29.4	32.9	33.6	33.7	35.2	36.2	36.3	36.6	36.6	36.7	36.8	37.7	37.1	37.5
≥ 8000		1.	32.	36.5	37.6	37.7	39.3	40.3	40.3	4 .7	40.8	4 .8	41.	41.1	41.2	41.6
≥ 7000		32.	33.6	37.5	38.5	38.6	40.1	41.3	41.3	41.7	41.7	41.8	41.9	42.1	42.2	42.6
≥ 6000		32.	33.9	37.7	38.8	38.9	4 .6	41.5	41.6	41.9	42.	42.1	4 .2	42.4	42.5	42.9
≥ 5000		3 .2	35.2	39.4	40.5	40.7	42.5	43.5	43.5	43.9	44.	44.2	44.2	44.3	44.4	44.8
≥ 4500		3 .5	39.7	44.2	45.4	45.5	47.5	48.5	48.8	49.2	49.2	49.3	49.4	49.6	49.7	50.1
≥ 4000		42.	44.	49.4	50.3	51.1	53.2	54.4	54.6	55.1	55.2	55.3	55.4	55.6	55.7	56.1
≥ 3500		4 .0	47.3	53.2	54.3	55.1	57.5	58.8	59.1	59.7	59.8	59.9	6 .1	60.2	60.3	60.7
≥ 3000		1.1	52.7	59.3	61.	61.5	64.0	65.3	65.7	66.3	66.4	66.5	66.6	66.8	66.9	67.4
≥ 2500		4.3	56.	63.2	65.3	65.6	68.1	69.5	69.9	7 .6	70.7	70.7	70.9	71.1	71.2	71.6
≥ 2000		5 .1	61.1	69.1	71.5	71.8	74.5	76.1	76.5	77.3	77.4	77.5	77.6	77.8	78.	78.4
≥ 1800		5 .7	61.7	69.9	72.3	2.7	75.4	77.0	77.5	78.2	78.3	78.4	78.5	78.7	78.9	79.3
≥ 1500		2.3	64.4	73.6	76.3	76.6	79.7	81.5	82.1	82.8	8 .9	83.0	83.2	83.4	83.5	83.9
≥ 1200		4.1	66.3	76.5	79.4	79.8	83.1	85.	85.7	86.5	86.7	86.8	87.	87.2	37.3	87.7
≥ 1000		4.7	67.	77.6	80.5	1.0	84.4	86.5	87.3	88.1	88.3	88.4	88.6	88.9	89.	89.4
≥ 900		4.3	67.3	78.1	81.1	81.5	85.	87.2	88.	86.9	89.1	8 .2	89.4	89.6	89.8	90.2
≥ 800		5.1	67.6	78.7	81.8	82.3	85.9	88.3	89.1	9 .3	90.2	90.4	90.6	90.8	91.3	91.6
≥ 700		5.4	69.0	79.5	82.8	83.3	87.0	89.4	90.3	91.4	91.6	91.8	92.	92.3	92.4	92.8
≥ 600		5.5	63.1	79.8	83.2	83.7	87.1	9 .3	91.4	92.5	2.8	93.0	93.2	93.5	93.6	94.
≥ 500		5.5	69.1	80.1	83.7	84.2	88.4	91.2	92.3	93.6	93.8	94.	94.3	94.5	94.7	95.2
≥ 400		5.6	8.1	80.2	83.8	84.4	88.7	91.9	93.2	94.5	94.9	95.1	95.3	95.6	95.8	96.3
≥ 300		5.6	68.1	8 .2	83.9	84.5	88.8	92.2	93.5	95.1	95.5	95.8	96.2	96.7	96.9	97.5
≥ 200		5.6	68.1	8 .2	83.9	84.5	88.9	92.2	93.6	95.4	95.8	96.2	96.3	97.1	97.9	98.7
≥ 100		5.6	68.1	80.2	83.9	84.5	88.9	92.2	93.6	95.4	95.8	96.3	96.9	97.9	98.6	99.9
≥ 0		5.6	68.1	8 .2	83.9	84.5	88.9	92.2	93.6	95.4	95.9	96.3	96.9	97.9	98.6	100.

TOTAL NUMBER OF OBSERVATIONS 7440

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

GL RAL CLIMATOLOGY BRANCH
L AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible] 4-67 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] 00
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1¾ GE1¾	≥1½ GE1½	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥0 GE0
NO CEILING	[illegible]	[illegible]	22.3	25.7	26.8	[illegible]	29.5	30.9	31.3	31.6	31.8	31.8	31.9	32.	32.4	33.
≥ 20000	[illegible]	22.	24.3	28.4	29.9	3 .7	32.2	33.8	34.6	34.9	5.1	35.1	35.2	35.3	35.7	36.3
≥ 18000	[illegible]	22.	24.3	28.4	29.9	30.	32.2	33.8	34.6	34.9	35.1	35.1	35.2	35.3	35.7	36.3
≥ 16000	[illegible]	22.	24.9	28.4	29.9	30.0	32.2	33.8	34.6	34.9	35.1	35.1	35.2	35.3	35.7	36.3
≥ 14000	[illegible]	22.	24.9	28.4	29.9	3 .9	32.2	33.8	34.6	4.9	35.1	35.1	35.2	35.3	35.7	36.3
≥ 12000	[illegible]	22.	25.1	28.5	30.	30.1	32.3	33.9	34.8	35.	35.2	35.2	35.3	35.5	35.8	36.4
≥ 10000	[illegible]	2 .7	26.3	30.0	31.7	31.8	33.9	35.6	36.4	36.6	36.9	36.9	37.	37.1	37.5	38.1
≥ 9000	[illegible]	2 .5	26.3	31.1	32.7	32.9	35.1	36.8	37.6	37.8	38.1	38.1	38.2	38.3	38.7	39.2
≥ 8000	[illegible]	2 .0	27.5	33.3	35.5	35.6	37.9	39.6	4 .4	4 .7	40.9	40.9	41.	41.1	41.5	42.1
≥ 7000	[illegible]	2 .2	28.	33.6	35.7	35.8	38.4	40.1	40.9	41.1	41.4	41.4	41.5	41.6	42.	42.6
≥ 6000	[illegible]	2 .4	29.3	33.7	35.8	35.9	38.5	40.2	41.	41.3	41.5	41.5	41.6	41.7	42.1	42.7
≥ 5000	[illegible]	27.	30.5	35.6	37.7	37.8	4 .4	42.1	42.9	43.1	43.4	43.4	43.5	43.6	44.0	44.6
≥ 4500	[illegible]	30.	33.2	39.8	41.0	41.1	44.0	45.7	46.9	47.2	47.4	47.4	47.5	47.6	48.	48.6
≥ 4000	[illegible]	3 .5	37.8	43.9	46.5	46.6	5 .0	52.0	53.2	53.4	53.7	53.7	53.8	53.9	54.3	54.8
≥ 3500	[illegible]	36.	40.1	46.3	48.9	49.1	52.7	54.8	56.	56.3	56.5	56.6	56.7	56.9	57.2	57.8
≥ 3000	[illegible]	3 .	47.3	50.1	52.7	52.8	56.9	59.2	60.4	6 .8	61.	61.2	61.3	61.5	61.8	62.4
≥ 2500	[illegible]	3.5	46.	55.3	58.	58.2	62.2	4.5	65.7	66.1	66.3	66.5	66.7	66.8	67.1	67.7
≥ 2000	[illegible]	4 .3	49.8	59.9	62.8	62.9	67.3	69.6	7 .9	71.3	71.6	71.9	7 .1	72.1	72.5	73.2
≥ 1800	[illegible]	4 .6	50.4	60.9	63.7	63.8	68.6	70.9	72.2	72.6	72.9	73.2	73.3	73.4	73.8	74.3
≥ 1500	[illegible]	4 .2	53.1	64.7	67.6	67.7	72.	74.1	76.4	76.7	77.1	77.3	77.4	77.5	77.9	78.5
≥ 1200	[illegible]	.1	54.3	66.2	69.3	69.4	74.7	77.1	78.4	78.8	79.2	79.	79.7	79.9	80.7	81.9
≥ 1000	[illegible]	1.2	55.3	68.0	71.3	71.2	77.1	79.6	8 .9	81.8	82.3	82.5	82.7	83.	83.3	83.9
≥ 900	[illegible]	51.	55.3	68.7	71.9	72.1	77.9	80.4	81.7	82.6	83.1	83.3	83.6	83.8	84.2	84.8
≥ 800	[illegible]	2.	56.1	69.4	72.9	73.	79.1	81.4	82.7	83.7	84.	84.5	84.8	85.0	85.3	85.9
≥ 700	[illegible]	2.6	56.7	70.2	74.1	74.1	80.	82.5	83.9	85.1	85.6	85.9	86.2	86.4	86.8	87.4
≥ 600	[illegible]	2.7	57.	7 .0	74.9	5.1	81.3	84.5	86.1	87.4	87.8	88.2	88.5	88.9	89.2	89.8
≥ 500	[illegible]	2.7	57.	71.4	75.5	75.5	82.4	86.3	88.1	89.4	90.0	90.3	90.7	91.1	91.5	92.1
≥ 400	[illegible]	2.7	57.1	71.4	75.3	75.5	82.5	86.5	88.8	9 .1	9 .8	91.3	91.6	92.1	92.6	93.1
≥ 300	[illegible]	2.7	57.1	71.	75.5	75.8	83.1	87.1	89.6	91.1	92.0	92.4	93.	93.5	94.1	95.
≥ 200	[illegible]	2.7	57.	71.4	75.5	75.8	83.2	87.2	9 .1	91.8	92.7	93.3	94.1	94.6	95.9	97.3
≥ 100	[illegible]	2.7	57.0	71.4	75.5	75.8	83.2	87.2	9 .1	91.8	92.7	93.3	94.1	94.6	96.7	99.3
≥ 0	[illegible]	2.7	57.0	71.4	75.5	75.8	83.2	87.2	90.1	91.8	92.7	93.3	94.1	94.6	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 346

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72271 (STATION) ILOEN ALL BASE K (STATION NAME) 4-6? (YEARS) FEB (MONTH)

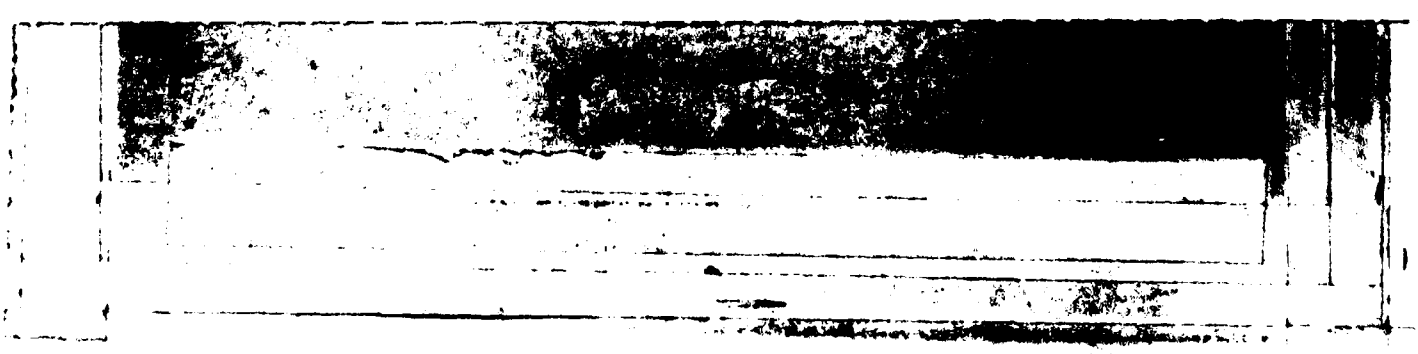
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS)															
	≥10 (16)	≥6 (9.7)	≥5 (8.0)	≥4 (6.4)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1¼ (2.0)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥5/16 (0.5)	≥0 (0.4)	≥0 (0.2)
NO CEILING		1 .7	19.6	22.2	23.8	24.9	24.9	26.4	27.5	28.	28.	28.3	29.4	29.6	29.2	29.6
≥ 20000		1 .4	2 .7	24.9	25.9	26.1	27.	29.4	30.6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 18000		1 .6	2 .7	24.9	25.9	26.	27.5	29.4	3 .6	31.1	31.1	31.3	1.4	31.7	32.3	32.6
≥ 16000		1 .6	20.7	24.9	25.7	26.0	27.5	29.4	3 .6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 14000		1 .6	2 .7	24.9	25.9	6.0	27.5	2 .4	30.6	31.1	31.1	31.3	31.4	31.7	32.3	32.6
≥ 12000		1 .8	2 .9	25.2	26.1	26.2	27.8	29.7	3 .9	31.3	31.3	31.6	31.7	31.9	32.5	32.8
≥ 10000		20.4	22.	27.2	28.1	28.3	29.8	31.7	32.9	33.3	33.3	33.6	33.7	33.9	34.5	34.9
≥ 9000		1.3	23.6	28.1	9.0	29.1	30.1	32.6	33.8	34.3	34.3	34.5	34.6	34.9	35.5	35.8
≥ 8000		24.	27.1	32.	33.1	33.2	34.2	36.8	37.9	38.4	38.4	38.7	38.8	39.0	39.6	40.0
≥ 7000		24.	27.3	32.2	33.5	33.6	35.3	37.6	38.8	39.2	39.2	39.5	39.6	39.8	4 .4	40.8
≥ 6000		24.	27.3	3 .3	33.6	33.7	35.5	37.7	38.9	39.4	39.4	39.6	39.7	4 .0	40.5	40.9
≥ 5000		2 .5	28.3	33.7	35.	35.1	36.9	39.1	4 .3	40.8	40.8	41.0	41.1	41.4	42.0	42.3
≥ 4500		2 .1	31.3	37.2	39.5	38.7	4 .8	43.	44.6	45.	45.	45.3	45.4	45.6	46.2	46.6
≥ 4000		32.	36.3	42.	44.2	44.3	47.0	49.5	51.1	51.5	51.5	51.8	51.9	52.1	52.7	53.1
≥ 3500		3 .3	38.9	46.3	47.9	48.	5 .7	52.2	54.7	5 .2	55.2	55.4	55.6	55.8	56.4	56.7
≥ 3000		3 .1	42.3	50.4	52.	52.1	55.3	58.2	59.7	6 .2	6 .2	6 .5	6 .6	6 .9	61.5	61.8
≥ 2500		.0	48.6	54.1	56.7	56.1	59.8	62.9	64.4	64.9	64.9	65.2	65.4	65.6	66.2	66.5
≥ 2000		4 .5	5 .1	60.0	62.3	62.5	66.8	70.0	71.	72.3	72.3	72.7	72.8	73.0	73.6	74.0
≥ 1800		4 .3	51.1	61.	63.2	63.5	67.1	7 .9	72.5	73.3	73.3	73.6	73.8	74.0	74.-	74.9
≥ 1500		.9	53.0	64.2	66.8	67.0	71.3	74.8	76.6	77.3	77.3	77.7	77.8	78.3	79.8	79.2
≥ 1200		4 .3	53.5	55.1	67.7	68.	72.5	76.2	7 .1	79.1	79.1	79.6	79.8	80.3	80.9	81.2
≥ 1000		4 .8	54.	65.8	68.4	68.7	73.3	77.8	79.7	81.	81.	81.4	8 .7	82.2	82.7	83.1
≥ 900		4 .	54.1	66.3	69.9	69.1	73.8	78.3	80.1	81.4	81.4	81.9	82.2	82.6	83.2	83.6
≥ 800		4 .9	54.1	67.	69.7	7 .1	75.1	79.9	81.8	83.3	83.3	83.8	84.0	84.5	85.1	85.5
≥ 700		C.0	54.3	67.4	7 .3	70.8	76.1	81.2	83.1	85.	85.	85.5	85.7	86.2	86.8	87.1
≥ 600		C.1	54.4	67.6	70.7	71.2	76.6	81.9	83.8	86.1	86.1	86.5	86.8	87.2	87.8	88.2
≥ 500		.1	54.4	68.2	71.6	7 .1	78.4	83.9	85.8	88.1	88.1	88.5	88.8	89.2	89.8	9 .2
≥ 400		.1	54.4	68.2	71.9	72.5	78.8	84.4	86.	88.9	89.	89.6	90.0	90.4	91.0	91.4
≥ 300		C.1	54.4	68.2	71.9	72.5	79.2	84.8	87.2	9 .0	90.1	90.7	91.1	92.4	93.4	94.3
≥ 200		.1	54.4	68.4	72.1	72.7	79.6	85.1	87.8	90.9	91.6	92.2	93.0	95.	96.1	97.2
≥ 100		.2	54.4	68.4	72.1	72.7	79.6	85.1	87.8	9 .9	9 .6	92.2	93.0	95.2	97.3	99.6
≥ 0		C.1	54.4	68.4	72.1	72.7	79.6	85.1	87.8	9 .9	91.6	92.2	93.	95.2	97.3	100.

TOTAL NUMBER OF OBSERVATIONS 596

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



USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ILDENHALL RAF [illegible] K	[illegible]-67	[illegible]E[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (KILOMETERS)																
	≥10 (16)	≥9 (14.5)	≥8 (13)	≥7 (11.3)	≥6 (9.7)	≥5 (8.0)	≥4 (6.4)	≥3½ (5.6)	≥3 (4.8)	≥2½ (4.0)	≥2 (3.2)	≥1½ (2.4)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥¼ (0.4)	≥0 (0)
NO CEILING		14.	15.5	18.8	19.6	19.7	2 .8	22.6	23.2	23.5	23.8	23.9	23.9	24.2	[illegible]4.3	24.9	
≥ 20000		16.	17.	21.7	22.8	22.9	24.6	26.6	27.3	27.5	27.9	28.	28.0	28.4	28.5	29.1	
≥ 18000		16.	17.7	21.7	22.8	22.9	24.6	26.6	27.3	27.5	27.9	28.0	28.0	28.4	28.5	29.1	
≥ 16000		16.	17.7	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.	28.0	28.4	28.5	29.1	
≥ 14000		16.	1 .7	21.7	22.8	22.9	24.6	26.6	27.2	27.5	27.9	28.	28.0	28.4	28.5	29.1	
≥ 12000		1 .1	18.	22.1	23.1	23.2	24.9	26.8	2 .4	27.8	28.1	28.3	28.3	28.6	28.7	29.3	
≥ 10000		1 .3	20.1	24.5	25.5	25.7	27.3	29.3	29.9	3 .3	3 .6	3 .7	30.7	1.1	31.2	31.8	
≥ 9,000		1 .3	20.4	24.8	26.0	26.1	27.9	29.8	30.4	3 .7	31.1	31.2	31.2	31.6	31.7	32.3	
≥ 8,000		21.	22.9	27.7	29.	29.	31.1	33.1	33.7	34.0	34.5	34.6	34.6	35.0	35.1	35.7	
≥ 7000		2.0	23.4	28.5	29.9	3 .7	32.0	34.4	35.	35.3	35.8	35.9	35.9	3 .4	36.5	37.1	
≥ 6000		2.1	23.5	28.6	30.0	30.1	32.2	34.5	35.1	35.5	35.9	36.1	36.1	36.5	36.6	37.2	
≥ 5000		22.	24.5	29.9	31.3	31.	33.6	35.9	36.5	36.9	37.4	37.5	37.5	38.1	38.3	38.9	
≥ 4500		2 .1	27.7	33.3	35.	35.1	37.5	39.8	4 .7	41.	41.6	41.8	41.8	42.4	42.7	43.3	
≥ 4000		2 .9	32.3	38.5	40.3	40.4	43.4	45.9	46.7	47.	47.6	47.9	47.9	48.5	48.7	49.3	
≥ 3500		3.2	35.5	42.4	44.2	44.3	47.5	50.0	50.9	51.2	51.8	52.4	52.4	53.	53.2	53.8	
≥ 3000		3 .3	39.7	46.3	48.3	48.5	52.	54.6	55.4	55.8	56.5	57.1	57.1	57.7	57.9	58.5	
≥ 2500		4 .8	42.3	50.5	52.7	52.8	56.6	59.3	6 .2	60.5	61.2	61.8	61.8	62.4	62.6	63.2	
≥ 2000		43.	46.3	55.8	58.9	9.0	63.4	66.5	67.5	67.8	68.6	69.1	69.1	69.7	7 .0	70.6	
≥ 1800		4.2	46.7	56.1	59.2	59.3	63.7	66.9	67.8	68.2	68.9	69.5	69.5	70.1	70.3	70.9	
≥ 1500		4 .1	48.7	59.1	62.3	62.4	67.4	7 .8	72.	72.7	73.4	74.	74.1	74.7	74.9	75.5	
≥ 1200		4 .3	48.	59.9	63.1	63.4	69.6	72.5	73.8	74.8	75.5	76.1	76.2	77.	77.2	77.8	
≥ 1000		46.	49.6	6 .9	64.2	64.4	7 .2	74.5	75.8	76.8	77.5	7 .1	78.3	79.0	79.2	79.8	
≥ 900		46.	49.6	61.3	64.7	64.9	7 .7	75.3	76.6	77.8	78.5	79.1	79.2	79.9	8 .1	80.7	
≥ 800		4 .	50.8	63.0	66.4	66.7	72.8	77.7	79.2	80.6	81.3	81.9	82.	82.7	83.	83.6	
≥ 700		4 .1	5 .9	63.4	67.5	67.8	74.1	79.8	81.4	83.0	3.7	84.3	84.5	85.2	85.5	86.1	
≥ 600		4 .3	51.2	63.7	67.8	68.2	75.9	81.1	82.7	84.5	85.2	85.8	86.1	86.8	87.0	87.6	
≥ 500		4 .	51.2	63.9	68.2	68.6	76.1	83.1	84.8	86.6	87.4	87.9	88.3	89.	89.2	89.8	
≥ 400		4 .3	51.2	63.9	68.3	68.9	77.3	84.	85.9	88.3	89.2	89.8	90.4	91.1	91.4	92.2	
≥ 300		4 .3	51.2	63.9	68.3	68.9	77.3	84.5	86.3	89.	9 .0	9 .7	91.3	92.7	9 .5	95.3	
≥ 200		4 .3	51.2	63.9	68.3	68.9	77.4	84.6	86.5	89.2	9 .2	91.	91.6	93.5	94.9	97.	
≥ 100		4 .3	51.2	63.9	68.3	68.9	77.4	84.6	8 .5	89.2	90.2	91.0	91.6	93.6	95.6	99.4	
≥ 0		4 .3	51.2	63.9	68.3	68.9	77.4	84.6	86.5	89.2	9 .2	91.	91.6	9 .6	95.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 846

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

GL BAL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

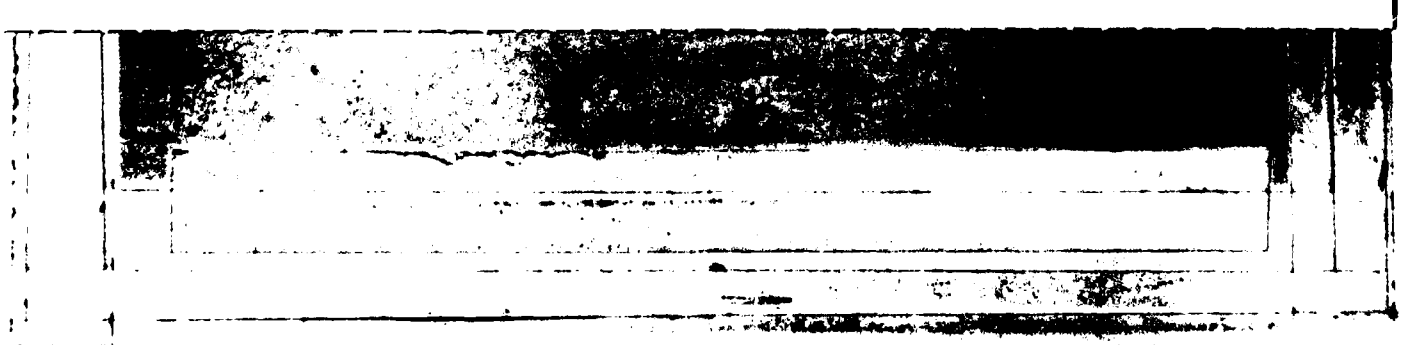
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]300-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 [illegible]	≥5 GE8	≥4 GE 6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE20	≥1 GE16	¾ GE12	½ GE8	¼ GE4	≥5/16 GE5	≥0 GE0
NO CEILING		1 .5	14.	18.1	19.3	19.5	20.8	21.	22.4	22.9	22.9	23.2	23.6	23.8	23.9	24.1
≥ 20000		1 .	17.4	21.6	23.2	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	28.7	29.1
≥ 18000		1 .1	17.4	21.6	23.3	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	28.7	29.1
≥ 16000		1 .1	17.4	21.6	23.2	23.4	25.3	26.6	27.3	27.7	27.7	27.9	28.4	28.5	28.7	29.1
≥ 14000		1 .1	1 .5	21.7	23.3	23.5	25.4	26.7	27.4	27.8	27.8	28.1	28.5	28.6	28.8	29.1
≥ 12000		1 .5	17.8	22.1	23.6	23.9	25.8	27.1	27.8	28.1	28.1	28.4	28.8	29.	29.2	29.4
≥ 10000		.9	19.4	23.6	25.2	25.4	27.1	28.6	29.3	29.7	29.7	29.9	30.4	30.5	30.7	31.0
≥ 9000		1 .6	2 .1	24.6	26.3	26.5	28.4	29.7	3 .4	30.7	30.7	3 .0	31.4	31.6	31.8	32.2
≥ 8000		2 .2	23.	28.6	30.3	30.5	32.6	34.3	35.	35.3	35.3	35.7	36.2	36.3	36.5	36.8
≥ 7000		2 .	24.2	29.1	30.9	31.1	33.3	35.0	35.7	36.1	36.1	36.4	36.9	37.	37.2	37.5
≥ 6000		2 .5	2 .5	29.3	31.1	31.3	33.5	35.2	35.9	36.3	36.3	36.6	37.1	37.2	37.5	37.7
≥ 5000		2 .4	26.	30.9	32.6	3 .9	35.3	37.0	37.9	38.4	38.5	38.9	39.4	39.5	39.7	4 .0
≥ 4500		2 .5	23.1	33.8	36.1	36.3	38.9	4 .7	41.8	4 .2	42.3	42.7	43.1	43.3	43.5	43.7
≥ 4000		20.	31.6	37.6	4 .7	40.2	42.9	44.9	45.9	46.7	46.8	47.4	48.	48.2	48.5	48.7
≥ 3500		3.	35.1	41.3	43.3	44.1	47.	49.5	5 .5	51.4	51.5	52.1	52.8	53.	53.2	53.4
≥ 3000		3 .4	38.	45.5	48.8	49.3	52.2	55.0	56.3	57.0	57.1	57.7	58.4	58.5	58.7	59.1
≥ 2500		3 .8	41.1	48.2	51.5	5 .0	55.4	58.2	59.6	60.5	60.6	61.3	62.1	62.2	62.4	62.6
≥ 2000		13.8	44.3	53.2	57.	57.4	61.2	64.7	66.2	67.1	67.4	6 .2	68.9	69.1	69.3	69.5
≥ 1800		43.	45.2	53.5	57.4	57.9	61.7	65.1	66.7	67.6	67.8	68.7	69.4	69.5	69.7	70.0
≥ 1500		4 .3	46.6	56.1	60.3	60.9	64.8	68.4	7 .2	71.6	71.9	72.7	73.4	73.5	73.8	74.1
≥ 1200		4 .7	48.1	59.7	63.2	63.8	68.2	72.5	74.2	76.0	76.4	77.3	78.	78.1	78.4	73.6
≥ 1000		4 .2	48.6	59.7	64.5	65.1	70.3	74.9	76.7	78.7	79.3	80.3	81.0	81.1	81.3	91.6
≥ 900		4 .3	48.8	6 .3	65.2	65.8	71.4	76.1	77.9	80.0	80.6	81.6	82.3	82.4	82.6	82.9
≥ 800		4 .6	49.3	61.2	66.3	66.9	72.5	77.4	79.4	82.	82.7	83.7	84.4	84.5	84.8	85.1
≥ 700		47.	49.5	61.7	67.3	68.1	74.	79.7	81.9	84.8	85.6	86.8	87.5	87.6	87.8	88.1
≥ 600		47.	49.5	61.8	67.4	68.2	74.2	80.0	82.5	85.5	86.3	87.5	88.2	88.3	88.5	88.8
≥ 500		47.	49.5	61.9	67.6	68.4	74.1	81.3	84.0	88.1	89.1	90.3	91.1	91.3	91.5	91.7
≥ 400		4 .	49.6	62.3	68.2	69.	75.1	82.6	85.6	90.4	91.6	92.9	93.7	94.1	94.3	94.7
≥ 300		4 .0	49.6	62.3	68.2	69.	75.1	82.7	85.8	9 .9	92.4	94.	95.4	96.2	96.6	97.6
≥ 200		4 .0	49.6	62.3	68.2	69.1	75.1	82.7	85.9	91.4	92.9	94.6	96.	96.8	97.3	98.7
≥ 100		4 .0	49.6	62.3	68.2	69.0	75.1	82.7	85.9	91.4	92.9	94.6	96.	97.	97.5	99.6
≥ 0		4 .	49.6	62.3	68.1	69.0	75.1	82.7	85.9	91.4	92.9	94.6	96.0	97.	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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



GL RAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 | ILDENHALL RAF K | 4-62 | FEB
STATION | STATION NAME | YEARS | MONTH

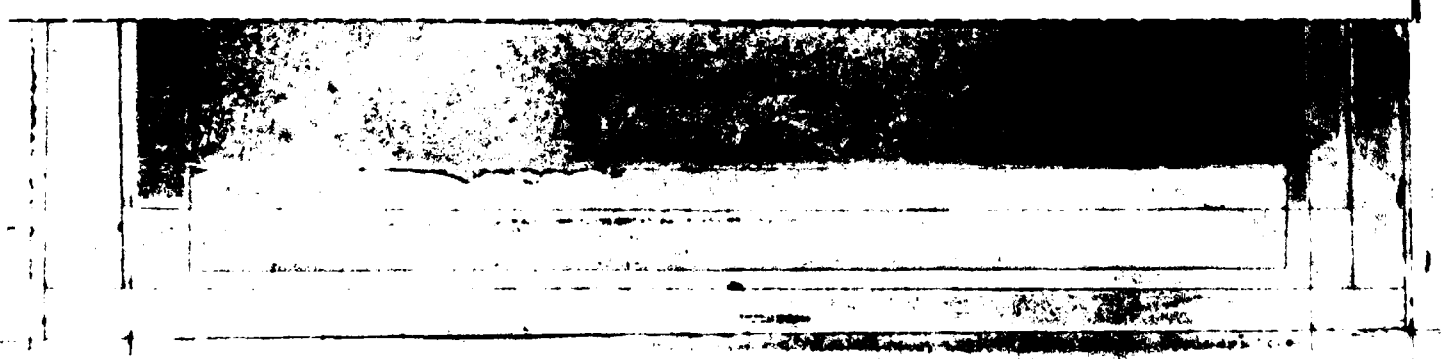
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-1400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE10	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥5/16 GE0	≥0 GE0		
NO CEILING		1 .1	14.4	18.1	19.1	19.5	2 .3	2 .3	2 .9	21.9	21.9	21.1	21.0	21.0	21.0	21.0
≥ 20000		1 .1	20.3	25.3	26.4	26.8	27.9	28.4	28.5	28.7	28.7	28.8	29.1	29.1	29.0	29.0
≥ 18000		.1	20.3	25.3	26.4	26.8	27.9	28.4	28.5	29.7	28.7	28.8	29.1	29.1	29.0	29.0
≥ 16000		1 .1	2 .3	25.3	26.4	6.8	27.9	28.4	28.5	28.7	28.7	28.8	29.0	29.0	29.	29.0
≥ 14000		1 .1	2 .3	25.3	26.4	26.8	27.9	28.4	28.5	8.7	28.7	28.8	29.0	29.0	29.0	29.0
≥ 12000		.9	20.1	25.8	26.8	27.3	28.4	28.8	29.	29.2	29.2	29.3	29.4	9.4	29.4	29.4
≥ 10000		1.3	22.5	27.4	28.7	29.2	3 .3	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.3	31.3
≥ 9000		2. 1	23.5	28.5	29.8	30.3	31.3	31.8	31.9	32.2	32.2	32.3	32.4	32.4	32.4	32.4
≥ 8000		2 .5	26.7	31.8	33.1	33.6	34.	35.1	35.2	35.5	35.5	35.6	35.7	35.7	35.7	35.7
≥ 7000		2 .7	27.9	33.1	34.6	35.1	36.2	36.6	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2
≥ 6000		3 .1	28.1	33.3	34.3	35.3	36.4	36.9	37.	37.2	37.2	37.4	37.5	37.5	37.5	37.5
≥ 5000		3 .1	29.3	34.5	36.2	36.6	37.7	38.3	38.4	38.7	38.7	38.8	38.9	38.9	38.9	38.9
≥ 4500		3 .1	32.9	3 .8	40.5	41.1	42.2	42.8	42.9	43.1	43.1	43.3	43.4	43.4	43.4	43.4
≥ 4000		3 .1	36.4	42.8	44.7	45.3	4 .5	47.6	47.9	48.2	48.2	48.3	48.5	48.5	48.5	48.5
≥ 3500		3 .7	41.4	48.5	5 .5	51.1	52.2	53.4	53.8	5 .1	54.1	54.3	54.4	54.4	54.4	54.4
≥ 3000		4 .1	46.7	54.5	56.9	57.4	59.	60.5	61.1	61.5	61.5	61.6	6 .7	61.7	61.7	61.7
≥ 2500		4 .7	50.5	58.7	61.2	61.9	63.9	65.	65.8	66.2	66.2	66.3	66.4	66.4	66.4	66.4
≥ 2000		3.2	55.7	65.0	67.5	68.2	70.3	72.1	72.9	73.4	73.4	73.5	73.6	73.6	73.6	73.6
≥ 1800		3.4	55.2	65.2	67.7	68.4	75.6	72.5	73.3	73.8	73.8	73.9	74.0	74.0	74.	74.0
≥ 1500		5.4	58.7	69.6	72.7	73.5	75.7	78.1	79.	79.6	79.6	79.7	79.8	79.8	79.8	79.8
≥ 1200		5 .2	60.5	73.	76.7	77.5	8 .7	83.7	85.1	85.7	85.7	85.8	85.9	86.1	8 .1	86.1
≥ 1000		5 .8	61.3	74.2	77.9	78.8	82.9	86.1	87.5	88.1	88.1	88.2	88.3	88.4	88.4	88.4
≥ 900		5 .4	62.1	75.1	79.0	79.9	83.9	87.2	88.7	89.2	89.2	89.4	89.5	89.6	89.6	89.6
≥ 800		5 .5	62.3	75.8	8 .	81.0	85.1	88.4	89.8	90.5	90.5	90.7	90.8	90.9	9 .9	90.9
≥ 700		5 .6	62.4	76.	80.3	81.3	85.9	91.3	9 .8	93.3	93.3	93.4	93.5	93.6	93.6	93.6
≥ 600		5 .6	62.4	76.2	8 .5	81.6	86.9	91.	92.6	94.1	94.1	94.3	94.4	94.6	94.6	94.6
≥ 500		5 .6	62.4	76.4	80.6	81.7	86.6	91.4	93.6	95.6	95.6	95.9	96.	96.1	96.2	96.2
≥ 400		5 .6	62.4	76.4	80.6	81.7	86.8	91.5	93.7	96.5	96.5	96.8	96.9	97.3	97.4	97.4
≥ 300		5 .6	62.4	76.4	8 .6	81.7	8 .8	91.5	93.9	96.8	97.0	97.5	97.6	98.2	98.5	98.7
≥ 200		5 .6	62.4	76.4	8 .6	81.7	86.8	91.5	93.9	96.8	97.0	97.6	98.0	98.9	99.2	99.4
≥ 100		5 .6	62.4	76.4	8 .6	81.7	86.8	91.5	93.9	96.8	97.	97.6	98.1	99.1	99.3	99.9
≥ 0		5 .6	62.4	76.4	80.6	81.7	86.8	91.5	93.9	96.8	97.	97.6	98.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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



GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | ILDENHALL RAF K STATION NAME | 4-8? YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES / (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING		16.	17.7	20.3	2 .6	21.	22.	22.7	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000		21.	22.9	26.6	27.1	27.9	29.0	29.8	29.8	3 .0	30.3	30.3	30.3	30.3	30.3	30.3
≥ 18000		.	23.2	26.8	27.3	28.0	29.2	30.0	30.0	30.3	3 .3	30.3	30.3	30.3	30.3	30.3
≥ 16000		21.	23.2	26.9	27.3	8.0	29.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 14000		21.	23.2	26.8	27.3	28.	29.2	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 12000		2.1	23.4	27.1	27.5	28.3	29.4	3 .3	30.3	30.5	30.5	3 .5	30.5	30.5	30.5	30.5
≥ 10000		2 .0	25.5	29.3	29.9	30.6	31.8	32.6	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 9000		2 .3	26.1	30.1	30.7	31.4	32.6	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000		2 .7	29.	33.8	34.4	35.1	36.3	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 7000		3 .3	3 .1	34.4	35.	35.7	36.9	37.7	37.7	37.9	37.9	37.9	38.2	38.2	38.2	38.2
≥ 6000		3 .6	3 .3	34.8	35.3	36.1	37.2	38.1	38.1	38.3	38.3	38.3	38.5	38.5	38.5	38.5
≥ 5000		3 .8	31.	35.9	36.5	37.2	38.7	39.5	39.5	39.7	39.7	39.7	4 .1	40.0	40.0	40.0
≥ 4500		13.	36.1	40.9	42.0	42.7	44.1	45.3	45.3	45.5	45.5	45.5	45.7	45.7	45.7	45.7
≥ 4000		4 .9	41.1	46.7	47.8	48.5	50.2	51.2	51.2	51.5	51.5	51.5	51.8	51.8	51.8	51.8
≥ 3500		2.4	44.	5 .9	52.	52.3	55.1	56.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 3000		4 .8	51.5	57.6	58.7	59.5	62.3	63.4	63.4	64.2	64.2	64.2	64.4	64.4	64.4	64.4
≥ 2500		1.1	53.3	61.	62.2	62.9	65.7	66.8	66.8	67.6	67.6	67.6	67.8	67.8	67.8	67.8
≥ 2000		4.4	57.7	66.2	67.4	68.1	71.5	73.2	73.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5
≥ 1800		.6	58.9	67.6	68.8	69.5	72.9	74.6	74.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9
≥ 1500		3 .2	61.9	72.7	74.0	74.7	7 .6	80.7	80.7	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 1200		5 .1	63.4	75.3	77.4	78.1	82.4	84.8	84.8	86.4	86.4	86.6	87.0	87.0	87.0	87.0
≥ 1000		5 .8	64.1	76.7	79.1	79.7	84.9	87.6	87.7	89.6	89.6	89.8	90.2	90.2	90.2	90.2
≥ 900		5 .8	64.1	76.7	79.1	79.8	85.2	88.1	88.2	9 .1	91.1	91.3	91.7	91.7	91.7	91.7
≥ 800		6.0	64.3	77.3	79.7	80.4	85.9	88.9	89.1	91.1	91.1	91.4	91.7	91.7	91.7	91.7
≥ 700		.2	64.4	77.4	80.1	81.1	86.8	90.4	90.8	92.9	92.9	93.1	93.5	93.5	93.5	93.5
≥ 600		.2	64.4	77.4	8 .3	81.1	86.9	91.3	91.7	94.0	94.2	94.4	94.9	94.9	94.9	94.9
≥ 500		0.2	64.4	77.5	8 .4	81.2	87.1	91.8	92.6	95.4	95.6	96.0	96.3	96.5	96.5	96.5
≥ 400		0.2	64.4	77.5	80.5	81.3	87.2	92.	92.8	96.1	96.5	96.9	97.4	97.4	97.4	97.4
≥ 300		0.2	64.4	77.5	80.5	81.3	87.2	92.0	92.9	96.3	96.7	97.6	98.1	98.5	99.6	98.6
≥ 200		.2	64.4	77.5	80.5	81.3	87.2	92.0	93.0	96.6	96.9	98.0	98.6	99.2	99.3	99.4
≥ 100		.2	64.4	77.5	8 .5	81.3	87.2	92.0	93.1	96.6	96.9	98.0	98.6	99.3	99.4	100.0
≥ 0		.2	64.4	77.5	8 .5	81.3	87.2	92.	93.	96.6	96.9	98.0	98.6	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7377 ILDENHALL RAF K 4-67 FEB
STATION STATION NAME YEARS MONTH

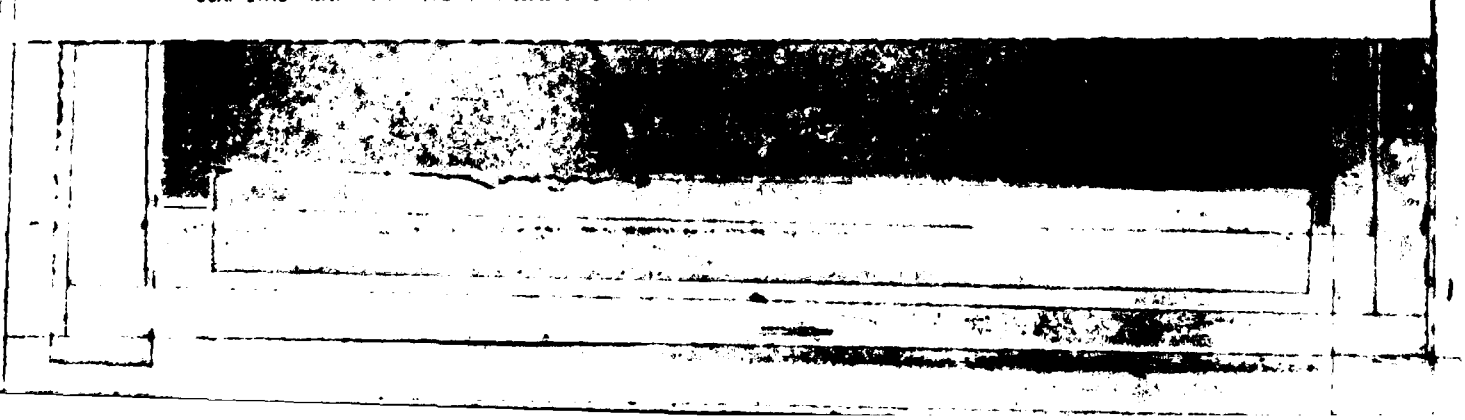
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2400
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 / ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2 GE4	≥2 GE3.2	≥1 GE2.4	≥1 GE2	≥1 GE1.6	≥1 GE1.2	≥1 GE1.0	≥1 GE0.8	≥5/8 GE0.6	≥½ GE0.4	≥0 GE0.2
NO CEILING		20.4	21.4	26.5	26.6	27.	29.4	29.1	29.2	29.6	29.6	29.7	29.7	29.7	29.7	29.9
≥ 20000		2 .3	24.2	30.9	31.0	31.3	33.5	34.2	34.3	34.6	34.6	34.8	34.8	34.9	34.8	34.9
≥ 18000		2 .3	24.3	31.0	31.1	31.4	33.6	34.3	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.
≥ 16000		2 .2	24.3	31.	31.1	31.4	33.	34.3	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.
≥ 14000		2 .2	24.3	31.3	31.4	31.8	33.9	34.6	34.8	35.1	35.1	35.2	35.2	35.2	35.2	35.3
≥ 12000		2 .4	24.6	31.6	31.7	32.	34.2	34.9	35.	35.3	35.3	35.5	35.5	35.5	35.5	35.6
≥ 10000		2 .3	25.2	32.2	32.3	32.6	34.9	35.6	35.7	36.1	36.1	36.2	36.2	36.2	36.2	36.3
≥ 9000		2 .1	25.5	32.9	33.0	33.3	35.6	36.3	36.4	36.9	36.8	36.9	36.9	36.9	36.9	37.
≥ 8000		96.	29.	36.1	36.5	36.9	39.8	40.1	40.2	40.5	40.5	40.7	40.7	40.7	4 .7	40.8
≥ 7000		2 .8	29.	37.1	37.5	37.8	4 .4	41.1	41.3	41.6	41.4	41.7	42.0	42.0	42.0	42.2
≥ 6000		27.	29.1	37.1	37.6	37.9	4 .5	41.3	41.4	41.7	41.7	41.8	42.	42.1	42.1	42.3
≥ 5000		3 .2	30.6	39.0	39.5	39.8	42.4	43.4	43.5	43.9	43.9	44.	44.2	44.2	44.2	44.4
≥ 4500		3 .4	32.	42.0	42.6	43.0	46.0	46.9	47.1	47.6	47.6	47.8	48.	48.	48.	48.2
≥ 4000		3 .5	37.	46.5	47.	47.5	50.8	51.5	52.0	52.4	52.4	52.5	52.7	52.7	52.7	53.
≥ 3500		3 .4	4 .1	49.9	5 .8	51.3	54.6	56.1	56.3	57.4	57.4	5 .6	57.8	57.8	57.8	58.0
≥ 3000		42.0	43.	55.	56.	56.5	6 .0	61.8	62.5	63.1	63.1	63.2	63.5	63.5	63.5	63.7
≥ 2500		45.	47.8	60.2	61.7	62.2	65.1	67.5	68.2	68.8	68.8	68.9	69.1	69.1	69.1	69.4
≥ 2000		4 .	51.3	65.6	67.7	68.2	72.0	73.9	74.7	75.4	75.4	75.5	75.8	75.8	75.8	76.
≥ 1800		4 .5	51.7	66.2	69.3	68.8	72.7	74.6	75.4	76.1	76.1	76.2	76.5	76.5	76.5	76.7
≥ 1500		51.	54.6	71.4	74.8	75.3	79.3	81.4	82.3	83.0	83.0	83.1	83.3	83.3	83.3	83.6
≥ 1200		2.5	55.6	73.5	77.4	77.9	82.2	84.6	85.7	86.5	86.6	86.8	87.	87.1	87.1	87.4
≥ 1000		2.6	56.0	74.5	78.5	79.0	83.8	86.4	87.6	88.5	88.7	88.9	89.1	89.2	89.2	89.5
≥ 900		52.	56.3	74.7	79.0	79.4	84.6	87.2	88.4	89.5	89.6	89.8	9 .1	90.2	90.2	90.4
≥ 800		52.	56.3	74.8	79.3	79.8	85.1	8 .1	89.6	90.9	91.0	91.3	91.5	91.6	91.6	91.8
≥ 700		52.	56.3	75.1	79.9	8 .4	86.4	89.6	9 .1	92.4	92.6	92.8	93.0	93.1	93.1	93.4
≥ 600		52.	56.3	75.1	79.9	8 .4	86.5	9 .5	92.8	94.3	94.4	94.7	94.9	95.0	95.0	95.3
≥ 500		52.	56.3	75.3	80.3	80.7	86.9	91.	94.	95.9	96.	96.2	96.5	96.6	96.6	96.8
≥ 400		3.0	56.4	75.4	80.4	80.9	87.1	92.1	95.0	97.5	97.6	97.9	98.1	98.2	98.2	98.5
≥ 300		3.	56.4	75.4	8 .4	80.9	87.1	92.3	95.3	98.2	98.5	98.7	98.9	99.1	99.1	99.3
≥ 200		3.	56.4	75.4	8 .4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.4	99.6
> 100		3.0	56.4	75.4	8 .4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.6	100.0
≥ 0		3.0	56.4	75.4	80.4	80.9	87.1	92.3	95.3	98.2	98.5	98.8	99.1	99.4	99.6	1 0.0

TOTAL NUMBER OF OBSERVATIONS 346

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



GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible]ILDENHALL RAF K STATION NAME | 4-87 YEARS | [illegible]EB MONTH

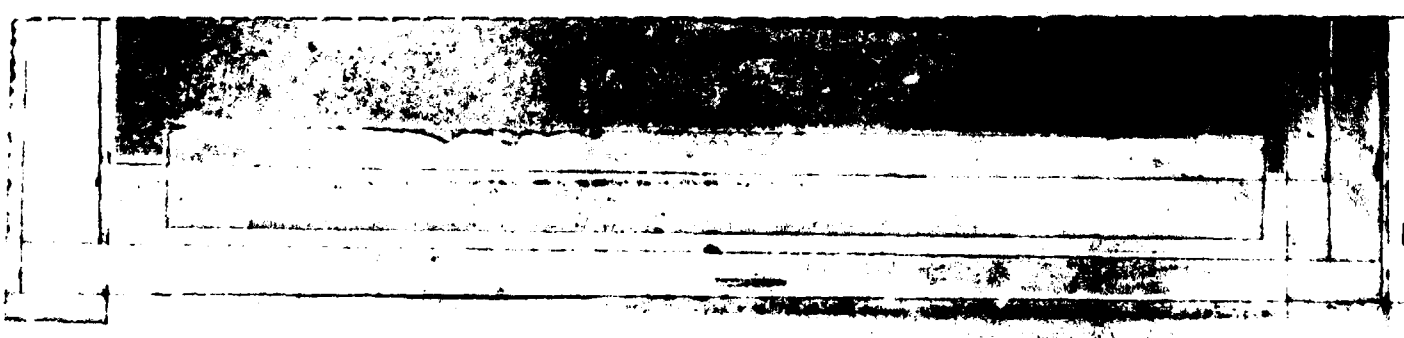
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE33	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥⅛ GE05	≥0 GE0
NO CEILING		32.	24.3	30.9	32.7	32.7	33.9	34.9	34.9	35.5	35.5	35.5	35.7	35.9	36.1	36.5
≥ 20000		2 .1	27.1	34.3	35.7	35.7	37.7	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 18000		2 .	27.1	34.3	35.7	35.7	37.1	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 16000		2 .	27.1	34.3	35.7	35.7	37.	38.8	38.8	39.4	39.4	39.4	39.6	39.8	4 .2	40.4
≥ 14000		2 .4	27.4	34.6	36.1	36.1	39.1	39.1	39.	39.7	39.7	39.7	40.0	40.2	40.3	40.8
≥ 12000		2 .4	27.4	34.6	36.1	36.1	38.1	39.1	39.1	39.7	39.7	39.7	4 .7	40.2	40.3	40.8
≥ 10000		2 .5	29.0	35.7	37.5	37.5	39.5	4 .5	4 .5	41.1	41.1	41.1	41.4	41.6	41.7	42.2
≥ 9000		2 .4	29.4	36.1	37.8	37.8	39.8	40.9	40.9	41.5	41.5	41.5	41.7	42.	42.1	42.6
≥ 8000		.1	3 .1	38.2	4 .2	40.2	42.6	43.6	43.6	44.2	44.2	44.2	44.4	44.7	44.8	45.3
≥ 7000		2 .8	3 .1	38.9	4 .9	40.9	43.4	44.4	44.4	45.0	45.0	45.0	45.3	45.5	45.7	46.2
≥ 6000		2 .8	30.9	38.9	41.	41.1	43.9	44.6	44.6	45.2	45.2	45.2	45.4	45.6	45.9	46.3
≥ 5000		2 .9	31.1	40.2	42.3	42.3	44.2	45.9	45.9	46.5	46.5	46.5	46.7	46.9	47.2	47.6
≥ 4500		.4	34.4	42.8	45.2	45.4	48.0	49.2	49.3	49.9	49.9	49.9	5 .1	50.4	5 .6	51.1
≥ 4000		3 .	37.1	45.7	48.2	48.6	1.5	52.8	53.0	53.5	53.5	53.5	53.8	54.0	54.3	54.7
≥ 3500		3 .2	4 .4	49.8	52.2	52.6	55.8	57.2	57.3	57.9	8.3	58.3	58.5	58.7	59.0	59.5
≥ 3000		1.3	43.7	54.	56.5	56.9	6 .2	61.9	62.1	62.6	63.	63.3	63.3	63.5	63.7	64.2
≥ 2500		44.	47.3	58.7	61.9	62.3	65.6	67.4	67.5	68.1	68.4	68.4	68.7	68.9	69.1	69.6
≥ 2000		4 .1	50.7	4 .1	67.7	68.1	71.6	73.5	73.6	74.2	74.6	74.6	74.8	75.1	75.3	75.8
≥ 1800		4 .5	51.1	65.1	68.8	69.1	73.0	74.9	75.1	75.7	76.0	76.0	76.2	76.5	76.7	77.2
≥ 1500		1.4	54.6	69.3	73.8	74.3	79.5	8 .4	8 .5	81.1	81.4	81.4	81.7	81.9	82.2	82.6
≥ 1200		2.6	55.9	71.6	76.7	77.4	81.8	83.9	84.	84.6	85.	85.0	85.3	85.5	85.7	86.2
≥ 1000		53.	57.1	73.4	78.6	79.3	83.8	86.4	86.5	87.1	87.6	87.6	87.8	88.1	88.3	88.8
≥ 900		4.1	57.4	73.8	79.1	79.8	84.3	86.9	87.1	87.7	88.2	88.2	88.4	88.7	88.9	89.4
≥ 800		4.3	57.7	74.6	8 .1	80.9	85.3	7.9	88.3	88.9	89.4	89.4	89.6	89.8	9 .1	90.5
≥ 700		4.6	58.	75.1	8 .6	81.4	86.2	89.	89.4	90.2	90.	90.7	90.9	91.1	91.4	91.8
≥ 600		4.7	58.3	75.5	81.7	82.5	87.5	91.1	91.7	92.8	93.3	93.3	93.5	93.7	94.0	94.4
≥ 500		4.7	58.3	75.9	82.0	82.9	88.1	92.4	93.6	94.8	95.3	95.3	95.5	95.7	96.	96.5
≥ 400		4.7	58.3	75.9	82.0	82.9	88.1	92.9	94.2	95.5	96.	96.0	96.2	96.5	96.7	97.2
≥ 300		54.1	58.3	75.9	82.2	83.0	88.9	93.3	94.7	96.5	96.9	96.9	97.2	97.5	97.8	98.2
≥ 200		54.1	58.3	75.9	82.2	83.	88.9	93.3	94.7	96.6	97.0	97.2	97.4	98.2	98.9	99.4
≥ 100		54.1	58.3	75.9	82.2	83.	88.9	93.3	94.7	96.6	97.	97.2	97.5	98.1	99.2	99.9
≥ 0		54.1	58.3	75.9	82.2	83.0	88.9	93.3	94.7	96.6	97.	97.2	97.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5577 | MILDENHALL RAF (UK) | 64-67 | YEARS | FEB | MONTH

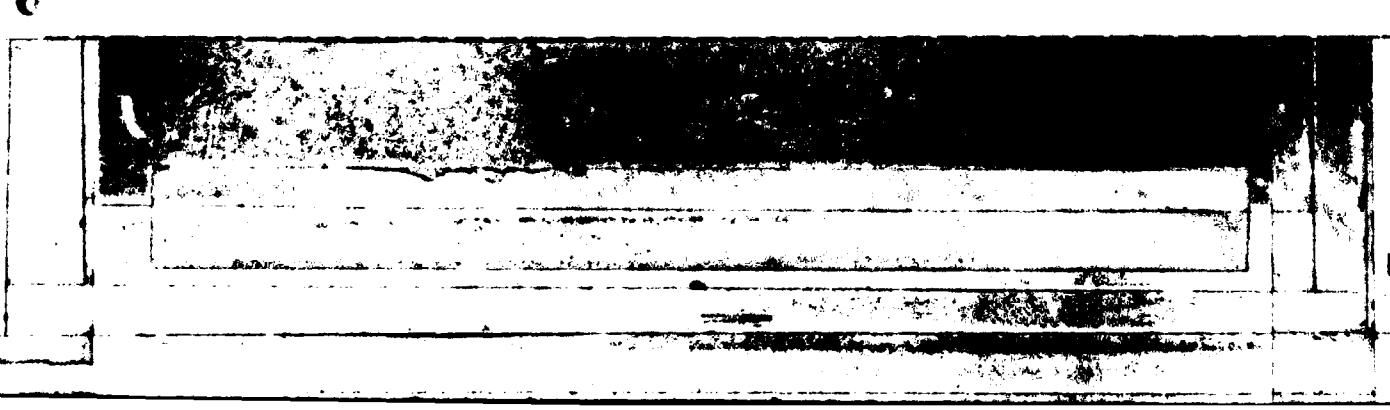
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL | HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2 (3.2)	≥1½ (2.4)	≥1 (1.6)	≥¾ (1.2)	≥½ (1.0)	≥¼ (0.8)	≥0 (0.0)				
NO CEILING		1.5	18.4	22.6	23.3	23.6	24.9	25.1	26.5	26.9	26.9	27.0	27.1	27.3	27.4	27.7
≥ 20000		2.0	21.9	26.7	27.7	28.	29.7	30.9	31.4	31.7	31.8	31.9	32.0	32.2	32.4	32.7
≥ 18000		2.0	22.0	26.8	27.8	28.	29.7	31.	31.4	31.8	31.9	32.	32.1	32.2	32.4	32.7
≥ 16000		2.0	22.0	26.8	27.8	28.0	29.7	31.	31.4	31.8	31.9	32.	32.1	32.2	32.4	32.7
≥ 14000		2.0	22.3	26.9	27.9	28.1	29.8	31.1	31.5	31.9	32.	32.1	32.2	32.3	32.5	32.8
≥ 12000		2.	22.3	27.1	28.1	28.4	30.1	31.3	31.	32.1	32.2	32.3	32.4	32.6	32.7	33.
≥ 10000		2.2	23.7	28.7	29.9	30.1	31.8	33.1	33.5	33.9	34.0	34.1	34.2	34.3	34.5	34.8
≥ 9000		2.3	24.3	29.5	3 .7	30.9	32.7	33.9	34.4	34.7	34.8	34.9	35.	35.2	35.3	35.6
≥ 8000		2.4	27.1	32.7	34.3	34.3	36.2	37.5	37.9	38.3	38.3	38.5	38.6	38.7	38.9	39.2
≥ 7000		2.0	27.	33.3	34.7	35.0	37.0	38.4	38.8	39.2	39.3	39.4	39.6	39.7	39.9	4 .2
≥ 6000		2.2	27.8	33.5	34.7	35.2	37.2	38.5	39.0	39.3	39.4	39.6	39.7	39.9	4 .1	40.4
≥ 5000		2.3	29.1	35.	36.4	36.7	38.7	4 .1	4 .6	41.0	41.1	41.2	41.4	41.6	41.8	42.1
≥ 4500		0.2	32.1	39.4	4 .1	42.4	42.7	44.2	44.8	45.2	45.3	45.4	45.6	45.8	46.0	46.3
≥ 4000		3 .1	36.2	43.0	44.8	45.2	47.8	49.4	5 .1	5 .5	50.7	50.8	51.0	51.2	51.4	51.7
≥ 3500		3 .	39.5	46.	49.8	49.2	52.0	53.8	54.5	55.0	55.2	55.4	55.6	55.8	56.	56.3
≥ 3000		1.2	43.6	51.7	53.8	54.1	7.2	57.3	60.1	60.6	60.8	61.1	61.3	61.5	61.7	62.
≥ 2500		4.4	46.	55.9	58.2	58.5	61.8	63.9	64.8	65.	65.5	65.8	66.0	66.2	66.4	66.7
≥ 2000		4 .1	50.8	61.2	63.9	64.3	68.	70.4	71.3	72.	72.2	72.5	72.7	72.9	73.1	73.4
≥ 1800		4 .6	51.9	62.0	64.7	65.1	69.9	71.3	72.2	72.9	73.1	73.3	73.6	73.7	73.9	74.2
≥ 1500		5 .	3.9	65.	69.0	69.5	73.5	76.2	77.2	78.0	78.2	78.5	78.7	78.9	79.1	79.4
≥ 1200		1.	55.1	67.9	71.5	71.9	7 .4	79.4	80.5	81.5	81.7	82.1	82.4	82.6	82.8	83.1
≥ 1000		2.4	55.8	69.1	72.8	73.3	78.3	81.6	82.8	84.0	84.2	84.6	84.9	85.1	85.3	85.7
≥ 900		2.6	56.	69.6	73.3	73.8	79.	82.4	83.6	84.8	85.1	85.4	85.7	86.0	86.2	86.5
≥ 800		52.	56.4	70.4	74.3	74.8	8 .1	83.7	85.	86.4	86.7	87.1	87.4	87.6	87.8	88.1
≥ 700		3.1	56.6	70.8	75.0	75.6	81.3	85.3	86.7	88.3	88.7	89.1	89.3	89.6	89.8	9 .1
≥ 600		3.2	56.7	71.1	75.4	76.0	81.9	6.4	88.0	89.8	90.2	90.6	90.9	91.2	91.4	91.7
≥ 500		3.2	56.7	71.3	75.5	76.4	82.7	87.7	89.6	91.7	92.1	92.6	92.9	93.2	93.4	93.7
≥ 400		3.2	56.7	71.4	75.9	76.6	83.	88.3	9 .3	92.9	93.4	93.9	94.3	94.6	94.9	95.2
≥ 300		3.2	56.7	71.4	75.9	76.6	83.2	88.5	9 .7	93.6	94.2	94.8	95.3	96.	96.4	97.1
≥ 200		3.2	56.7	71.4	76.0	6.7	83.2	88.6	90.9	93.9	94.6	95.3	96.	97.	97.6	98.5
≥ 100		3.2	56.7	71.4	76.	76.7	83.2	88.6	90.9	93.9	94.6	95.3	96.0	97.1	98.1	99.7
≥ 0		3.2	56.7	71.4	76.	76.7	83.2	88.6	9 .9	93.9	94.6	95.3	96.0	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

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 | ILDENHALL RAF K STATION NAME | 4-8? YEARS | MAR MONTH

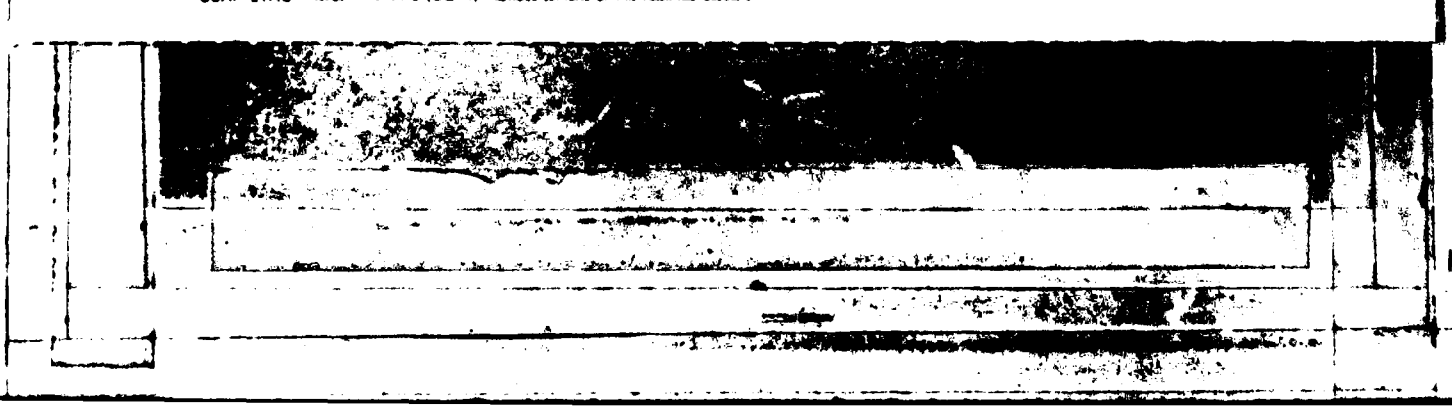
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2300 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¾ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥S 16 GE0	≥0 GE0	
NO CEILIN		2.0	33.7	36.8	37.4	37.4	38.2	39.2	39.4	39.5	39.5	39.6	39.7	39.7	39.7	40.1
≥ 20000		33.	35.3	38.7	39.5	39.5	40.3	41.7	41.8	41.9	41.9	42.	42.2	42.2	42.2	42.6
≥ 18000		33.	3 .4	38.8	39.6	39.6	40.3	41.8	41.9	42.0	42.	42.2	42.3	42.3	42.3	42.7
≥ 6000		33.	35.4	38.8	39.6	39.6	40.3	41.8	41.9	42.0	42.0	42.2	42.3	42.3	42.3	42.7
≥ 4000		33.	35.4	38.8	39.6	39.6	4 .3	41.8	41.9	4 .0	42.0	42.2	42.3	42.3	42.3	42.7
≥ 2000		3 .1	35.7	39.1	39.9	39.9	4 .6	42.2	42.3	42.4	42.4	42.5	42.6	4 .6	42.6	43.-
≥ 10000		34.	36.6	40.3	41.1	41.1	41.8	43.3	43.4	43.5	43.5	43.7	43.8	43.8	43.8	44.2
≥ 9000		35.	7.4	41.2	41.9	41.9	42.7	44.2	44.3	44.4	44.4	44.5	44.6	44.6	44.6	45.1
≥ 8000		7 .5	4 .2	44.1	44.9	44.9	4 .6	47.1	47.2	47.3	47.3	47.4	47.5	47.5	47.5	48.
≥ 7000		3 .7	41.4	45.3	46.	46.7	46.3	49.3	48.4	48.5	48.5	4 .6	48.7	48.7	48.7	49.1
≥ 6000		10.2	41.	45.8	46.6	46.6	47.3	49.8	48.9	49.	49.	49.1	49.2	49.2	49.2	49.7
≥ 5000		3.2	44.7	48.7	49.5	49.5	50.2	51.7	51.8	51.9	51.9	52.	52.2	52.2	52.2	52.6
≥ 4500		4 .2	49.2	52.8	53.5	53.5	54.3	55.8	55.9	56.0	56.	56.1	56.2	56.2	56.2	56.7
≥ 4000		4 .7	51.9	56.3	57.5	57.6	58.7	60.4	60.6	60.8	60.8	60.9	61.0	61.	61.0	61.4
≥ 3500		52.	55.2	6 .5	61.5	61.6	62.7	64.5	64.7	6 .8	64.8	64.9	65.1	65.1	65.1	65.5
≥ 3000		5 .1	58.6	64.5	65.9	66.1	67.2	69.1	69.4	69.6	69.6	69.7	69.8	69.8	69.8	70.2
≥ 2500		5 .1	61.6	68.6	70.7	70.3	71.5	73.5	73.8	74.	74.0	74.1	74.2	74.2	74.2	74.6
≥ 2000		3.3	65.	73.4	74.8	75.2	76.3	78.4	78.6	78.8	78.8	78.9	79.	79.0	79.0	79.5
≥ 1800		3.7	66.3	73.9	75.	75.6	76.6	78.8	79.0	79.2	79.2	79.4	79.5	79.5	79.5	79.9
≥ 1500		6.7	69.2	77.5	79.	79.4	8 .3	83.3	8 .2	83.4	83.4	83.5	83.7	83.7	83.7	84.1
≥ 1200		6 .	7 .5	79.2	81.	81.3	82.3	85.2	85.5	85.7	85.7	85.8	85.9	85.9	85.9	86.3
≥ 1000		6 .1	71.9	80.8	82.7	83.	85.1	87.4	87.7	88.1	88.1	88.2	88.3	88.3	88.3	88.7
≥ 900		6 .3	72.0	81.3	83.3	83.7	85.9	88.3	88.6	88.9	88.9	89.	89.1	89.1	89.1	89.6
≥ 800		6 .4	72.4	2.2	84.4	84.7	87.1	89.8	90.2	90.5	9 .5	9 .6	90.8	90.8	90.8	91.2
≥ 700		6 .5	77.8	92.6	85.5	85.9	89.2	92.4	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.9
≥ 600		6 .5	77.8	82.7	86.	86.5	9 .8	93.5	94.2	94.5	94.5	94.6	94.7	94.7	94.7	95.2
≥ 500		6 .8	73.2	84.	87.6	88.2	92.4	96.1	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.7
≥ 400		6 .8	73.2	84.0	87.6	88.2	92.4	96.1	96.9	97.2	97.4	97.5	97.6	97.6	97.6	98.1
≥ 300		6 .8	73.2	84.0	87.7	88.3	92.5	96.2	97.1	97.7	98.	98.1	98.2	98.2	98.2	98.5
≥ 200		6 .8	73.2	84.	87.7	88.3	92.5	96.2	97.1	98.1	98.3	98.4	98.5	98.8	98.8	99.5
≥ 100		6 .8	73.2	84.	87.7	88.3	92.5	96.2	97.	98.1	98.3	98.4	98.5	99.0	99.1	100.0
≥ 0		6 .8	73.2	84.	87.7	88.3	92.5	96.2	97.1	98.1	98.3	98.4	98.5	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



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

CEILING VERSUS VISIBILITY

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

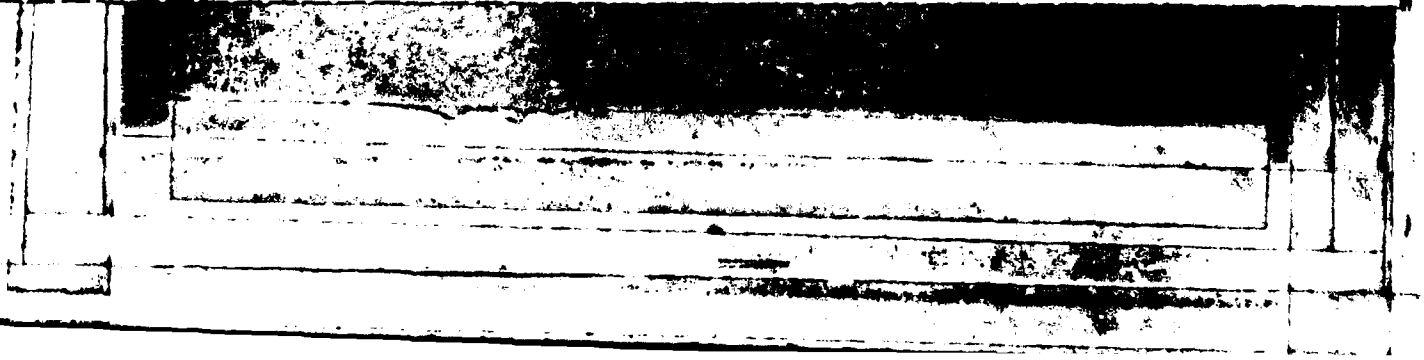
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-0500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		.0	30.2	33.7	35.2	35.2	37.	38.3	38.6	38.7	38.7	38.8	38.9	38.9	38.9	39.2
≥ 20000		.0	31.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 18000		.0	31.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 16000		.1	31.4	35.3	36.9	37.0	39.0	40.8	41.1	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 14000		.1	31.4	35.3	36.9	37.	39.0	40.8	41.	41.3	41.3	41.3	41.4	41.5	41.5	41.8
≥ 12000		0.2	31.5	35.4	37.	37.1	39.1	40.9	41.2	41.4	41.4	41.4	41.5	41.6	41.6	41.9
≥ 10000		30.	32.0	35.9	37.5	37.6	39.8	41.5	41.9	42.	42.0	42.0	42.2	42.3	42.3	42.6
≥ 9000		.4	32.7	36.	38.5	38.6	41.0	42.7	43.0	43.2	43.2	43.2	43.3	43.4	43.4	43.8
≥ 8000		3.	35.3	39.6	41.2	41.	43.7	45.4	45.7	45.9	45.9	45.9	46.0	46.1	46.1	46.5
≥ 7000		3 .2	36.5	4 .8	42.4	42.5	44.9	46.6	46.9	47.1	47.1	47.1	47.2	47.3	47.3	47.6
≥ 6000		3 .3	36.6	4 .9	42.5	42.6	44.9	46.7	47.	47.2	47.2	47.2	47.3	47.4	47.4	47.7
≥ 5000		3 .6	39.1	42.4	44.1	44.2	46.6	48.3	48.6	48.8	48.8	48.8	48.9	49.	49.0	49.4
≥ 4500		4.0	42.5	47.1	49.3	49.5	51.8	53.5	53.9	54.1	54.1	54.1	54.2	54.3	54.3	54.6
≥ 4000		4 .3	47.1	52.5	55.	55.7	58.3	60.0	60.3	60.5	60.5	60.5	60.6	60.8	60.8	61.1
≥ 3500		4 .5	49.4	55.5	58.1	58.7	61.4	63.1	63.4	63.7	63.7	63.7	63.8	63.9	63.9	64.2
≥ 3000		5.6	52.5	58.9	61.7	62.4	65.2	66.9	67.2	67.4	67.4	67.4	67.5	67.6	67.6	68.0
≥ 2500		2.2	54.1	61.5	64.6	65.3	68.3	70.1	70.8	71.0	71.0	71.0	71.1	71.2	71.2	71.5
≥ 2000		5.	57.7	66.0	69.2	70.0	73.5	75.4	76.0	76.3	76.3	76.3	76.5	76.6	76.6	76.9
≥ 1800		5 .6	58.8	67.1	70.3	71.1	74.6	76.5	77.1	77.4	77.4	77.4	77.5	77.6	77.6	78.1
≥ 1500		.3	62.7	72.2	76.	76.8	8 .4	82.4	83.0	8 .3	83.3	83.3	83.4	83.5	83.5	84.0
≥ 1200		1.2	64.	73.7	77.5	78.3	82.3	84.4	85.1	85.4	85.4	85.4	85.5	85.6	85.6	86.0
≥ 1000		1.5	64.5	74.3	78.2	78.9	83.5	85.7	86.3	86.8	86.8	86.8	86.9	87.	87.0	87.4
≥ 900		2.2	65.5	76.0	79.9	80.6	85.4	87.6	88.3	88.7	88.7	88.7	88.8	88.9	88.9	89.4
≥ 800		2.3	66.1	77.	81.1	81.8	86.8	89.1	89.9	90.3	90.3	90.3	90.4	9 .5	90.5	91.0
≥ 700		2.3	66.1	77.2	81.9	82.3	87.6	9 .2	91.0	91.4	91.4	91.4	91.5	91.6	91.6	92.0
≥ 600		2.8	66.1	77.2	81.7	82.9	88.9	91.6	92.5	92.9	92.9	92.9	9 .0	93.1	93.1	93.5
≥ 500		3.0	66.3	78.3	82.9	84.2	91.	94.	95.1	95.5	95.5	95.5	95.6	95.7	95.7	96.1
≥ 400		3.3	66.7	78.6	83.2	84.5	91.7	95.1	96.3	96.8	96.8	96.8	96.9	97.	97.0	97.4
≥ 300		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.0	97.1	97.1	97.4	97.5	97.5	98.1
≥ 200		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	97.8	98.5	98.6	99.5
≥ 100		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	98.0	98.9	99.0	100.0
≥ 0		3.3	66.7	78.6	83.2	84.5	91.8	95.2	96.6	97.2	97.3	97.3	98.	98.9	99.	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



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

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K 4-8[illegible] MA[illegible]
STATION STATION NAME YEARS MONTH

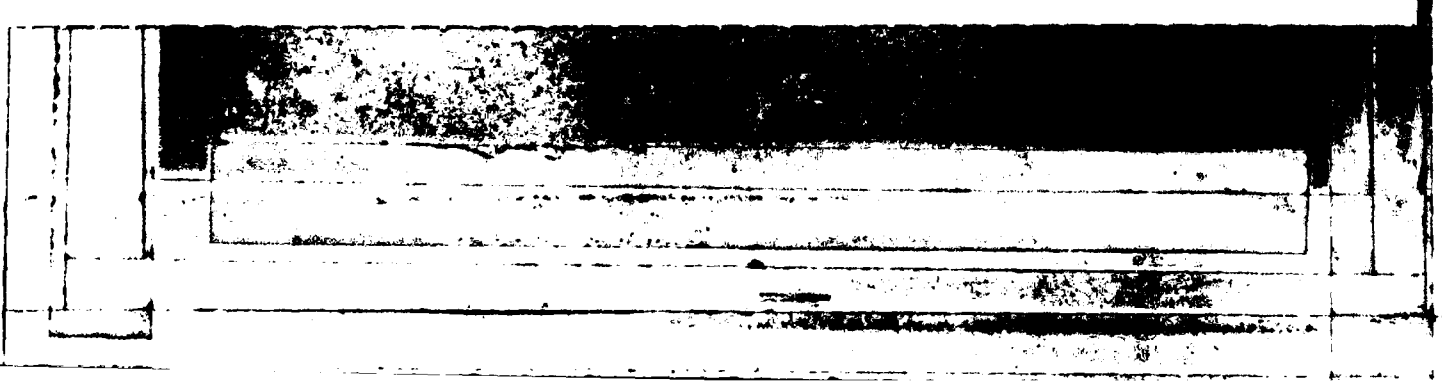
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1¼ GE2	≥1½ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE3	≥⅛ GE2	≥⅛ GE2	≥0 GE0
NO CEILING		.0	22.0	22.4	23.7	24.3	25.1	27.	27.3	27.5	27.5	27.5	27.5	27.6	27.6	27.7
≥ 20000		22.	24.3	27.0	28.7	29.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 18000		[illegible]	24.3	27.0	28.7	29.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 16000		22.	24.3	27.	28.7	9.2	31.0	32.4	32.[illegible]	33.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 14000		22.	24.3	27.	28.7	29.2	31.	32.4	32.[illegible]	[illegible]3.1	33.1	33.1	33.1	33.2	33.2	33.4
≥ 12000		2 .2	24.4	27.3	29.	29.6	31.3	32.7	33.2	33.4	33.4	33.4	33.4	[illegible]3.5	33.5	33.8
≥ 10000		24.	26.2	29.1	30.9	31.4	33.1	34.5	35.1	35.4	35.5	35.5	35.6	35.8	35.8	36.
≥ 9000		2 .4	26.7	30.3	31.9	32.5	34.3	35.7	36.2	36.6	36.7	36.7	36.8	37.	37.[illegible]	37.2
≥ 8000		2 .1	3 .1	34.6	36.7	37.3	39.2	40.[illegible]	41.3	41.6	41.7	41.7	41.8	42.0	42.[illegible]	42.3
≥ 7000		3 .3	31.	35.8	38.[illegible]	38.5	4 .8	42.3	42.[illegible]	4[illegible].1	43.2	43.2	43.3	43.5	43.5	43.8
≥ 6000		[illegible]0.4	32.	35.9	38.1	38.6	4 .9	42.4	42.[illegible]	43.2	43.3	43.3	43.4	43.7	43.7	43.9
≥ 5000		[illegible]1.9	33.1	37.1	39.3	39.8	42.	43.5	44.1	44.4	44.5	44.5	44.6	44.8	44.8	45.1
≥ 4500		34.	[illegible]5.	40.5	42.[illegible]	43.4	46.1	47.8	48.4	48.7	48.8	48.9	49.	49.4	49.4	49.6
≥ 4000		3 .7	4 .8	45.5	48.2	48.8	[illegible]1.[illegible]	53.7	54.2	54.6	54.7	54.8	54.9	55.3	55.3	55.5
≥ 3500		[illegible]1.1	43.1	48.1	5 .9	51.5	54.[illegible]	56.9	57.4	58.[illegible]	[illegible]8.1	58.2	58.3	58.6	58.6	58.8
≥ 3000		4.3	46.7	52.3	55.3	55.9	59.1	61.4	61.9	62.5	62.6	62.7	62.8	63.1	[illegible]3.1	63.3
≥ 2500		4 .0	49.8	55.8	58.8	59.5	62.8	55.1	65.6	66.1	66.2	66.3	66.5	66.8	66.8	67.[illegible]
≥ 2000		.4	54.5	61.6	65.3	66.0	69.6	71.9	72.5	73.0	73.1	73.2	73.3	73.7	73.7	73.9
≥ 1800		51.	55.1	62.3	65.9	66.7	70.2	[illegible]2.8	73.3	73.9	74.0	74.1	74.2	74.5	74.5	74.7
≥ 1500		3.4	57.	65.1	69.2	[illegible] .1	74.[illegible]	76.8	77.3	77.8	[illegible]8.2	78.3	78.5	78.8	78.8	79.0
≥ 1200		4.3	59.	66.5	7 .9	71.7	75.9	78.8	79.4	8 .0	80.3	[illegible]0.4	8[illegible].6	81.0	81.0	91.2
≥ 1000		54.	58.9	67.8	72.4	73.2	77.5	8 .4	81.	81.7	82.[illegible]	82.2	82.4	82.7	82.7	82.9
≥ 900		5.6	5 .7	[illegible]9.1	73.9	74.7	79.4	82.5	83.0	83.9	84.2	84.4	84.6	84.9	84.9	85.2
≥ 800		5 .1	6 .2	69.8	74.6	75.6	80.[illegible]	[illegible]3.9	84.4	85.6	85.9	86.1	86.3	86.7	86.7	86.9
≥ 700		5 .6	6 .6	70.3	75.4	76.3	81.9	85.7	86.[illegible]	87.7	88.2	88.4	88.6	88.9	88.9	89.1
≥ 600		5 .7	6 .8	70.5	75.7	76.8	82.[illegible]	87.1	87.7	89.4	89.8	9 .1	90.3	90.[illegible]	90.6	90.9
≥ 500		5 .7	60.8	71.2	76.3	77.4	83.9	88.7	89.6	92.[illegible]	92.5	92.9	93.1	93.4	93.4	93.7
≥ 400		6.	61.0	71.[illegible]	76.6	77.6	84.1	88.9	90.2	93.2	94.3	94.8	95.4	95.8	95.8	96.
≥ 300		56.	61.	71.4	76.6	77.6	84.1	89.0	90.6	93.9	95.2	95.7	96.5	97.2	97.3	97.6
≥ 200		56.[illegible]	61.	71.[illegible]	76.6	77.6	84.1	89.[illegible]	90.9	94.1	[illegible]5.4	96.0	96.9	98.1	98.2	99.0
≥ 100		56.	61.	71.[illegible]	76.6	77.6	84.1	89.	90.9	94.1	95.4	96.0	96.9	98.1	98.3	100.0
≥ 0		56.[illegible]	61.0	71.[illegible]	76.6	77.6	84.1	89.[illegible]	90.9	94.1	95.4	96.[illegible]	96.9	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K 4-[illegible] MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000- 1800
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (16)	≥9 GE9	≥5 GE8	≥4 GE7	≥3 GE48	≥2½ GE4	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥⅛ (2) GE05	≥0 (0) GE04	≥0 (0) GE	
NO CEILING		1 .5	13.7	21.	22.2	22.3	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000		2 .3	24.1	28.2	29.7	29.9	30.3	30.5	30.5	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 18000		2 .	24.1	29.3	29.9	30.1	30.5	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 16000		2 .3	24.1	29.3	29.9	30.1	30.5	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000		2 .4	24.2	28.4	3 .1	30.3	30.8	31.	31.	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000		2 .2	25.1	29.4	31.1	31.3	31.7	31.9	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 10000		2 .3	27.0	31.6	33.3	33.5	34.	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 9000		26.	7.7	32.4	34.1	34.3	34.7	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 8000		.1	31.3	36.1	38.	38.	38.7	39.0	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 7000		1.	32.2	37.1	38.9	39.2	39.7	4 .3	40.	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 6000		1.1	32.3	37.2	39.	39.4	39.8	4 .1	4 .1	4 .4	4 .4	4 .4	40.4	40.4	40.4	40.4	40.4
≥ 5000		1.4	32.6	37.5	39.4	39.7	4 .1	4 .4	4 .4	4 .8	4 .8	4 .8	40.8	40.8	4 .8	40.8	40.8
≥ 4500		3.	34.7	40.4	42.3	42.6	43.2	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 4000		3 .	38.7	45.6	47.7	48.1	49.0	49.8	49.8	50.2	50.2	5 .2	50.2	50.2	50.2	50.2	50.2
≥ 3500		3 .4	42.4	49.5	51.9	5 .3	53.3	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 3000		45.	47.8	55.3	57.7	58.1	59.2	6 .0	60.	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2500		4 .9	51.6	59.2	61.7	62.	63.2	64.	64.	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000		4.2	57.8	66.1	68.7	69.0	70.2	71.	71.	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800		4.	58.7	66.7	69.5	69.8	71.0	71.7	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1500		5 .4	61.4	7 .6	73.8	74.1	7 .5	76.6	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200		.1	64.1	73.8	77.1	77.5	79.9	81.	81.	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000		3 .3	65.1	75.5	79.1	79.7	82.2	83.5	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900		1.5	65.9	77.3	81.1	81.7	84.2	85.7	85.9	87.	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800		61.	66.4	78.3	82.7	83.4	86.3	88.3	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700		2.2	67.	78.9	83.5	84.3	87.4	89.6	90.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 600		2.7	67.6	79.8	84.6	85.4	88.9	91.2	91.7	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2
≥ 500		2.7	67.6	8 .2	85.1	85.9	9 .1	92.9	93.9	96.5	96.7	96.9	97.3	97.0	97.0	97.0	97.0
≥ 400		2.7	67.6	80.2	85.1	85.9	90.1	93.1	94.4	97.3	97.5	98.1	98.2	98.2	98.3	98.3	98.3
≥ 300		2.7	67.6	80.2	85.1	85.9	90.1	93.1	94.5	97.5	97.7	98.3	98.5	98.5	98.6	98.6	98.6
≥ 200		2.7	67.6	8 .2	85.1	85.9	90.2	93.2	94.6	97.6	97.8	98.4	98.6	98.8	98.9	99.1	99.1
≥ 100		2.7	67.6	8 .2	85.1	85.9	9 .2	93.2	94.6	97.6	97.8	98.4	98.6	98.9	99.0	100.0	100.0
≥ 0		2.7	67.6	8 .2	85.1	85.9	9 .2	93.2	94.6	97.6	97.8	98.4	98.6	98.9	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

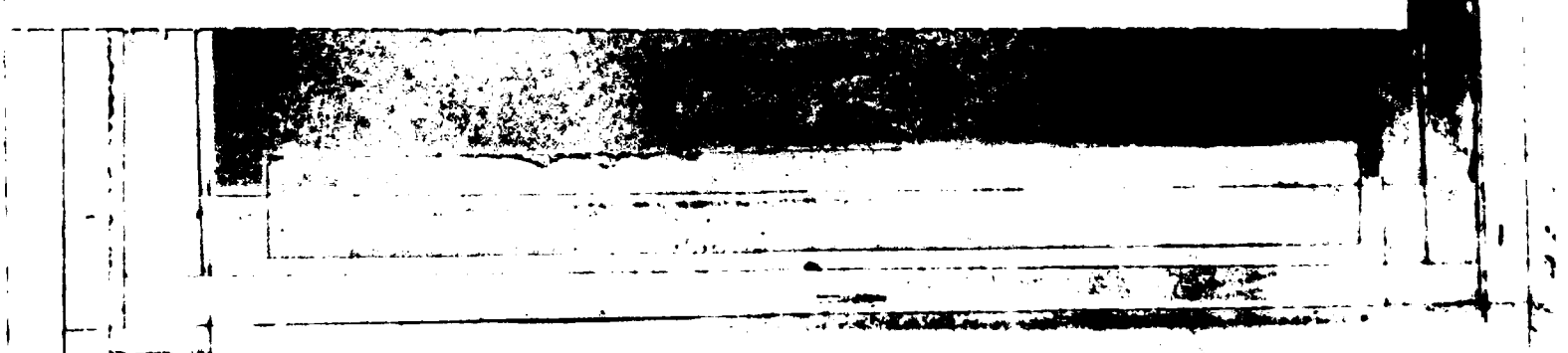
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 2-1200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6½	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE.8	≥7/16 GE.7	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING		1 .1	15.7	16.	16.6	16.6	16.9	17.	17.	17.	17.	17.	17.	17.	17.	1 .0
≥ 20000		22.0	23.3	23.7	24.2	24.3	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 18000		2.	23.9	23.9	24.4	24.5	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 6000		2.3	23.5	23.9	24.4	24.5	2 .3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 4000		22.	24.	24.3	24.8	24.9	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 3000		23.	24.8	25.2	25.7	25.8	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 10000		24.	26.2	26.7	27.2	27.3	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 9000		24.	26.2	2 .7	27.2	27.3	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 8000		3 .	29.2	31.1	31.5	30.6	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 7000		3 .4	3 .4	31.4	31.9	32.	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 6000		3 .4	30.6	31.4	31.9	32.	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 5000		.9	31.2	31.9	32.5	32.6	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 4500		2.4	33.7	34.5	35.1	35.2	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 4000		3 .7	4 .1	41.7	42.5	42.7	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 3500		4.2	45.7	47.5	48.3	48.5	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3000		4.5	56.2	58.5	59.4	59.6	6 .4	61.	61.	61.	61.	61.	61.	61.	61.	1.0
≥ 2500		5 .9	61.7	64.1	64.9	65.2	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000		6 .5	69.5	72.8	73.9	74.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
≥ 1800		6 .3	7 .2	73.5	74.6	74.8	7 .9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 1500		3.5	75.6	79.9	81.3	81.5	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1200		76.7	78.9	84.3	85.8	86.5	88.7	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 1000		77.1	79.4	84.9	86.5	87.1	89.6	9 .9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 900		7.7	80.1	8 .1	88.1	88.7	91.3	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 800		77.8	8 .2	86.8	88.8	89.6	92.3	94.5	94.9	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 700		7 .1	8 .4	87.0	89.4	90.1	93.0	95.5	95.9	96.6	96.8	96.9	96.8	96.8	96.9	96.9
≥ 600		7 .5	81.0	87.8	9 .6	91.4	94.5	97.1	97.5	98.2	98.5	98.6	98.6	98.7	98.8	98.8
≥ 500		7 .9	81.0	87.8	90.6	91.4	94.1	97.5	98.	98.6	98.9	99.	99.1	99.1	99.2	99.2
≥ 400		7 .5	81.0	87.8	90.6	91.4	94.1	97.5	98.0	98.8	99.1	99.2	99.2	99.5	99.6	99.6
≥ 300		7 .5	81.	87.8	90.6	91.4	94.1	97.5	98.0	98.8	99.1	99.4	99.4	99.8	99.9	99.9
≥ 200		7 .5	81.	87.8	90.6	91.4	94.1	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	99.9
≥ 100		7 .5	81.0	87.8	9 .6	91.4	94.1	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	100.0
≥ 0		7 .5	81.0	87.8	90.6	91.4	94.1	97.5	98.	98.8	99.1	99.4	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 372

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15'7' (illegible) ILDENHALL RAF (illegible) K — (illegible)-87 — MAR

STATION — STATION NAME — YEARS — MONTH

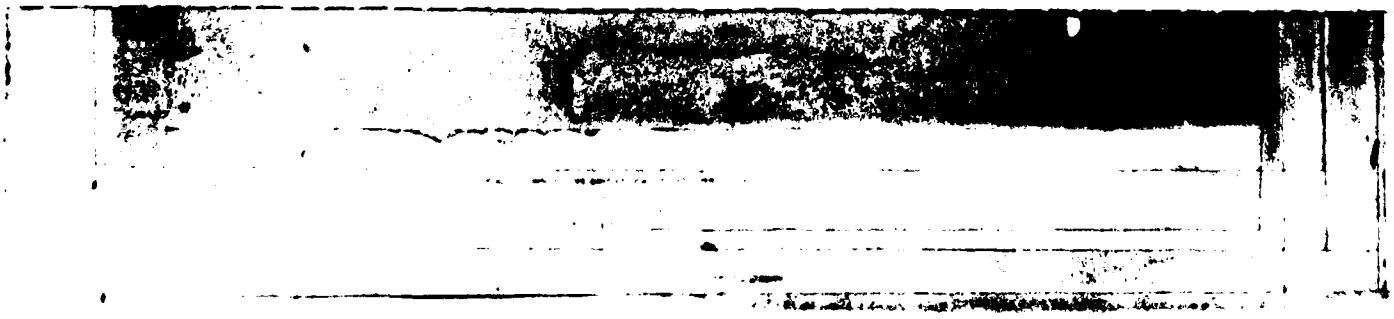
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-1700 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 GE11	≥6 GE9	≥5 GE9	≥4 GE6	≥3 GE48	≥2 GE43	≥1½ GE33	≥1¼ GE24	≥1 GE2	≥¾ GE16	≥½ GE11	≥¼ GE10	≥⅛ GE03	≥0 GE5	GE4	≥0 GE-
NO CEILING		20.7	20.5	21.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 20000		2 .1	26.6	27.5	28.7	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 18000		26.	27.2	2 .3	29.5	29.9	30.0	30.0	30.0	30.0	30.	30.0	30.0	30.0	30.0	30.0
≥ 6000		2 .1	27.5	29.6	29.8	29.8	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 14000		2 .2	27.6	28.7	29.9	29.9	3 .4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 12000		2 .3	28.4	29.5	3 .6	30.6	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 10000		30.3	30.	31.9	33.1	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000		30.	31.1	32.4	33.5	33.5	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 8000	34.5	34.	36.3	37.5	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 7000	3 .2	35.7	38.3	39.5	39.5	4 .0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000	3 .2	36.7	38.3	39.5	39.5	4 .0	40.0	40.0	40.0	40.0	40.0	40.0	4 .0	40.0	40.0	40.0
≥ 5000	3 .4	37.8	39.5	40.6	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 4500	1.2	41.	43.8	44.9	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 4000	4 .	48.8	52.2	53.5	53.	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500	53.	54.6	57.1	58.5	58.5	59.	59.	59.	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3000	.4	61.3	64.4	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	66.	67.8	71.6	73.5	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	.5	73.4	7.6	79.9	79.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	.2	74.1	78.4	8 .6	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	6.1	78.4	83.9	86.3	86.3	87.7	88.	88.	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	7.8	80.4	86.9	9 .1	90.3	91.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	7 .4	81.2	87.7	91.1	91.0	92.8	94.1	94.4	94.4	94.4	94.4	94.8	94.8	94.4	94.4	94.4
≥ 900	7 .9	81.9	88.5	91.9	91.9	93.8	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	7 .2	82.2	88.8	92.3	92.5	94.3	6.3	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	7 .2	82.2	88.9	92.5	92.7	94.5	96.6	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	99.	99.7	99.	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	99.	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	7 .5	82.6	89.4	93.1	93.5	95.7	97.8	99.	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27[illegible]

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



OL[illegible] AL CLIMATOLOGY BRANCH
[illegible] ETAC
A[illegible] EATHER SERVIC[illegible] MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | ELDENHALL RAF K STATION NAME | 4-87 YEARS | MAY MONTH

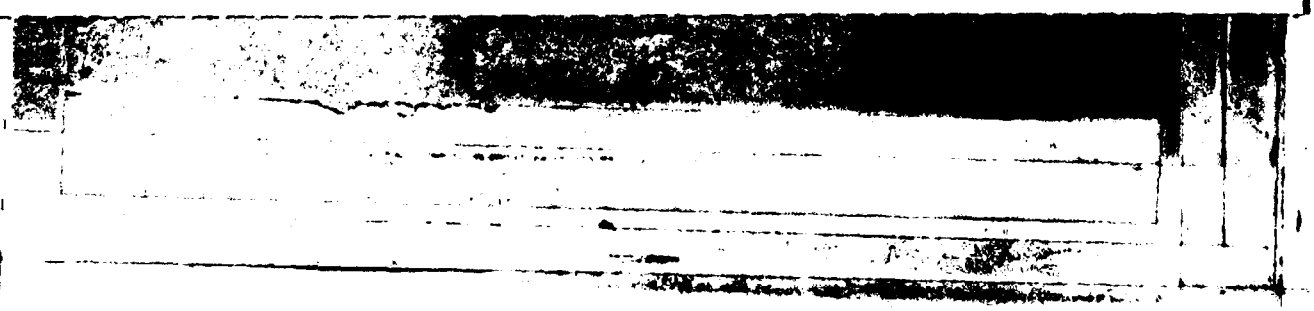
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6.4	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1 GE2	≥¾ GE1.6	≥½ GE1	≥¼ GE.8	≥⅛ GE.5	≥0 GE0
NO CEILING		2 .6	29.3	29.6	3 .7	30.1	31.1	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8
≥ 20000		32.1	33.2	35.2	35.6	35.7	36.9	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5
≥ 18000		3 .	35.4	35.4	35.8	35.9	37.0	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7
≥ 16000		33.1	35.	35.8	36.2	36.3	37.4	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 14000		33.1	33.	35.8	36.2	36.3	37.4	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 12000		33.	34.3	36.2	36.7	36.8	37.8	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 10000		3 .4	36.1	38.1	38.5	38.6	39.7	4 .3	4 .3	4 .3	4 .3	4 .4	4 .4	4 .4	4 .4	4 .4
≥ 9000		3 .1	37.7	3 .9	39.4	39.5	40.5	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
≥ 8000		41.	42.3	44.8	45.4	45.5	4 .6	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 7000		42.	43.9	45.9	46.5	46.6	47.6	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
≥ 6000		3.1	43.7	46.	46.6	46.7	47.7	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
≥ 5000		4.1	44.8	47.0	47.5	47.6	48.7	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
≥ 4500		4 .	50.7	52.5	53.2	53.3	54.4	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 4000		4.6	56.	58.9	59.7	59.8	61.0	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 3500		5 .4	61.2	64.7	65.5	65.6	66.8	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 3000		63.1	65.9	69.9	7 .9	71.1	72.3	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 2500		6.5	69.5	73.3	74.3	74.5	76.1	76.9	77.	77.0	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000		5 .0	71.5	7 .1	79.1	79.4	81.0	81.8	81.9	81.9	81.9	81.9	82.1	82.2	82.2	82.2
≥ 1800		5 .6	72.	78.8	8 .1	80.3	81.9	82.8	82.9	82.9	82.9	82.9	83.0	83.	83.0	83.0
≥ 1500		2.4	75.1	82.7	84.	84.2	85.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1200		4.0	77.1	85.7	87.4	87.6	9 .3	91.4	91.6	91.6	91.6	91.6	9 .7	91.7	91.7	91.7
≥ 1000		4.2	77.4	86.7	88.9	89.2	92.	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 900		4.1	77.5	7.0	89.5	89.8	92.1	94.4	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800		4.5	77.8	87.4	9 .1	90.3	93.4	5.4	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 700		4.7	78.1	87.8	9 .4	90.8	94.1	96.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600		4.7	78.1	88.2	91.	91.4	95.2	97.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500		4.7	78.1	88.2	91.0	91.4	95.3	97.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400		4.7	7 .1	88.2	91.0	91.4	95.3	97.5	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300		4.7	78.1	88.2	91.0	91.4	95.3	97.5	99.0	99.6	99.8	99.9	100.0	100.	100.0	100.0
≥ 200		4.7	78.1	88.2	91.	91.4	95.3	97.5	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100		4.7	78.1	88.2	91.	91.4	95.3	97.5	99.	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0		4.7	78.1	88.2	91.0	91.4	95.3	97.5	99.	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



GL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 — WILDENHALL RAF K — 4-87 — MAR
STATION — STATION NAME — YEARS — MONTH

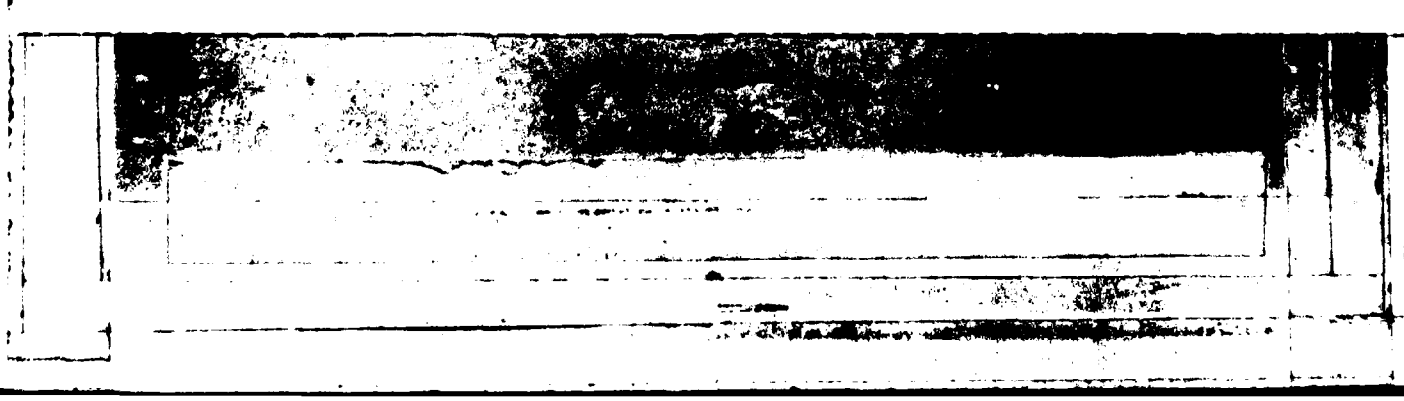
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥9 (14)	≥5 (8)	≥4 (6)	≥3 (4.8)	≥2 (4)	≥1 (3.2)	≥1/2 (2.4)	≥1/4 (2)	≥1/16 (1.6)	≥1 (1.6)	≥1/8 (1.0)	≥1/2 (0.8)	≥3/16 (0.5)	≥1/4 (0.4)	≥0 (0.0)
NO CEILING		32.2	33.1	35.5	36.1	36.1	37.6	38.	38.	38.1	38.1	38.2	38.2	38.2	38.2	38.2
≥ 20000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.	42.0	42.0	42.0	42.0
≥ 18000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.	42.0	42.0	42.0	42.0
≥ 16000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0
≥ 14000		34.	36.2	39.2	39.9	39.9	41.5	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0
≥ 12000		34.1	36.3	39.5	40.1	40.1	41.7	42.	42.	42.2	42.2	42.3	42.3	42.3	42.3	42.3
≥ 10000		35.7	37.2	40.4	41.1	41.1	42.7	43.	43.	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 9000		35.5	37.8	41.1	41.7	41.7	43.3	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9
≥ 8000		41.0	43.	46.2	46.9	46.9	48.5	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.	49.0
≥ 7000		42.4	43.3	47.	47.6	47.6	49.2	49.6	49.6	49.7	49.	49.8	49.8	49.8	49.8	49.8
≥ 6000		42.4	43.3	47.	47.6	47.6	49.2	49.6	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8
≥ 5000		44.1	46.4	48.6	49.2	49.2	50.7	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4
≥ 4500		48.4	49.7	52.0	52.8	52.8	54.4	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4
≥ 4000		51.3	53.1	56.6	57.7	57.7	59.4	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5
≥ 3500		55.1	58.2	62.3	63.4	63.4	65.1	66.	66.	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 3000		55.7	61.9	66.8	68.2	68.2	69.8	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3
≥ 2500		63.2	65.5	71.4	72.9	72.9	74.6	75.9	75.9	76.	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000		65.	68.8	75.6	77.1	77.1	78.8	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
≥ 1800		66.7	69.6	76.3	77.8	77.8	79.5	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2
≥ 1500		66.2	72.3	79.8	81.4	81.4	83.5	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1
≥ 1200		70.8	74.2	82.6	84.2	84.2	86.5	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 1000		71.8	75.3	84.5	86.5	86.5	89.	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 900		72.0	75.5	85.5	87.5	87.6	90.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 800		72.5	76.7	86.7	89.0	89.4	92.4	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1
≥ 700		72.8	77.2	87.4	89.9	90.4	93.5	96.1	96.	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 600		72.8	77.2	87.5	90.2	90.8	93.9	96.5	96.8	97.	97.0	97.1	97.1	97.1	97.1	97.1
≥ 500		72.9	77.4	87.8	90.5	91.1	94.3	96.9	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 400		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 300		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8
≥ 100		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	100.0
≥ 0		72.9	77.4	87.8	90.5	91.1	94.3	97.1	98.2	99.2	99.5	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



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

CEILING VERSUS VISIBILITY

[illegible]5771 (STATION) ILDENHALL RAF K (STATION NAME) 4-8[illegible] (YEARS) MA[illegible] (MONTH)

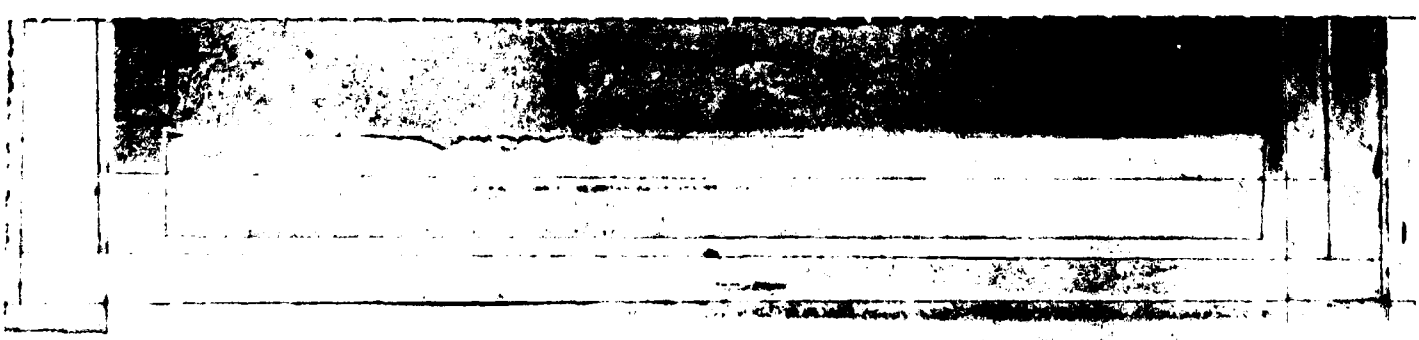
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]HH (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
	16	10	GE8	GE6	GE4	GE40	GE32	GE24	GE20	GE16	GE12	GE8	GE5	GE4	GE0
NO CEILING	[illegible].1	25.	27.[illegible]	27.[illegible]	28.[illegible]	[illegible].9	29.6	2[illegible].7	29.7	29.7	29.7	29.8	29.8	29.8	29.9
≥ 20000	[illegible].2	29.3	31.[illegible]	32.9	33.	34.1	34.9	35.	35.1	[illegible]5.1	35.1	35.2	35.2	35.2	35.3
≥ 18000	[illegible].3	29.4	32.	33.1	[illegible]3.2	34.3	35.1	35.2	35.3	35.[illegible]	35.3	35.4	35.4	[illegible]5.4	35.5
≥ 16000	[illegible].4	29.5	32.1	33.2	[illegible]3.3	34.4	35.2	35.3	35.4	35.4	35.4	35.5	35.5	35.5	35.6
≥ 14000	[illegible].5	29.	32.2	33.3	[illegible]3.4	34.5	35.3	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.7
≥ 12000	[illegible].	3[illegible].1	32.7	33.8	[illegible]3.9	3[illegible].0	35.8	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.2
≥ 10000	[illegible].3	31.5	34.3	35.3	35.5	36.6	37.4	37.5	37.6	37.	37.7	37.7	37.8	37.8	37.9
≥ 9000	30.[illegible]	32.1	34.9	36.	[illegible]6.2	37.3	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.6
≥ 8000	34.	35.[illegible]	39.0	40.1	40.3	41.5	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.8
≥ 7000	35.	[illegible]7.1	40.2	41.3	41.5	42.7	43.5	43.6	43.8	43.8	43.8	43.9	43.9	43.9	44.
≥ 6000	[illegible].	37.[illegible]	4[illegible].3	41.5	41.6	42.8	43.6	43.[illegible]	43.9	43.9	43.9	44.0	44.0	44.[illegible]	44.1
≥ 5000	[illegible].	38.5	41.6	42.8	42.9	44.1	44.9	45.	45.2	45.2	45.2	45.3	45.3	45.3	45.4
≥ 4500	4[illegible].[illegible]	42.	45.5	46.7	46.9	48.2	49.1	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.6
≥ 4000	4 .6	47.2	51.2	52.[illegible]	[illegible]3.0	54.4	55.5	55.6	55.8	55.8	55.8	55.9	55.9	55.9	56.[illegible]
≥ 3500	4 .5	51.2	5.6	57.3	57.5	59.0	60.1	60.2	60.4	6 .4	6[illegible].5	6[illegible].5	60.6	6[illegible].6	6[illegible].7
≥ 3000	4.4	56.4	61.3	63.1	[illegible]3.4	6 .0	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.7
≥ 2500	5 .	6[illegible].1	65.7	67.6	67.9	69.6	7 .8	71.	71.2	71.2	71.2	71.3	71.3	71.3	71.5
≥ 2000	[illegible].3	64.9	71.4	73.5	73.8	75.[illegible]	76.9	77.1	77.3	77.4	77.4	77.4	77.5	77.5	77.6
≥ 1800	3.[illegible]	65.6	72.2	74.3	74.6	76.5	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 1500	6.1	69.[illegible]	6.5	78.9	79.2	81.[illegible]	82.8	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.6
≥ 1200	6 .8	7 .9	79.1	81.7	[illegible].1	84.8	[illegible]6.4	86.6	86.9	86.9	87.0	87.0	87.1	87.1	87.2
≥ 1000	6 .5	71.7	8 .3	83.1	[illegible]3.6	86.5	88.3	88.6	89.0	89.0	8[illegible].0	89.1	89.2	89.2	89.3
≥ 900	6 .9	7[illegible].3	81.[illegible]	84.[illegible]	[illegible]4.9	87.[illegible]	89.9	9 .3	90.8	9[illegible].8	9[illegible].9	9[illegible].0	91.0	91.0	91.2
≥ 800	6 .3	72.8	82.1	85.4	[illegible]5.9	89.1	91.5	92.1	92.6	92.6	92.7	92.8	92.8	92.8	93.
≥ 700	6 .5	7[illegible].1	[illegible]2.5	86.0	[illegible]6.6	90.2	92.8	93.4	94.0	94.1	94.2	94.3	94.3	94.3	94.5
≥ 600	5 .6	73.3	82.9	86.6	87.3	91.3	[illegible]4.0	94.7	95.5	95.6	95.7	95.8	95.8	95.9	96.[illegible]
≥ 500	6 .7	73.[illegible]	83.[illegible]	87.2	[illegible]7.9	92.2	95.2	96.1	97.0	97.2	97.3	97.[illegible]	97.5	97.5	97.6
≥ 400	5 .8	73.[illegible]	83.[illegible]	87.2	88.	92.3	95.[illegible]	96.5	97.6	97.9	98.1	98.2	98.3	99.[illegible]	98.5
≥ 300	6[illegible].8	73.[illegible]	83.[illegible]	87.2	[illegible]8.0	92.3	95.[illegible]	96.6	97.9	98.2	98.[illegible]	98.6	98.8	98.8	99.[illegible]
≥ 200	5 .8	73.[illegible]	83.[illegible]	87.2	98.0	92.3	95.5	96.7	98.[illegible]	98.4	98.6	98.8	99.2	99.3	99.6
≥ 100	6 .8	7[illegible].[illegible]	83.[illegible]	87.2	[illegible]8.0	92.3	[illegible]5.5	96.7	98.0	98.[illegible]	98.6	98.9	99.3	99.[illegible]	1[illegible].0
≥ 0	6[illegible].8	73.[illegible]	83.[illegible]	87.2	88.	92.3	95.5	96.7	98.0	9[illegible].[illegible]	98.6	98.9	99.3	99.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]799[illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 ILOENHALL RAF (K) STATION / STATION NAME | 74-83 YEARS | APR MONTH

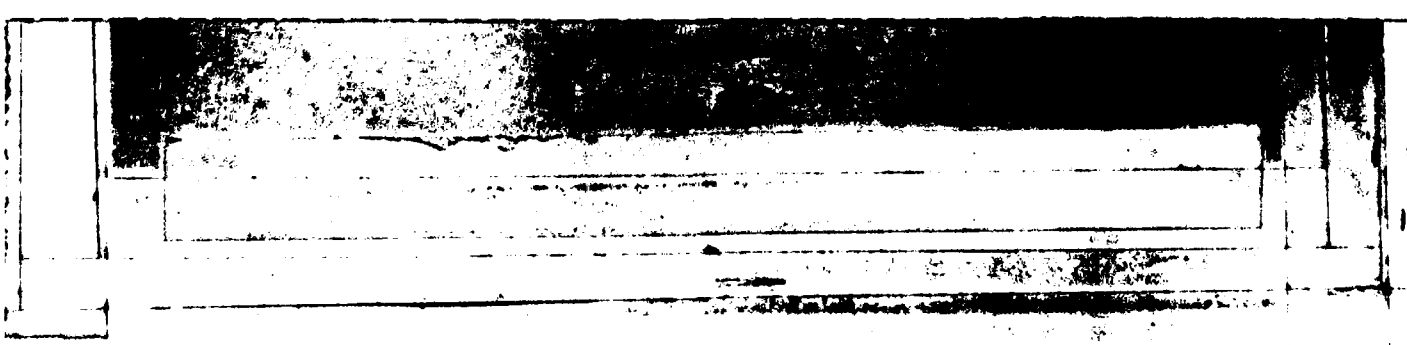
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-2400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6.4	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.10	≥⅜ GE.03	≥5/16 GE.05	≥¼ GE.04	≥0 GE 0
NO CEILING		32.1	33.7	37.3	38.7	38.2	40.0	40.2	40.3	40.4	40.4	40.6	40.6	40.6	40.9	41.2
≥ 20000		3 .3	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 18000		3 .3	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 16000		3 .3	38.1	42.2	43.0	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 14000		3 .3	38.1	42.2	43.	43.2	45.1	45.3	45.6	45.7	45.	45.8	45.8	45.8	46.1	46.4
≥ 12000		3 .3	38.1	42.2	43.	43.2	45.1	45.3	45.6	45.7	45.7	45.8	45.8	45.8	46.1	46.4
≥ 10000		3 .1	38.9	43.1	43.9	44.1	46.1	46.3	46.6	46.7	46.7	46.8	46.8	46.8	47.1	47.4
≥ 9000		3 .1	39.8	44.0	44.8	45.0	47.0	47.2	47.4	47.6	47.6	47.7	47.7	47.7	48.	48.3
≥ 8000		41.1	43.2	48.4	49.3	49.6	51.6	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.6	52.9
≥ 7000		42.6	44.7	49.9	5 .8	51.7	53.1	53.3	53.6	53.7	53.7	53.8	53.8	53.8	54.1	54.4
≥ 6000		42.6	44.7	5 .1	51.7	51.2	53.3	53.6	53.8	53.9	53.9	54.	54.0	54.0	54.3	54.7
≥ 5000		4.0	46.2	52.2	53.3	53.6	55.7	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.7	57.
≥ 4500		4 .2	49.7	57.1	58.3	58.6	60.7	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.7	62.
≥ 4000		2.3	55.2	63.3	64.9	65.2	67.4	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.6	68.9
≥ 3500		5.2	58.2	66.7	68.2	68.6	71.	71.2	71.4	71.6	71.	71.7	71.7	71.7	72.0	72.3
≥ 3000		5 .6	61.	69.8	71.3	71.7	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.2	75.6
≥ 2500		7 .4	62.9	72.1	73.7	74.0	76.8	77.	77.2	77.3	77.4	77.6	77.6	77.6	77.9	78.2
≥ 2000		4.1	67.	77.2	79.1	79.4	82.2	82.4	82.7	82.8	82.9	83.	83.0	83.0	83.3	83.7
≥ 1800		4.7	68.1	77.8	79.7	80.0	82.7	83.0	83.2	83.3	83.4	83.6	83.6	83.6	83.9	84.2
≥ 1500		6 .6	71.2	81.3	83.2	83.6	86.3	86.6	86.8	86.9	87.0	87.1	87.1	87.1	87.4	87.8
≥ 1200		6 .8	72.9	83.7	85.7	86.	88.8	89.	89.2	89.3	89.4	89.6	89.6	89.6	89.9	90.2
≥ 1000		6 .4	73.3	84.6	86.6	86.9	89.7	89.9	9 .1	90.2	90.3	9 .4	9 .4	90.4	91.8	91.1
≥ 900		10.2	74.1	85.7	87.7	88.1	90.9	91.2	91.4	91.6	91.7	91.8	91.8	91.8	92.1	92.4
≥ 800		7 .8	75.7	86.9	88.9	89.3	92.2	2.6	92.8	92.9	93.0	93.1	93.1	93.1	93.4	93.8
≥ 700		7 .9	75.3	87.8	9 .7	90.4	93.3	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.6	94.9
≥ 600		11.2	75.8	88.2	9 .4	90.9	93.8	94.2	94.4	94.6	94.7	94.9	94.9	94.9	95.2	95.6
≥ 500		11.4	76.2	88.9	91.2	91.7	94.6	95.2	95.4	95.6	95.7	95.9	95.9	95.9	96.2	96.6
≥ 400		11.4	76.2	89.0	91.7	92.1	95.7	96.4	96.7	96.8	96.9	97.1	97.1	97.1	97.4	97.8
≥ 300		11.4	76.2	89.	91.7	92.2	95.8	97.2	97.6	97.7	97.8	98.0	98.0	98.0	98.3	98.7
≥ 200		11.4	76.2	89.	91.7	92.2	95.8	97.3	97.7	97.9	98.1	98.3	98.3	98.7	99.0	99.6
≥ 100		11.4	76.2	89.	91.7	92.2	95.8	97.3	97.7	97.9	98.2	98.4	98.6	98.9	99.4	100.0
≥ 0		11.4	76.2	89.0	91.7	92.2	95.9	97.3	97.7	97.9	98.2	98.4	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75171 | ILDENHALL RAF K | 4-87 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2300 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR KILOMETERS / METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (GE6)	≥3 (GE4.8)	≥2½ (GE4)	≥2 (GE3.2)	≥1¾ (GE2.8)	≥1½ (GE2.4)	≥1¼ (GE2)	≥1 (GE1.6)	≥¾ (GE1.2)	≥⅝ (GE1.0)	≥½ (GE0.8)	≥⅜ (GE0.6)	≥¼ (GE0.4)	≥0 (GE0.0)
NO CEILING		25.	25.3	30.2	31.3	31.4	33.1	33.4	33.	34.3	34.3	34.3	34.6	34.7	34.7	35.	35.6
≥ 20000		28.	28.9	33.8	35.1	35.2	37.0	37.4	37.9	38.4	38.4	38.4	38.7	38.9	38.9	39.8	
≥ 18000		28.	29.0	34.0	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.	39.2	39.2	40.1	
≥ 16000		28.	29.	34.0	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.0	39.2	39.2	40.2	
≥ 14000		28.	29.	34.0	35.3	35.4	37.2	37.7	38.1	38.8	38.8	38.8	39.0	39.2	39.2	40.1	
≥ 12000		28.	29.0	34.	35.3	35.4	37.4	37.9	38.3	39.	39.3	39.0	39.2	39.4	39.4	40.3	
≥ 10000		28.	29.3	34.4	35.8	35.9	37.9	38.3	38.8	39.4	39.4	39.4	39.7	39.9	39.9	40.8	
≥ 9000		28.	29.9	35.0	36.3	36.4	38.4	38.9	39.3	40.0	40.	40.0	40.2	40.4	40.4	41.3	
≥ 8000		29.	30.9	36.8	40.	40.4	42.4	42.9	43.3	44.0	44.0	44.0	44.2	44.4	44.4	45.3	
≥ 7000		31.1	33.4	39.6	41.1	41.2	43.2	43.7	44.1	44.8	44.8	44.8	45.0	45.2	45.2	46.1	
≥ 6000		31.4	33.	40.1	41.7	41.9	43.9	44.3	44.8	45.4	45.4	45.4	45.7	45.9	45.9	46.8	
≥ 5000		32.	35.1	41.6	43.1	43.3	45.1	46.1	46.7	47.4	47.4	47.4	47.7	47.9	47.9	48.8	
≥ 4500		34.	37.7	44.	46.6	46.8	49.1	49.6	50.1	50.9	50.9	50.9	51.1	51.3	51.3	52.2	
≥ 4000		34.2	44.4	52.2	54.3	54.6	57.3	57.8	58.6	59.3	59.3	59.3	59.6	59.8	59.9	60.8	
≥ 3500		43.	47.3	55.8	57.9	58.1	61.4	61.9	62.7	63.4	63.4	63.4	63.7	63.9	64.0	64.9	
≥ 3000		44.2	50.9	60.0	62.2	62.4	66.3	66.9	67.7	68.6	68.6	68.6	68.8	69.0	69.1	70.1	
≥ 2500		51.4	55.1	64.2	66.8	67.0	70.9	71.6	72.3	73.2	73.2	73.2	73.6	73.8	73.9	74.9	
≥ 2000		55.4	58.1	67.7	71.8	72.0	76.1	76.8	77.7	78.6	78.6	78.6	78.9	79.1	79.2	80.2	
≥ 1800		56.	59.7	69.6	72.7	72.9	77.0	77.7	78.6	79.4	79.4	79.4	79.8	80.0	80.1	81.1	
≥ 1500		58.6	63.3	73.9	77.1	77.3	81.4	82.1	83.1	83.9	83.9	83.9	84.2	84.4	84.6	85.6	
≥ 1200		60.2	64.3	75.3	78.6	78.8	83.1	83.8	84.7	85.6	85.6	85.6	85.9	86.1	86.2	87.2	
≥ 1000		60.3	64.9	76.1	79.3	79.6	84.	84.7	85.6	86.4	86.4	86.4	86.8	87.	87.1	88.1	
≥ 900		61.2	65.6	76.9	80.1	80.3	84.8	85.4	86.3	87.2	87.2	87.2	87.6	87.8	87.9	88.9	
≥ 800		61.6	66.	77.6	81.8	81.0	85.6	86.6	87.4	88.3	88.3	88.3	88.7	88.9	89.1	90.0	
≥ 700		61.7	66.1	77.8	81.	81.2	85.9	87.	87.9	88.8	88.8	88.8	89.1	89.3	89.4	90.4	
≥ 600		62.4	66.9	78.9	82.3	82.6	87.9	89.1	90.1	90.9	90.9	91.0	91.3	91.6	91.7	92.7	
≥ 500		62.4	66.9	79.2	83.1	83.3	88.9	90.1	91.1	91.9	91.9	92.1	92.3	92.7	92.8	93.8	
≥ 400		62.4	67.0	80.1	84.3	84.6	90.1	91.7	92.6	93.4	93.4	93.6	93.9	94.2	94.3	95.3	
≥ 300		62.4	67.	80.1	84.3	84.6	90.2	92.7	94.1	95.1	95.1	95.2	95.7	96.1	96.2	97.2	
≥ 200		62.4	67.	80.1	84.4	84.7	90.3	92.8	94.4	95.6	95.6	95.8	96.4	97.2	97.3	99.0	
≥ 100		62.4	67.0	80.1	84.4	84.7	90.3	92.8	94.4	95.6	95.6	95.8	96.6	97.6	98.1	100.0	
≥ 0		62.4	67.0	80.1	84.4	84.7	90.3	92.8	94.4	95.6	95.6	95.8	96.6	97.6	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5'7' (STATION) ILDENHALL RAF K (STATION NAME) .4-6' (YEARS) Apr (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

30-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥⅞ GE1	≥¾ GE1.0	≥⅝ GE0.8	≥½ GE0.5	≥⅜ GE0.4	≥0 GE0.0
NO CEILING		1 .6	1 .9	23.3	24.6	24.6	27.	28.	28.6	28.8	29.1	29.1	29.2	29.3	29.4	29.6
≥ 20000		23.0	23.	28.6	30.2	30.2	33.0	34.2	34.8	35.	35.3	35.3	35.4	35.6	35.7	35.8
≥ 18000		2 .	24.1	28.9	30.6	30.6	33.3	34.6	35.1	35.3	35.7	35.7	35.8	35.9	36.	36.1
≥ 16000		2 .3	24.1	28.9	3 .6	30.6	33.3	34.6	35.1	35.3	35.7	35.7	35.8	35.9	36.	36.1
≥ 14000		2 .3	24.1	28.9	3 .6	30.6	33.3	34.6	35.	35.3	35.7	35.7	35.8	35.9	36.0	36.1
≥ 12000		23.	24.3	29.1	3 .8	30.8	33.6	34.9	35.4	35.7	36.	36.	36.	36.2	36.3	36.4
≥ 10000		24.	25.7	30.7	32.3	32.3	35.1	36.4	37.	37.2	37.6	37.6	37.7	37.8	37.9	38.
≥ 9000		2 .4	26.	31.8	33.4	33.4	36.2	37.7	38.2	38.4	38.8	38.8	38.9	39.	39.1	39.2
≥ 8000		2 .1	27.3	34.1	35.2	35.9	39.1	40.7	41.2	41.6	41.9	41.9	42.0	42.1	42.2	42.3
≥ 7000		2 .1	29.3	35.3	37.2	37.2	4 .4	42.	42.6	4 .9	43.2	43.2	43.3	43.4	43.6	43.7
≥ 6000		2 .7	3 .0	36.1	38.	38.1	41.8	43.3	43.9	44.2	44.6	44.6	44.7	44.8	44.9	45.
≥ 5000		30.	32.4	38.7	40.7	40.8	44.4	46.7	47.2	47.7	48.	48.1	48.2	48.3	43.4	48.6
≥ 4500		34.	36.8	43.8	45.9	46.1	50.0	52.2	52.8	53.4	53.8	53.9	54.	54.1	54.2	54.3
≥ 4000		2 .4	4 .3	48.9	51.3	51.7	55.7	57.9	58.4	59.2	59.7	59.8	59.9	60.0	60.1	60.2
≥ 3500		42.2	45.	53.2	56.	56.6	6 .6	63.	63.6	64.4	65.1	65.2	65.3	65.4	65.6	65.7
≥ 3000		4 .0	48.1	57.	59.9	60.6	64.8	67.4	68.2	69.3	7 .0	70.1	7 .2	70.3	70.4	70.6
≥ 2500		4 .8	51.1	60.1	63.1	63.9	68.1	7 .8	71.6	72.7	73.3	73.4	73.6	73.7	73.8	73.9
≥ 2000		51.	55.6	64.7	67.8	68.4	72.8	75.4	76.3	77.4	78.1	78.2	78.3	78.4	78.6	78.7
≥ 1800		2.2	55.9	65.2	68.	69.0	73.3	76.0	76.9	78.0	78.7	78.8	78.9	79.	79.1	79.2
≥ 1500		5.6	57.4	69.2	72.3	73.	77.3	80.0	80.9	82.0	82.7	82.9	83.0	83.1	83.2	83.3
≥ 1200		56.	6 .8	70.9	74.1	74.8	79.3	82.2	83.2	84.4	85.1	85.3	85.4	85.6	85.7	85.9
≥ 1000		5 .8	61.7	72.0	75.2	75.9	8 .6	83.6	84.6	85.8	86.4	86.7	86.8	86.9	87.	87.1
≥ 900		5 .1	62.2	73.1	76.3	77.1	81.6	84.8	85.8	87.	87.7	87.9	88.0	88.1	88.2	88.3
≥ 800		5 .4	62.7	74.2	77.4	78.2	83.2	86.3	87.3	88.6	89.2	89.4	89.6	89.7	89.8	89.9
≥ 700		5 .7	63.	74.9	78.1	78.9	83.9	87.6	88.6	89.8	90.4	90.7	90.8	90.9	91.0	91.1
≥ 600		5 .8	63.1	75.2	78.4	79.3	84.7	88.6	89.7	9 .9	91.6	91.8	91.9	92.0	92.1	92.2
≥ 500		5 .8	63.2	75.7	79.0	79.9	85.4	89.9	91.1	92.8	93.4	93.7	93.8	93.9	94.	94.1
≥ 400		5 .8	63.2	75.8	79.2	80.1	85.7	90.6	92.0	94.1	94.8	95.	95.1	95.3	95.4	95.6
≥ 300		5 .8	63.2	75.8	79.2	80.1	85.7	90.9	92.7	95.3	96.1	96.4	96.6	96.8	96.9	97.
≥ 200		5 .8	63.2	75.8	79.2	8 .1	85.7	9 .9	92.7	95.4	96.2	96.8	97.1	97.8	98.	99.2
≥ 100		5 .8	63.2	75.8	79.2	8 .1	85.7	9 .9	92.7	95.4	96.2	96.8	97.1	97.8	98.4	100.0
≥ 0		5 .8	63.2	75.8	79.2	8 .1	85.7	9 .9	92.7	95.4	96.2	96.8	97.1	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 | ILDENHALL RAF K | 4-87 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000 - 1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1½	≥¾ GE1	≥½ GE1	≥⅜ GE¾	≥5/16 GE½	≥¼ GE⅜	≥0 GE0
NO CEILING		2 .0	23.3	26.6	27.4	27.6	27.8	28.1	28.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000		2 .6	28.3	32.0	32.9	33.0	33.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 18000		2 .6	28.3	32.1	33.0	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 16000		2 .6	28.3	32.1	33.	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 14000		2 .6	28.3	32.1	33.	33.1	33.3	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000		2 .7	28.4	32.2	33.1	33.2	33.4	33.8	34.	34.3	34.3	34.0	34.1	34.0	34.0	34.1
≥ 10000		.2	30.1	34.0	35.0	35.1	35.3	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 9000		.	30.2	34.1	35.1	35.2	35.4	35.8	36.0	36.0	36.	36.3	36.3	36.3	36.3	36.3
≥ 8000		1.	32.1	36.3	37.3	37.4	38.0	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 7000		2.3	33.4	37.7	38.7	38.8	39.3	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 6000		32.	33.8	38.	39.1	39.2	39.9	4 .2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 5000		33.	34.8	39.4	41.1	41.1	42.	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500		3 .1	36.2	41.0	42.6	42.7	43.9	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 4000		3 .4	41.3	46.3	48.1	48.2	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 3500		4 .1	47.1	52.6	54.4	54.6	55.8	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3000		5.2	57.6	63.1	65.1	65.2	66.4	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500		2.1	64.7	70.2	72.2	72.3	73.6	74.	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2000		6 .8	71.4	77.1	79.2	79.3	80.7	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800		6 .3	72.	77.9	80.1	80.1	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500		8.2	76.	82.7	85.1	85.2	86.9	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200		9.	78.1	85.6	87.9	88.1	89.8	9 .2	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8
≥ 1000		10.3	79.3	87.0	89.4	89.7	91.4	91.9	92.2	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 900		10.6	7 .6	87.6	90.1	90.3	92.1	92.7	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 800		10.7	79.7	87.8	90.1	90.1	92.4	93.1	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 700		10.8	79.9	88.4	91.2	91.4	93.4	94.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 600		11.0	8 .1	88.9	91.8	92.1	94.2	95.1	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 500		11.1	80.1	88.9	91.8	92.0	94.6	95.8	96.7	97.1	97.1	97.1	97.2	97.3	97.3	97.3
≥ 400		11.1	80.2	89.0	91.9	92.1	94.7	96.3	97.2	98.1	98.2	98.2	98.3	98.6	98.6	98.6
≥ 300		11.	80.2	89.0	91.9	92.1	94.7	96.4	97.3	98.4	98.6	98.8	98.9	99.2	99.2	99.2
≥ 200		11.	80.2	89.0	91.9	92.1	94.7	96.4	97.4	98.8	98.7	99.3	99.4	99.8	99.8	99.9
≥ 100		11.1	80.2	89.	91.9	92.1	94.7	96.4	97.4	98.8	98.9	99.3	99.4	99.8	99.9	100.0
≥ 0		11.1	80.2	89.0	91.9	92.1	94.7	96.4	97.4	98.8	98.9	99.3	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (5[illegible]7) STATION — [illegible]ILDENHALL RAF [illegible]K STATION NAME — 74-8[illegible] YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 0-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (16)	≥6 GE9 1	≥5 GE8	≥4 GE6 1	≥3 GE4 8	≥2 GE4	≥1 7/8 GE3 2	≥1 1/4 GE2 4	≥1 GE2	≥7/8 GE1 16	≥3/4 GE1	≥5/8 GE1 0	≥1/2 GE0 8	≥5/16 GE0 5	≥1/4 GE0 4	≥0 GE[illegible]
NO CEILING		1.0	21.6	22.8	23.1	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000		2 .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 18000		2 .8	28.3	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 16000		2 .8	28.3	29.6	3 .	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 14000		2 .8	28.3	29.6	3 .0	30.0	30.2	30.4	3 .4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 12000		2 .8	28.3	29.6	3 .0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000		2 .9	30.4	31.7	32.1	32.1	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 9000		30.	31.1	32.3	32.8	32.8	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 8000		32.	33.1	34.4	34.9	34.9	3 .1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 7000		3.	33.	35.1	35.7	35.7	35.9	36.2	36.2	36.2	3 .2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 6000		3.3	34.1	35.4	36.	36.0	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 5000		3 .2	36.0	37.8	38.3	38.3	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 4500		3 .1	39.8	40.7	41.2	41.2	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 4000		4 .6	46.4	48.9	49.4	49.	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500		4.4	55.4	59.2	58.8	58.8	59.	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3000		6 .6	70.8	73.9	74.4	74.4	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500		74.7	76.1	79.3	79.9	79.9	8 .1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 2000		7 .1	81.7	85.6	86.1	86.1	86.6	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800		1.2	82.9	86.8	87.3	87.3	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500		3.7	85.6	9 .2	90.9	90.9	91.3	92.	92.	92.	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200		5.9	87.8	93.1	94.	94.0	94.8	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		6.2	88.3	93.9	94.8	94.8	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900		6.	88.3	94.0	94.9	94.9	96.1	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800		6.2	88.4	94.6	95.6	95.6	96.9	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.	98.	98.0
≥ 700		6.2	88.4	94.8	95.8	95.9	97.1	98.6	98.7	98.8	98.8	98.8	9 .8	98.8	98.8	98.8	98.8
≥ 600		6.2	88.4	94.9	95.9	96.	97.8	98.9	99.	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		6.4	88.7	95.1	96.1	96.3	98.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	10 .0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0
≥ 200		6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		6.4	88.7	95.1	96.1	96.3	98.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5577 ILDENHALL RAF K — 4-83 — SEP
STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1	≥⅜ GE.8	≥5/16 GE.5	≥¼ GE.4	≥0 GE0
NO CEILING		23.	23.6	24.7	25.	25.1	25.1	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000		32.4	33.7	34.1	34.8	34.8	34.9	35.	35.	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 18000		32.	33.9	34.3	35.0	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000		32.	33.9	34.3	35.	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 14000		32.	32.9	34.3	35.	35.1	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000		32.	33.1	34.6	35.2	35.2	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 10000		33.0	35.2	36.9	37.6	37.6	37.7	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 9000		35.	36.9	37.6	38.2	38.2	38.3	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 8000		36.4	39.7	41.6	42.2	42.2	42.3	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000		37.9	41.1	42.0	42.7	42.7	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 6000		41.1	43.3	44.2	44.9	44.9	45.	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 5000		42.1	43.0	44.9	45.7	45.7	45.8	45.9	45.9	46.	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500		44.1	48.4	51.9	52.7	52.7	52.8	52.9	52.9	53.0	53.	53.0	53.0	53.0	53.0	53.
≥ 4000		55.7	59.1	61.7	62.4	62.4	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.	63.0	63.0
≥ 3500		64.	65.4	69.7	69.4	69.4	69.7	70.	70.	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3000		76.7	77.4	81.7	81.4	81.4	81.7	82.	82.	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500		79.1	80.1	83.9	84.8	84.8	85.	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000		79.1	84.2	88.3	89.3	89.3	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800		83.4	84.7	88.9	89.9	89.9	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500		85.8	87.	91.8	92.8	92.8	93.1	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		86.9	88.2	93.2	94.4	94.4	95.2	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		87.6	89.0	94.2	95.4	95.6	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900		87.7	89.1	94.4	95.7	95.8	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		87.7	89.1	95.1	96.4	96.6	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		87.7	89.1	95.1	96.4	96.6	97.7	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		87.7	89.1	95.1	96.4	96.7	98.	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.8	89.2	95.3	96.7	96.9	98.2	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 | ILDENHALL RAF K | 4-8? | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS METERS)															
	≥10	≥9 GE9 1/16	≥5 GE8	≥4 GE5	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1¾ GE2	≥1½ GE1¾	≥1¼ GE1½	≥1 GE1¼	≥¾ GE1	≥½ GE¾	≥⅜ GE½	≥5/16 GE⅜	≥¼ GE5/16	≥0 GE¼
NO CEILING		33.	34.4	35.4	36.	36.1	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000		42.	43.7	45.6	46.2	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000		4 .1	43.9	45.8	46.4	46.4	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000		42.	43.9	45.8	46.4	46.4	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000		43.1	44.1	46.	46.7	46.7	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000		43.1	44.1	46.	46.7	46.7	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000		44.2	45.2	47.2	47.9	47.9	48.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000		44.1	4 .8	47.9	48.6	48.6	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000		4 .6	49.6	52.1	53.1	53.1	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 7000		4 .2	5 .2	52.9	53.8	53.8	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000		4 .3	50.3	53.	53.9	53.9	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000		1.1	52.2	55.0	55.9	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500		5 .1	63.6	62.9	62.8	62.8	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000		4.	65.4	69.1	7 .1	70.1	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500		6 .8	69.2	73.7	74.7	74.7	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000		4.3	75.9	9 .4	81.4	81.4	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.8	82.9	82.8
≥ 2500		6.3	77.9	83.0	84.1	84.1	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000		7 .9	81.1	87.0	88.1	88.1	89.0	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		.0	81.8	87.1	88.1	88.1	89.1	91.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500		1.4	83.2	88.8	89.8	89.8	9 .9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200		2.4	84.4	9 .9	92.2	92.2	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000		3.4	85.6	92.2	93.7	93.8	95.1	95.9	96.	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3
≥ 900		3.4	85.7	92.3	93.9	94.0	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		3.9	86.1	92.9	94.7	94.7	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		3.9	86.1	93.	95.1	95.2	96.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		4.2	86.4	93.4	95.7	95.9	97.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		4.2	86.4	93.4	95.7	95.9	97.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		4.	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	10 .0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	10 .0	100.0	100.0
≥ 100		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		4.2	86.4	93.4	95.7	95.9	97.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GL AL CLIMATOLOGY BRANCH
ET C
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 7 ILDENHALL RAF K 4-6 APR
STATION STATION NAME YEARS MONTH

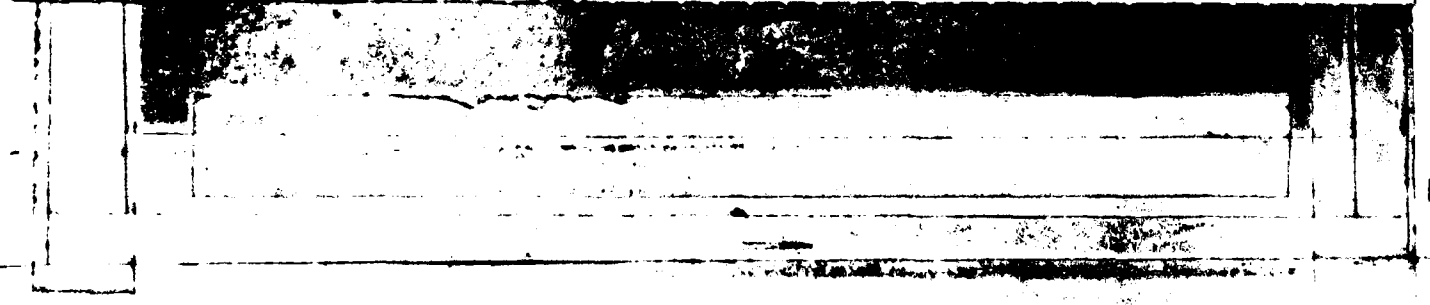
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1.0-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.9	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.10	≥⅜ GE.08	≥5/16 GE.5	≥¼ GE.04	≥0 GE.0
NO CEILING		3 .0	38.4	41.8	42.4	42.7	43.1	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.7	43.7
≥ 20000		3.0	44.4	47.6	48.2	48.4	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4
≥ 18000		3.0	44.4	47.6	48.2	48.4	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4
≥ 16000		3.	44.4	47.6	48.2	48.	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4
≥ 14000		3.2	44.7	47.8	48.4	48.7	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.7	49.7
≥ 12000		3.2	44.7	47.8	48.4	48.7	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.7	49.7
≥ 10000		43.7	45.2	48.7	49.3	49.6	50.	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.6	50.6
≥ 9000		4.4	4 .8	49.3	50.0	50.2	50.7	50.9	51.3	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 8000		4 .1	49.6	53.9	54.7	54.9	5 .3	55.6	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9
≥ 7000		4 .6	5 .1	54.3	55.1	55.3	55.8	56.	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 6000		4 .6	50.0	54.3	55.1	55.3	55.8	56.	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 5000		1.1	52.9	57.4	58.6	58.8	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 4500		5.1	7.0	62.4	63.7	63.9	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9
≥ 4000		.6	62.8	68.3	69.7	69.9	70.3	70.6	70.7	70.8	70.8	70.8	70.8	70.8	7 .9	70.9
≥ 3500		4.7	67.4	73.3	74.7	74.9	75.3	75.6	75.7	75.8	75.	75.8	75.8	75.8	75.9	75.9
≥ 3000		6 .6	70.3	76.9	78.3	78.6	79.	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 2500		5 .8	72.6	79.2	80.8	81.0	81.6	82.	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 2000		3.	76.3	83.6	85.1	85.3	86.1	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.	87.
≥ 1800		3.6	76.6	83.8	85.3	85.6	86.3	86.	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2
≥ 1500		4.9	78.	85.3	87.	87.2	88.	88.4	88.6	88.7	88.8	8 .8	88.8	88.8	88.9	88.9
≥ 1200		5.4	79.6	86.1	87.9	88.1	88.9	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1000		.3	80.6	89.3	91.1	91.6	92.3	92.8	92.9	93.	93.1	93.1	93.1	93.1	93.2	93.2
≥ 900		7.8	81.2	90.2	92.1	92.6	93.3	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3
≥ 800		7 .8	82.3	91.4	93.8	94.3	95.3	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 700		7 .9	82.4	91.8	94.2	94.8	95.8	96.6	96.7	96.8	96.9	96.9	96.9	96.9	97.	97.0
≥ 600		7 .0	82.6	92.1	94.6	95.1	96.2	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 500		7 .0	82.7	92.2	94.8	95.3	96.4	97.8	97.9	98.	98.1	98.1	98.1	98.1	98.2	98.2
≥ 400		7 .	82.7	92.3	95.0	95.6	96.9	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300		7 .	82.8	92.4	95.1	95.7	97.0	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200		7 .	82.8	92.4	95.1	95.7	97.	98.8	99.7	99.8	99.9	9 .9	99.9	99.9	100.0	100.0
≥ 100		7 .0	82.8	92.4	95.1	95.7	97.	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0		7 .0	82.8	92.4	95.1	95.7	97.	98.8	99.7	99.8	99.9	99.9	99.9	99.9	1 0.0	100.0

TOTAL NUMBER OF OBSERVATIONS 230

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



...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15 7... ILDENHALL RAF K 4-6... APR
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 <15	≥6 9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE3	≥2 GE2½	≥1½ GE2	≥1¼ GE1½	≥1 GE1¼	≥¾ GE1	≥½ GE¾	≥¼ GE½	≥5/16 GE¼	≥0 GE0
NO CEILING		26.	27.7	3 .3	31.0	31.1	31.9	32.3	32.4	32.6	32.6	32.6	32.7	32.7	32.8	32.9
≥ 20000		32.	33.5	36.7	37.6	37.6	38.6	39.	39.2	39.3	39.4	39.4	39.4	39.5	39.5	39.7
≥ 18000		32.	33.6	36.8	37.7	37.8	38.8	39.1	39.3	39.5	39.5	39.5	39.6	39.6	39.7	39.9
≥ 16000		32.	33.6	36.8	37.7	37.8	38.8	39.1	39.3	39.5	39.5	39.5	39.6	39.6	39.7	39.9
≥ 14000		32.	33.7	36.9	37.8	37.8	38.8	39.2	39.4	39.5	39.6	39.6	39.6	39.7	39.8	39.9
≥ 12000		32.	33.8	36.9	37.9	37.9	38.9	39.3	39.5	39.7	39.7	39.7	39.8	39.8	39.9	4 .0
≥ 10000		33.3	35.	38.3	39.2	39.3	4 .3	4 .7	4 .9	4 .1	41.1	41.1	41.2	41.2	41.3	41.5
≥ 9000		3 .5	35.6	39.	39.9	4 .0	41.3	41.4	41.6	41.8	41.8	41.8	41.9	41.9	42.0	42.1
≥ 8000		3 .3	39.6	42.5	43.5	43.5	44.7	45.1	45.3	45.4	45.5	45.5	45.5	45.6	45.7	45.8
≥ 7000		3 .1	40.4	43.3	44.4	44.5	45.6	46.0	46.2	46.4	46.4	46.5	46.5	46.5	46.6	46.8
≥ 6000		3 .3	39.6	43.7	44.7	44.9	4 .0	46.5	46.7	46.8	46.9	46.9	46.9	47.0	47.1	47.2
≥ 5000		.2	41.6	45.9	47.1	47.2	48.5	49.	49.2	49.4	49.4	49.5	49.5	49.6	49.6	49.8
≥ 4500		43.	45.5	5 .5	51.7	51.9	53.2	53.7	53.9	54.2	54.2	54.2	54.3	54.3	54.4	54.6
≥ 4000		.0	52.0	57.3	59.9	58.9	60.4	61.	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.9
≥ 3500		54.	56.9	2.3	64.3	64.4	66.0	66.6	66.9	67.2	67.2	67.3	67.3	67.3	67.4	67.6
≥ 3000		1.6	64.	70.2	71.8	72.0	73.	74.4	74.7	75.0	75.1	75.1	75.1	75.2	75.3	75.4
≥ 2500		5.1	67.6	73.	75.7	75.8	77.6	78.3	78.6	78.9	79.0	7 .0	79.1	79.1	79.2	79.4
≥ 2000		5 .6	72.2	79.	81.8	81.7	82.9	83.7	84.	84.3	84.4	84.4	84.5	84.5	84.6	84.8
≥ 1800		6.1	72.7	79.6	81.4	81.6	83.5	84.3	84.6	84.9	85.	85.1	85.1	85.2	85.2	85.4
≥ 1500		.7	75.5	2.9	84.8	85.0	86.9	87.7	88.0	88.4	88.5	88.5	88.6	88.6	88.7	88.9
≥ 1200		4.	76.3	84.8	86.8	87.1	89.2	90.0	90.3	90.7	90.8	90.8	90.9	90.9	91.0	91.2
≥ 1000		4.3	77.8	86.2	88.2	88.5	9 .7	91.5	9 .9	92.2	92.3	92.4	92.4	92.5	92.6	92.8
≥ 900		5.2	78.2	86.8	88.8	89.1	91.4	92.3	92.6	93.	93.1	93.1	93.2	93.3	93.3	93.5
≥ 800		5.5	79.7	87.6	89.8	90.1	92.4	93.4	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.7
≥ 700		5.6	78.8	87.9	90.2	90.6	93.0	94.3	94.7	95.0	95.1	95.2	95.2	95.3	95.4	95.6
≥ 600		5.8	79.1	88.3	9 .7	91.1	93.7	5.2	95.6	96.0	96.2	96.2	96.3	96.3	96.4	96.6
≥ 500		75.3	79.2	88.6	91.1	91.4	94.3	95.9	96.4	96.9	97.0	97.1	97.1	97.2	97.3	97.5
≥ 400		75.3	79.2	88.8	91.3	91.7	94.6	96.5	97.1	97.7	97.8	97.9	98.0	98.1	98.1	98.3
≥ 300		75.3	79.2	88.8	91.3	91.7	94.7	96.8	97.6	98.3	98.4	98.5	98.6	98.8	98.8	99.0
≥ 200		75.3	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.3	99.7
≥ 100		75.3	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.5	100.0
≥ 0		75.3	79.2	88.8	91.3	91.7	94.7	96.8	97.7	98.4	98.6	98.8	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

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

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K — 4-8[illegible] — MAY

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

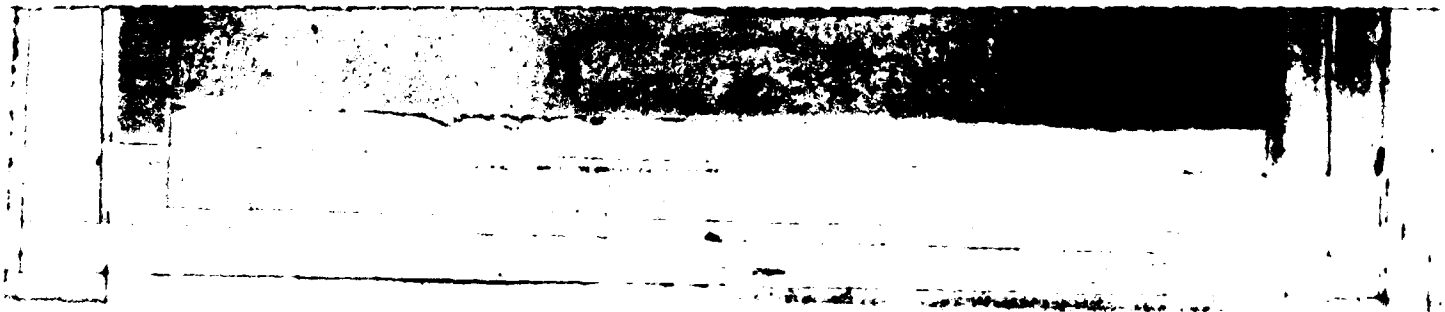
00-[illegible]00

HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR [illegible] METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4½	≥2½ GE4	≥2 GE3½	≥1¾ GE3	≥1½ GE2½	≥1 GE1⅝	≥⅞ GE1	≥¾ GE⅞	≥½ GE¾	≥5/16 GE⅜	≥0 GE¼	≥0 GE[illegible]
NO CEILING		4 .3	47.1	50.1	51.1	51.5	52.3	52.7	52.7	52.9	52.9	53.	53.1	53.4	53.4	53.4
≥ 20000		4 .1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 18000		4 .	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 16000		4 .1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 14000		4 .1	51.2	54.7	55.7	56.1	56.9	57.3	57.3	57.5	57.5	57.6	57.7	58.1	58.1	58.1
≥ 12000		4 .4	51.4	54.9	55.9	56.3	57.1	57.5	57.5	57.7	57.7	57.8	58.0	58.3	58.3	58.3
≥ 11000		5.1	52.2	55.9	56.9	57.3	58.1	58.5	58.5	58.7	58.7	58.8	58.9	59.3	59.2	59.2
≥ 9000		5.3	52.4	56.1	57.1	57.5	58.3	58.7	58.7	58.9	58.9	59.	59.1	59.5	59.5	59.5
≥ 8000		4.2	56.6	6 .9	61.9	62.4	63.1	63.5	63.5	63.8	63.8	63.9	64.0	64.3	64.3	64.3
≥ 7000		5.1	57.3	62.	63.4	63.9	64.6	65.1	65.1	65.3	65.3	65.4	65.5	65.8	65.8	65.8
≥ 6000		5.2	57.4	62.2	63.5	64.	64.7	65.2	65.2	65.4	65.4	65.5	65.6	65.	65.9	65.9
≥ 5000		5 .8	60.1	65.1	66.5	66.9	67.6	68.1	68.1	68.3	68.3	68.4	68.5	68.8	68.8	68.8
≥ 4500		[illegible].1	63.9	69.8	70.2	70.6	71.5	71.9	71.9	72.2	72.2	72.3	72.4	72.7	72.7	72.7
≥ 4000		5.4	68.4	73.8	75.5	7 .9	76.9	77.3	77.3	77.5	77.5	77.6	77.7	78.1	78.1	78.1
≥ 3500		6 .	7[illegible].1	75.5	77.2	77.6	78.6	79.	79.1	79.2	7[illegible].2	79.4	79.5	79.9	79.9	79.9
≥ 3000		[illegible].1	74.3	8 .2	8[illegible].	82.5	83.5	84.	84.	84.2	84.2	84.3	8[illegible].4	84.8	84.8	84.8
≥ 2500		1.8	75.1	81.2	83.[illegible]	83.4	84.5	85.1	85.3	85.5	85.5	85.6	85.7	86.1	86.1	86.1
≥ 2000		4.3	[illegible]7.6	84.0	85.8	86.2	87.4	88.0	88.2	88.4	88.4	88.5	88.6	89.[illegible]	89.[illegible]	89.[illegible]
≥ 1800		4.5	77.8	84.2	86.[illegible]	8 .5	87.6	88.2	88.4	88.6	88.6	88.7	88.8	89.2	89.2	89.2
≥ 1500		5.5	78.8	85.7	87.5	88.	89.1	89.9	90.1	90.3	[illegible]0.3	90.4	90.5	91.[illegible]	91.[illegible]	91.[illegible]
≥ 1200		6.6	79.9	87.2	89.	89.5	9 .6	91.4	91.6	91.8	91.8	9 .9	92.0	92.5	92.5	92.5
≥ 1000		7.1	80.4	87.7	89.6	90.	91.2	92.3	92.5	92.7	92.7	92.8	92.9	93.3	93.3	93.3
≥ 900		7.1	[illegible]0.4	87.7	89.6	90.[illegible]	91.2	92.3	92.5	92.7	92.7	92.8	92.9	93.3	93.3	93.3
≥ 800		7.3	8 .9	88.7	90.6	[illegible]1.1	92.3	93.3	93.5	93.8	93.8	93.9	94.0	94.4	94.4	94.4
≥ 700		7.4	81.1	89.	91.[illegible]	[illegible]1.9	92.7	93.9	94.1	94.3	94.3	94.4	94.5	94.9	94.9	94.9
≥ 600		7.5	81.2	89.4	91.5	92.	93.3	94.5	94.7	94.9	94.9	95.	95.2	95.6	95.6	95.6
≥ 500		7.6	81.3	89.9	92.2	92.7	94.5	96.1	96.5	96.8	96.8	96.9	97.	97.4	97.4	97.4
≥ 400		7.6	81.3	89.9	92.2	92.7	94.7	96.	96.9	97.2	97.2	97.3	97.4	97.8	97.8	97.8
≥ 300		7.6	81.3	89.9	92.2	92.7	94.9	96.9	97.4	98.0	98.0	98.1	98.3	98.7	98.7	98.7
≥ 200		7.6	81.3	89.9	92.2	92.7	94.9	97.	98.0	98.7	[illegible]8.7	98.8	99.2	99.7	99.7	99.7
≥ 100		7.6	81.3	89.9	92.2	92.7	94.9	97.1	98.	98.7	98.8	98.9	99.3	100.0	100.0	100.0
≥ 0		7.6	81.3	89.9	92.2	92.7	94.9	97.1	98.	98.7	98.8	98.9	99.2	0.0	[illegible]0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 93

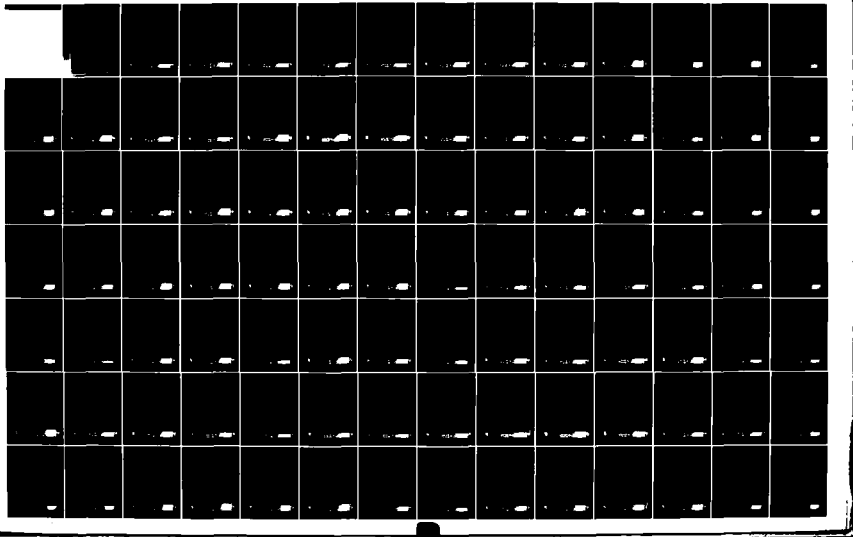
USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

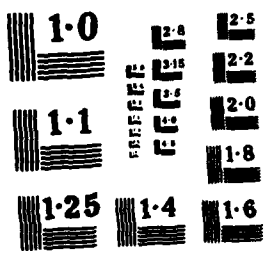


AD A146 915 MILDENHALL RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 84

3/5

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




1·0
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CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57[illegible] | [illegible]ILDENHALL RAF K | [illegible]4-6[illegible] | MAY
STATION | STATION NAME | YEARS | MONTH

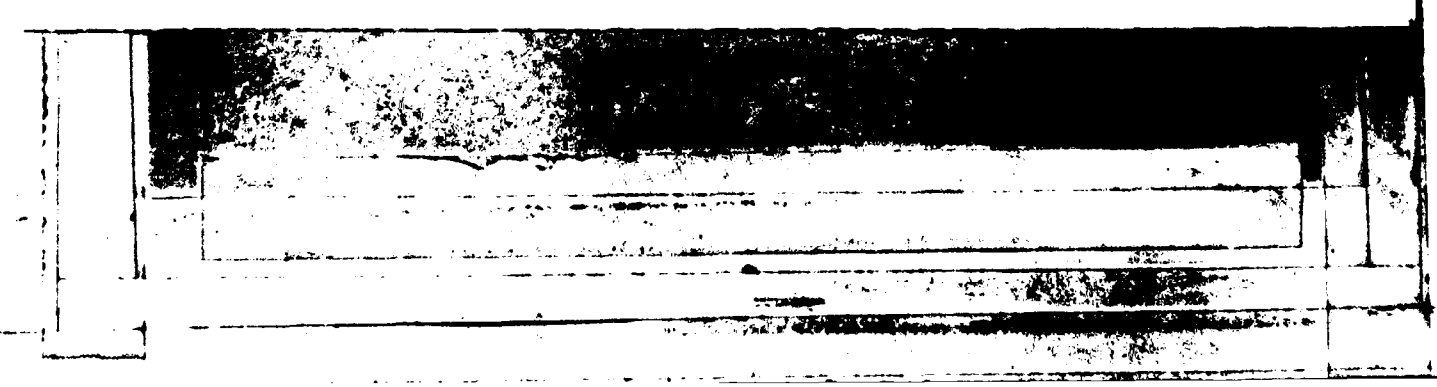
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE[illegible]
NO CEILING		2.2	34.[illegible]	38.5	39.9	39.9	41.[illegible]	42.5	42.9	43.7	43.8	43.8	44.[illegible]	44.6	44.7	45.1
≥ 20000		3 .1	37.2	43.1	44.6	44.5	46.7	47.2	47.6	48.4	48.5	48.5	48.7	49.4	49.5	49.8
≥ 18000		3 .0	[illegible]9.2	43.1	44.6	44.6	46.7	47.2	47.6	48.4	48.5	48.5	48.7	49.4	49.5	49.8
≥ 16000		3 .	37.2	43.1	44.6	44.5	4 .7	47.2	47.6	48.4	48.5	48.5	48.7	49.4	49.5	49.8
≥ 14000		3 .3	39.6	43.4	44.9	44.9	47.	47.5	48.	48.7	48.[illegible]	48.8	49.[illegible]	49.7	49.8	50.1
≥ 12000		3 .3	39.6	43.4	44.[illegible]	44.9	47.	47.5	48.	48.7	48.8	48.8	49.[illegible]	49.7	49.[illegible]	50.1
≥ 10000		3 .3	40.5	44.7	46.2	46.2	48.8	49.	49.5	50.2	50.3	50.3	50.5	51.2	51.3	51.6
≥ 9000		3 .4	40.8	44.9	46.5	46.5	48.6	49.2	49.7	50.4	50.5	5 .5	50.8	51.4	51.5	51.8
≥ 8000		41.	4[illegible].2	5 .2	52.[illegible]	[illegible]2.0	54.4	55.2	55.6	56.3	56.5	56.5	56.7	57.3	57.4	57.7
≥ 7000		[illegible]2.3	45.6	51.2	53.1	[illegible]3.1	55.[illegible]	56.2	56.7	57.5	57.	57.6	58.0	58.6	58.7	59.[illegible]
≥ 6000		42.[illegible]	45.[illegible]	51.5	53.4	[illegible]3.4	55.8	56.6	57.	57.8	58.	58.[illegible]	58.3	58.9	59.0	59.5
≥ 5000		4 .3	48.7	54.7	56.8	56.8	59.[illegible]	6 .2	6[illegible].6	61.7	61.9	61.9	62.3	62.[illegible]	63.	63.4
≥ 4500		4 .1	51.5	5[illegible].1	60.1	[illegible]0.2	63.0	63.8	64.2	65.3	65.5	65.5	65.8	66.5	66.6	67.[illegible]
≥ 4000		53.	57.5	65.5	67.6	67.7	70.9	[illegible]1.7	72.2	73.3	73.5	73.5	73.9	74.5	74.6	75.1
≥ 3500		54.	58.[illegible]	66.9	69.2	69.4	72.6	73.4	73.9	75.1	7[illegible].3	75.3	75.6	76.2	76.3	76.8
≥ 3000		5 .4	61.4	7 .2	72.7	72.8	76.2	77.1	77.6	78.8	79.	79.[illegible]	79.4	80.0	80.1	[illegible]0.5
≥ 2500		5[illegible].5	62.5	71.4	73.9	74.0	77.4	78.3	79.	80.2	8[illegible].4	8[illegible].4	8[illegible].8	81.4	81.5	81.9
≥ 2000		0.1	[illegible]4.1	73.4	75.9	76.[illegible]	79.6	[illegible]0.4	81.3	82.5	82.7	82.7	83.[illegible]	83.7	83.8	84.2
≥ 1800		.5	64.5	73.9	76.3	7[illegible].5	80.0	80.9	81.7	82.9	83.1	83.1	83.4	84.1	84.2	84.6
≥ 1500		2.2	66.5	76.9	79.4	79.5	83.	84.[illegible]	84.8	8[illegible].0	86.2	86.2	86.6	87.2	87.3	87.7
≥ 1200		3.1	67.7	78.6	81.1	81.2	85.1	86.1	87.	88.2	88.4	88.4	88.7	89.4	89.[illegible]	89.9
≥ 1000		4.3	69.[illegible]	80.0	82.5	[illegible]2.6	86.5	87.5	88.4	89.7	89.9	89.9	9 .2	9[illegible].9	91.[illegible]	91.4
≥ 900		4.5	6[illegible].2	80.5	83.0	[illegible]3.1	87.0	88.3	89.2	9 .5	9[illegible].8	9[illegible].8	91.1	91.7	91.8	92.3
≥ 800		5.1	69.8	81.3	83.9	84.0	[illegible]8.0	89.2	90.2	91.5	91.7	91.7	92.0	92.7	92.8	93.2
≥ 700		5.2	7 .[illegible]	81.7	84.5	[illegible]4.6	88.6	9 .	91.0	92.3	92.5	92.5	92.8	93.4	93.5	[illegible]4.[illegible]
≥ 600		5.2	7 .3	81.8	84.8	84.9	89.2	9 .6	91.6	93.[illegible]	93.2	93.2	9 .5	94.2	[illegible]4.3	94.7
≥ 500		5.2	70.[illegible]	81.9	84.9	85.1	89.9	[illegible]1.3	92.3	93.7	93.9	93.9	94.2	94.8	94.9	95.4
≥ 400		.2	70.0	82.0	85.4	85.5	90.4	92.6	93.7	95.1	95.3	95.3	95.6	96.2	96.3	96.8
≥ 300		5.2	7 .0	82.2	85.6	[illegible]5.7	90.8	[illegible]3.8	94.9	96.7	96.9	96.9	97.2	97.8	98.	98.4
≥ 200		5.2	7 .[illegible]	82.2	85.6	[illegible]5.7	9 .9	94.[illegible]	95.4	97.5	[illegible]7.7	97.7	98.2	99.[illegible]	99.1	99.6
≥ 100		[illegible].2	7 .0	82.2	85.6	[illegible]5.7	9 .9	94.1	95.4	[illegible]7.5	97.8	97.8	98.3	99.1	99.2	99.7
≥ 0		[illegible]3.2	70.0	82.2	85.6	[illegible]5.7	9 .9	94.1	95.4	97.5	97.8	97.8	98.3	99.1	99.2	[illegible]0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]93[illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75771 — STATION
ILDENHALL RAF K — STATION NAME
4-87 — YEARS
MAY — MONTH

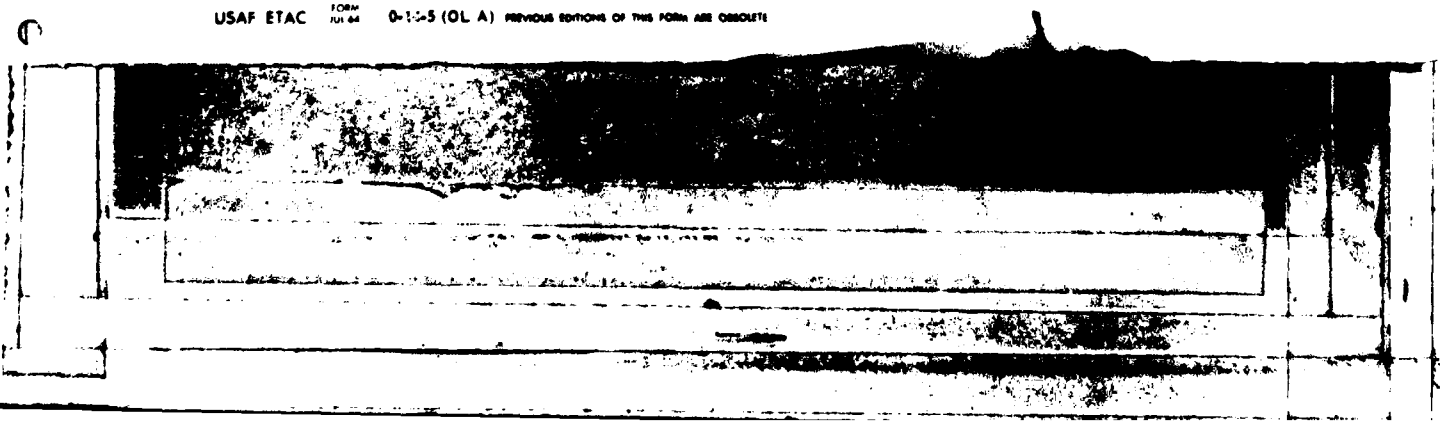
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2800 — HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		29.3	29.4	32.9	34.2	34.3	35.2	35.6	35.7	36.1	36.2	36.3	36.3	36.3	36.3	36.8
≥ 20000		31.1	34.4	38.4	39.8	39.9	40.8	41.3	41.4	41.8	41.9	42.0	42.0	42.0	42.0	42.5
≥ 18000		31.1	34.5	38.5	39.9	40.0	40.9	41.4	41.5	41.9	42.0	42.2	42.2	42.2	42.2	42.6
≥ 16000		31.1	34.5	38.5	39.9	40.0	40.9	41.4	41.5	41.9	42.0	42.2	42.2	42.2	42.2	42.6
≥ 14000		32.2	35.1	39.1	40.4	40.5	41.4	41.9	42.0	42.5	42.6	42.7	42.7	42.7	42.7	43.1
≥ 12000		32.4	35.3	39.2	40.6	40.8	41.6	42.2	42.3	42.7	42.8	42.9	42.9	42.9	42.9	43.3
≥ 10000		33.1	36.7	41.0	42.5	42.7	43.7	44.2	44.3	44.7	44.8	44.9	44.9	44.9	44.9	45.4
≥ 9000		33.2	38.3	42.9	44.4	44.6	45.6	46.1	46.2	46.7	46.8	46.9	46.9	46.9	46.9	47.3
≥ 8000		33.7	43.0	47.8	50.5	50.8	51.9	52.5	52.7	53.1	53.2	53.3	53.3	53.3	53.3	53.8
≥ 7000		1.0	44.3	51.1	51.9	52.0	53.2	53.8	54.1	54.5	54.6	54.7	54.7	54.7	54.7	55.4
≥ 6000		41.5	44.9	51.6	52.4	52.6	54.1	54.6	54.9	55.4	55.5	55.6	55.6	55.6	55.6	56.2
≥ 5000		42.1	46.1	52.5	54.7	54.9	56.3	57.1	57.5	58.2	58.3	58.4	58.4	58.4	58.4	59.0
≥ 4500		44.1	49.6	56.1	58.4	58.6	60.4	61.2	61.6	62.3	62.4	62.5	62.5	62.5	62.5	63.1
≥ 4000		51.1	55.3	62.7	65.3	65.5	67.7	68.7	69.1	69.8	69.9	70.0	70.0	70.0	70.0	70.6
≥ 3500		53.1	57.6	65.5	69.1	69.3	70.6	71.8	72.3	72.9	73.0	73.1	73.1	73.1	73.1	73.8
≥ 3000		55.7	66.5	69.3	71.7	72.1	74.5	75.7	76.1	77.1	77.4	77.5	77.5	77.5	77.5	78.2
≥ 2500		55.1	62.2	71.6	73.3	73.7	76.1	77.3	77.7	78.9	79.0	79.1	79.1	79.1	79.1	79.8
≥ 2000		60.5	64.9	73.9	76.8	77.1	79.6	80.8	81.2	82.4	82.5	82.7	82.7	82.7	82.7	83.3
≥ 1800		60.3	66.3	74.2	77.1	77.4	79.9	81.1	81.5	82.7	82.8	83.0	83.0	83.0	83.0	83.7
≥ 1500		62.4	67.1	76.8	79.9	80.2	82.9	84.2	84.6	85.8	85.9	86.1	86.1	86.1	86.1	86.8
≥ 1200		63.3	68.6	79.6	82.8	83.1	85.9	87.2	87.6	88.8	88.9	89.1	89.1	89.1	89.1	89.8
≥ 1000		64.7	69.9	81.5	85.1	85.4	88.3	89.6	90.0	91.2	91.3	91.5	91.5	91.5	91.5	92.2
≥ 900		64.9	70.1	81.9	85.7	86.0	89.1	90.4	90.9	92.0	92.2	92.4	92.4	92.4	92.4	93.1
≥ 800		65.4	70.6	82.7	86.8	87.2	90.5	91.8	92.3	93.5	93.7	93.9	93.9	93.9	93.9	94.5
≥ 700		65.7	71.1	83.1	87.5	88.0	91.4	92.7	93.1	94.4	94.5	94.7	94.7	94.7	94.7	95.4
≥ 600		65.7	71.1	83.3	87.8	88.3	91.8	93.1	93.5	95.3	95.4	95.7	95.7	95.7	95.7	96.3
≥ 500		65.7	71.1	83.4	88.0	88.4	92.2	93.8	94.3	96.0	96.2	96.6	96.6	96.6	96.6	97.2
≥ 400		65.9	71.2	83.5	88.2	88.6	92.6	94.3	95.1	96.8	97.0	97.3	97.3	97.4	97.4	98.1
≥ 300		65.8	71.2	83.5	88.2	88.6	92.6	94.6	95.5	97.3	97.5	97.8	97.8	98.0	98.0	98.6
≥ 200		65.8	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	98.9	98.9	99.6
≥ 100		65.8	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	98.9	98.9	99.9
≥ 0		65.8	71.2	83.7	88.3	88.7	92.7	94.8	95.7	97.7	98.1	98.5	98.7	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM JUL 64 0-1365 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

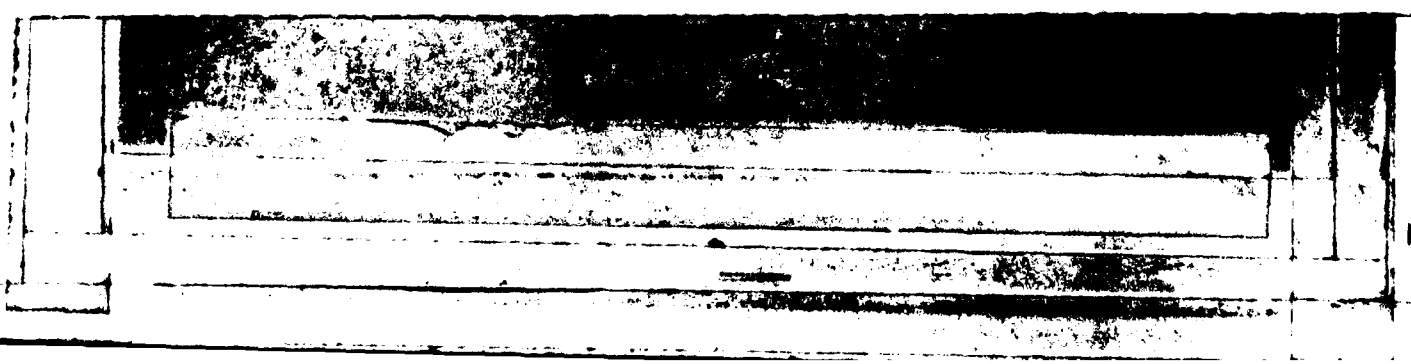
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-03 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1¼ GE1¼	≥1 GE1	¾ GE¾	½ GE½	¼ GE¼	≥5/16 GE5/16	≥¼ GE¼	0 GE0
NO CEILING		27.7	29.7	30.0	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000		34.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000		34.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000		34.4	34.6	36.9	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000		34.8	37.1	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	.2	34.4	37.6	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 10000	.2	36.3	38.7	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 9000	.1	38.3	41.8	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 8000	.1	41.7	44.8	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	2.4	44.0	47.3	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	49.1	49.1	49.1	48.1
≥ 6000	4.	44.4	47.8	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 5000	4 .1	46.8	51.1	51.6	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.	52.0	52.
≥ 4500	4 .3	5 .0	54.7	55.4	55.5	55.8	55.8	55.8	55.8	55.	55.8	55.8	55.8	55.8	55.8
≥ 4000	4.2	55.9	61.1	62.	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3500	5 .5	60.2	65.8	66.8	66.9	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3000	6 .7	70.	76.3	77.3	77.4	78.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	2.4	74.6	8 .8	81.7	81.8	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	6.6	79.4	85.9	86.9	87.	87.6	88.4	88.4	88.	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	7.6	80.5	87.1	88.1	88.2	88.8	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	0.2	83.7	90.3	91.4	91.5	92.2	92.9	92.9	93.	93.0	93.0	93.0	93.	93.0	93.
≥ 1200	1.8	8 .6	93.4	94.6	94.7	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	2.4	86.3	94.5	95.8	95.9	9 .6	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	2.4	86.3	94.9	96.2	96.3	97.	98.0	98.	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	2.4	86.3	95.1	96.5	96.6	97.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	2.4	86.3	95.2	96.6	96.8	97.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	2.4	86.3	95.2	96.9	97.1	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500	2.4	86.3	95.3	97.	97.	97.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	2.4	86.3	95.3	97.	97.2	97.8	99.1	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	2.4	86.3	95.3	97.	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	2.4	86.3	95.3	97.0	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	.4	86.3	95.3	97.0	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	2.4	86.3	95.3	97.	97.2	97.8	99.2	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...S'7... (STATION) ILDENHALL RAF ...K (STATION NAME) 4-8... (YEARS) MAY (MONTH)

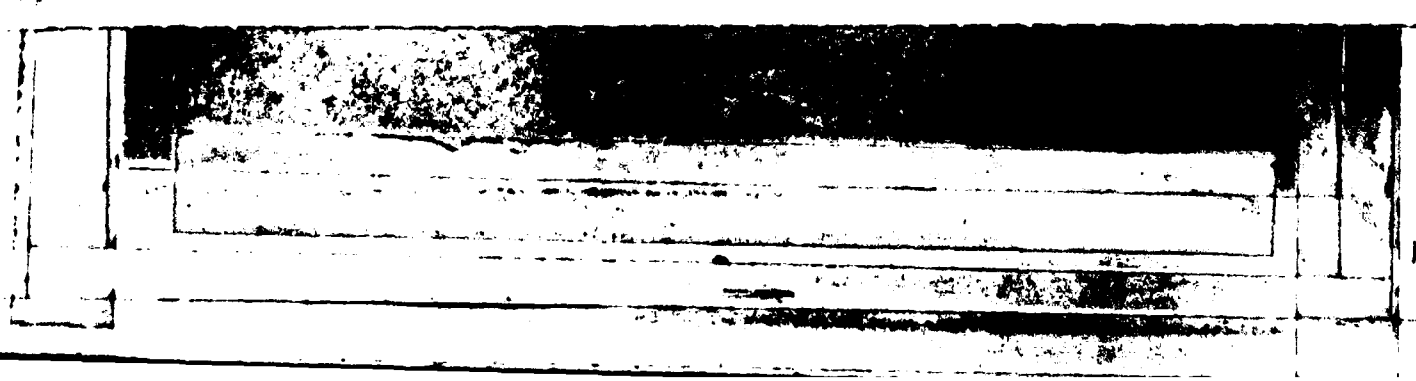
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...1200-1800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE3	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE12	≥⅝ GE10	≥½ GE8	≥3/16 GE5	≥¼ GE4	≥0 GE
NO CEILING		2 .0	27.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 20000		3 .0	34.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000		3 .0	3 .5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 16000		3 .	34.5	35.5	35.6	5.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 14000		3 .1	34.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 12000		34.	35.3	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 10000		3 .5	36.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 9000		3 .0	36.7	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 8000		3 .6	4 .3	41.4	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 7000		1.5	42.3	43.3	43.4	43.4	43.5	43.5	43.5	4 .5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000		1.3	42.4	43.4	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 5000		4.9	45.4	46.7	46.8	46.8	46.9	47.	47.1	47.0	47.0	47.0	47.0	47.0	47.0	47.1
≥ 4500		4 .4	49.2	50.6	50.8	50.8	50.9	51.0	51.1	51.0	51.	51.0	51.1	51.1	51.1	51.2
≥ 4000		5 .7	57.9	59.1	59.4	59.4	59.7	59.	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500		3.7	64.6	66.5	66.9	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000		7 .2	79.1	81.1	81.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	8 .3	82.3
≥ 2500		3.0	84.1	86.1	86.8	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		8.3	89.1	91.7	2.4	92.4	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800		8.3	89.7	92.	92.8	9 .8	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500		.2	92.5	94.8	95.8	95.8	96.5	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		1.1	93.4	95.9	96.9	96.9	97.5	97.6	97.7	97.7	98.	98.0	98.0	98.0	98.0	98.0
≥ 1000		1.4	94.2	96.7	97.6	97.6	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900		.6	94.4	96.9	97.8	97.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		1.6	94.4	96.9	98.	98.0	98.6	9 .0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	00.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		1.	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	10 .0	100.0	100.0
≥ 200		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		1.6	94.4	96.9	98.1	98.1	99.1	99.4	99.5	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93...

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

5771 (STATION) ILDENHALL RAF K (STATION NAME) 74-83 (YEARS) MAY (MONTH)

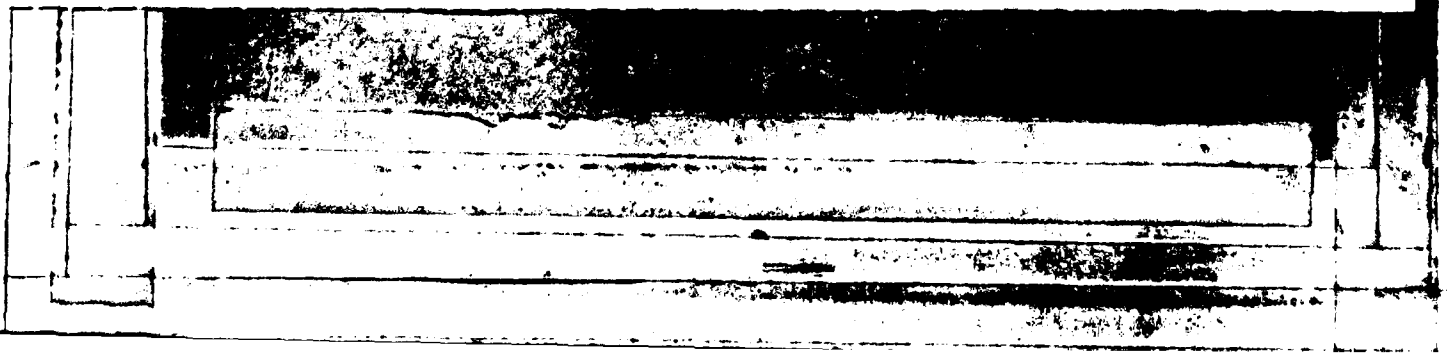
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)																
	≥10 OR 16	≥6 GE97	≥5 GE81	≥4 GE61	≥3 GE48	≥2½ GE40	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE00
NO CEILING		29.0	29.2	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		36.1	37.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000		36.1	37.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 16000		36.1	37.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000		36.5	37.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 12000		36.7	38.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000		36.8	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
≥ 9000		36.9	39.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 8000		43.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000		45.8	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	47.1
≥ 6000		46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000		46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4500		50.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4000		55.2	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500		64.5	66.3	66.7	66.7	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3000		72.7	74.5	74.8	74.8	74.8	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500		86.1	88.2	88.5	88.5	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000		89.4	91.7	92.0	92.0	92.0	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800		92.4	94.3	95.3	95.3	95.5	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		92.5	95.1	95.4	95.4	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200		93.5	96.1	96.5	96.5	96.7	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000		94.2	96.8	97.1	97.1	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		94.5	97.1	97.4	97.4	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		94.5	97.1	97.4	97.4	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		94.5	97.3	97.6	97.6	97.8	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		94.5	97.3	97.6	97.7	97.9	98.7	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		94.5	97.3	97.6	97.7	98.2	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		94.5	97.3	97.6	97.7	98.2	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.5	97.3	97.6	97.7	98.2	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(5771) ILDENHALL RAF K | 4-83 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1¼ GE24	≥1½ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		40.	41.3	42.4	42.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000		4 .1	49.8	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000		4 .5	50.1	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 6000		4 .5	5 .1	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000		.1	52.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000		2.6	51.3	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		2.6	53.2	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000		3.	53.4	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000		5 .3	59.	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000		5 .4	6 .1	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000		5 .4	60.1	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000		6.2	63.0	64.8	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500		66.	68.2	0.3	70.8	70.9	71.0	71.0	71.0	71.0	71.	71.0	71.0	71.0	71.0	71.0
≥ 4000		4.3	76.3	79.1	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500		7 .8	8 .9	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000		4.7	86.9	89.8	9 .2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500		6.1	88.2	91.6	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000		7.5	89.8	93.3	93.9	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800		7.6	89.9	93.4	94.	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500		8.5	9 .9	94.5	95.3	95.4	96.	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		8.7	91.1	95.5	96.2	96.3	97.	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		8 .1	91.6	96.1	96.9	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		8 .	91.7	96.2	97.0	97.1	97.7	98.0	98.0	98.0	98.	98.0	98.0	98.0	98.0	98.0
≥ 800		8 .5	91.9	96.5	97.2	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		8 .5	92.	96.7	97.4	97.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		8 .5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.	99.4	99.4
≥ 500		8 .5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		8 .5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		8 .5	92.	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200		8 .5	92.	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100		8 .5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0		8 .5	92.0	96.8	97.5	97.6	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 7 — STATION — ILCENHALL RAF — STATION NAME — 4-5 7 — YEARS — MAY — MONTH

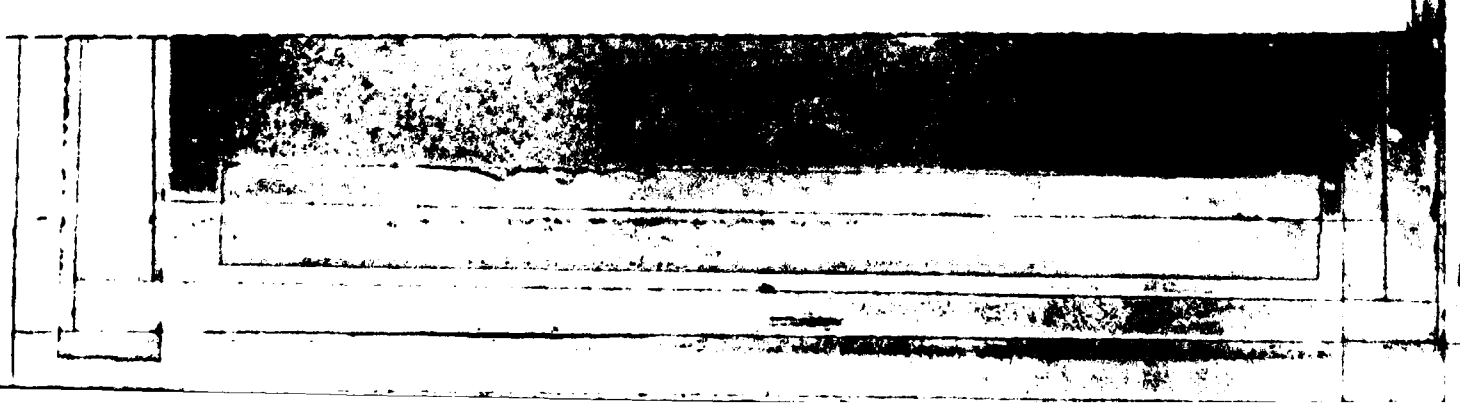
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 — HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	4.0	47.8	50.1	51.9	51.1	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.9
≥ 20000	4.1	52.4	54.9	55.9	56.1	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 18000	4.1	52.4	54.9	55.9	56.1	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 9000	4.1	52.4	54.9	55.9	56.1	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 4000	4.5	52.8	55.4	56.3	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5
≥ 2000	4.7	53.3	55.6	56.6	56.8	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 10000	3.0	54.6	57.3	58.3	58.5	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5
≥ 9000	3.4	55.1	57.7	58.7	58.9	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 8000	5.7	58.6	61.6	62.5	62.8	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 7000	5.3	59.1	62.3	63.2	63.4	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
≥ 6000	5.8	59.7	62.8	63.8	64.0	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
≥ 5000	5.4	63.0	66.6	67.5	67.7	69.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 4500	4.6	67.1	71.0	71.9	72.2	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 4000	4.5	73.2	77.6	78.8	79.0	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 3500	4.8	77.5	82.2	83.3	83.5	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 3000	5.1	82.3	87.4	88.6	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 2500	1.2	83.9	88.6	89.8	90.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 2000	.5	85.2	90.0	91.2	91.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 1800	2.8	85.5	90.3	91.5	91.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1500	3.1	85.9	90.8	91.9	92.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 1200	4.0	86.8	92.0	93.2	93.4	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 1000	4.8	87.6	93.1	94.3	94.5	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 900	4.8	87.6	93.3	94.6	94.8	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 800	4.9	87.8	93.7	95.2	95.4	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 700	5.1	88.0	94.1	95.7	95.9	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 600	5.1	88.0	94.2	95.8	96.0	97.5	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 500	5.2	88.1	94.4	96.0	96.2	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	5.2	88.1	94.4	96.0	96.2	98.1	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 | ILDENHALL RAF (K) | 4-87 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 / ≥16	≥6 / GE9	≥5 / GE8	≥4 / GE7	≥3 / GE5	≥2½ / GE4	≥2 / GE3	≥1½ / GE24	≥1¼ / GE20	≥1 / GE16	¾ / GE12	⅝ / GE1	½ / GE8	⅜ 10 / GE6	¼ / GE4	≥0 / GE2
NO CEILING		35.4	35.6	37.8	38.4	38.5	39.1	39.2	39.3	39.5	39.5	39.6	39.6	39.7	39.7	39.8
≥ 20000		.2	41.6	44.1	44.8	44.9	45.5	45.7	45.7	45.9	45.9	46.0	46.0	46.1	46.2	46.3
≥ 18000		0.2	41.7	44.2	44.9	45.	45.5	45.7	45.8	46.	46.0	46.	46.1	46.1	46.2	46.3
≥ 16000		0.2	41.7	44.2	44.9	45.0	45.6	45.8	45.8	46.	46.0	46.1	46.1	46.2	46.3	46.3
≥ 14000		0.4	42.1	44.6	45.2	45.3	45.9	46.1	46.2	46.4	46.4	46.4	46.5	46.6	46.6	46.7
≥ 12000		4 .1	42.4	44.9	45.6	45.7	4 .2	46.4	46.5	46.7	46.7	46.7	46.8	46.9	46.9	47.
≥ 10000		0.	43.6	46.2	46.9	47.1	47.6	47.9	47.9	48.1	48.1	48.2	48.2	48.3	48.4	48.5
≥ 9000		42.	44.3	47.	47.7	47.8	48.4	48.6	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2
≥ 8000		4 .7	48.5	51.7	52.4	52.6	53.3	53.5	53.6	53.8	53.8	53.8	53.9	54.	54.0	54.1
≥ 7000		4 .0	49.9	53.1	54.0	54.1	54.9	55.0	55.1	55.3	55.3	55.3	55.4	55.5	55.6	55.7
≥ 6000		4 .3	5 .1	53.4	54.3	54.4	55.1	55.4	55.5	55.7	55.7	55.7	55.8	55.9	55.9	56.0
≥ 5000		1.	52.9	56.6	57.6	57.7	58.5	58.8	58.9	59.1	59.2	5 .2	59.2	59.4	59.4	59.5
≥ 4500		54.3	56.9	6 .8	61.8	61.9	62.8	63.1	63.2	63.4	63.5	63.5	63.5	63.7	3.7	63.8
≥ 4000		1.3	63.6	68.2	69.4	69.5	7 .5	7 .9	71.1	71.3	71.3	71.3	71.4	71.5	71.5	71.7
≥ 3500		5.4	6 .8	72.6	73.8	74.0	75.0	75.5	75.6	75.9	75.9	76.	76.0	76.1	76.2	76.3
≥ 3000		2.8	75.2	8 .3	8 .6	81.8	82.1	83.4	83.5	83.9	83.9	83.9	84.0	84.1	84.1	84.3
≥ 2500		74.3	77.5	82.8	84.1	84.2	85.4	85.9	86.1	86.4	86.5	86.5	86.6	86.7	86.7	86.9
≥ 2000		7.5	8 .3	35.9	87.3	87.4	88.1	89.2	89.5	89.8	89.9	89.9	9 .0	90.1	90.1	90.3
≥ 1800		77.9	80.7	86.3	87.6	87.8	89.1	89.6	89.9	9 .2	9 .3	9 .3	9 .4	90.5	9 .5	9 .7
≥ 1500		7 .2	82.3	8.2	89.7	89.9	91.2	91.9	92.1	92.5	92.5	92.6	92.6	92.7	92.8	92.9
≥ 1200		.2	83.4	89.9	91.4	91.5	92.	93.6	93.8	94.2	94.3	94.3	94.4	94.5	9 .5	94.7
≥ 1000		.8	84.2	9 .8	92.4	92.6	94.	94.7	94.9	9 .3	95.4	95.4	95.5	95.6	95.6	95.8
≥ 900		0.9	84.3	91.1	92.7	92.8	94.3	95.1	95.3	95.7	95.8	95.8	95.8	96.0	96.0	96.1
≥ 800		1.1	84.5	91.5	93.2	93.4	94.9	95.7	96.	96.4	96.5	96.5	96.6	96.7	96.7	96.9
≥ 700		1.2	84.7	1.7	93.5	93.8	95.4	96.3	96.5	97.	97.0	97.1	97.1	97.	97.3	97.4
≥ 600		1.2	84.7	91.9	93.8	94.0	95.7	96.6	96.9	97.5	97.5	97.6	97.6	97.8	97.8	97.9
≥ 500		1.2	84.7	92.	93.9	94.1	96.1	97.1	97.4	98.0	98.1	98.2	98.2	98.4	98.4	98.5
≥ 400		1.2	84.7	92.	94.1	94.2	96.2	97.4	97.8	98.5	98.5	98.6	98.7	98.8	98.9	99.0
≥ 300		1.2	84.7	92.0	94.0	94.2	96.3	97.7	98.1	98.8	98.9	99.	99.1	99.3	99.3	99.4
≥ 200		1.2	84.	92.0	94.0	94.2	96.3	97.8	98.3	99.1	99.2	99.3	99.4	99.7	99.7	99.9
≥ 100		1.2	84.7	92.	94.	94.2	9 .3	97.8	98.3	99.1	99.2	99.3	99.5	99.7	99.7	99.9
≥ 0		1.2	84.7	92.	94.1	94.2	96.3	97.8	98.3	99.1	99.2	9 .3	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

5577 ILDENHALL RAF K 64-67 JUL
STATION STATION NAME YEARS MONTH

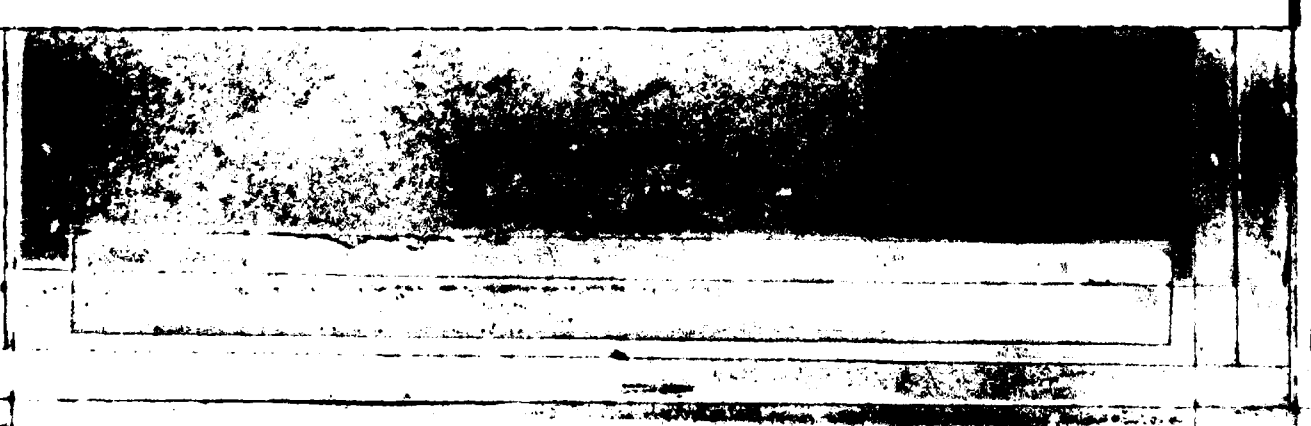
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-2100
HOURS (LST)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES (OR 1 HUNDREDS OF METERS)																
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2 (≥4)	≥2 (≥3.2)	≥1 (≥2.4)	≥1 (≥2)	≥1 (≥1.6)	≥1 (≥1.2)	≥1 (≥1)	≥ (≥.8)	≥ (≥.7)	≥5/8 (≥.6)	≥ (≥.5)	≥0 (≥.4)
NO CEILING		3 .2	33.4	43.	47.8	43.9	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000		3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000		3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000		3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000		3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000		3 .9	43.2	46.4	47.2	47.3	49.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000		4.3	45.7	47.9	48.7	48.8	51.	52.	52.	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 9000		.3	44.	49.3	50.1	50.2	52.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	4 .4	48.9	54.1	55.0	55.1	5 .4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	4 .2	49.7	54.9	55.8	55.9	58.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	4 .1	50.4	55.7	55.6	56.7	59.2	6 .3	6 .3	60.4	60.4	60.4	6 .4	60.4	0.4	60.4	60.4	60.4
≥ 5000	.0	52.4	57.8	58.8	58.9	61.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	4.4	57.1	62.8	63.8	63.9	66.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
4000	.0	63.7	.0.1	71.2	71.4	74.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	3.3	66.3	73.4	74.2	75.1	78.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	5.	69.9	76.3	77.1	78.3	81.2	82.6	82.6	82.7	82.	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	6 .1	70.3	77.8	79.6	79.9	82.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	10.2	73.7	81.1	82.9	83.2	86.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	10.1	74.6	82.0	83.8	84.1	87.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	2.9	76.2	83.8	85.6	85.9	88.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	3.7	77.1	84.9	86.7	87.	89.9	91.4	9 .4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	4.3	77.9	85.7	87.4	87.8	9 .7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	5.1	78.7	86.7	88.4	8.8	91.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	5.7	79.6	87.9	89.7	90.0	93.0	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	6.1	8 .2	88.6	9 .3	90.7	93.7	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	6.4	8 .6	88.9	9 .7	91.3	94.1	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	6.6	8 .7	89.1	91.3	91.7	94.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	6.6	8 .7	89.3	91.9	92.2	95.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	6.6	8 .7	89.3	92.1	92.4	96.6	98.6	98.7	99.2	99.	99.5	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	6.6	8 .7	89.3	92.	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	6.6	8 .7	89.3	92.1	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	6.6	8 .7	89.3	92.1	92.4	96.6	98.8	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'57-71 | RAMSTEIN AB, GE | 4-8 YEARS | JUL MONTH

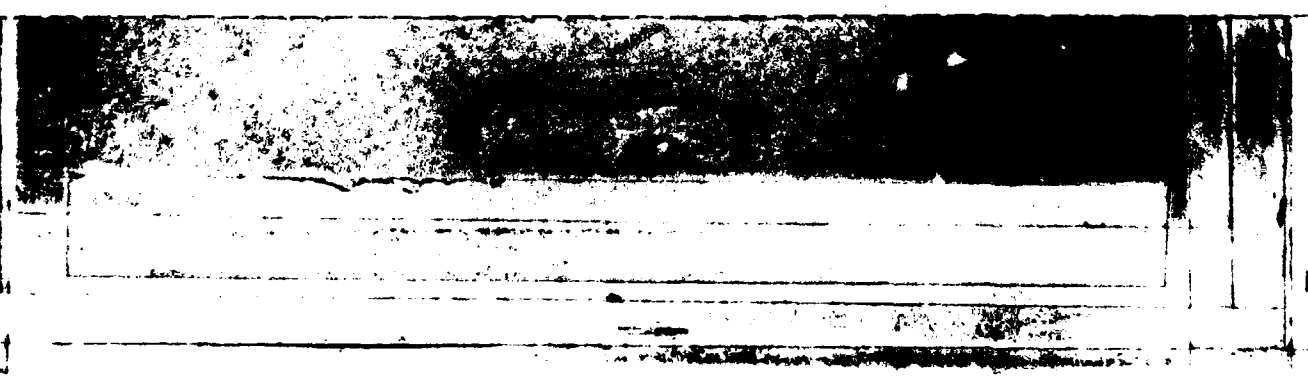
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 (9)	≥5 (8)	≥4 (6)	≥3 (4.8)	≥2½ (4)	≥2 (3.2)	≥1¾ (2.8)	≥1½ (2.4)	≥1¼ (2)	≥1 (1.6)	¾ (1.2)	½ (8)	¼ (4)	⅛ (2)	0 (0)
NO CEILING		23.2	24.3	29.3	31.2	31.6	33.7	34.9	35.9	36.2	36.7	36.8	36.8	36.9	37.2	37.2
≥ 20000		23.3	24.7	34.1	36.1	36.7	38.1	39.9	40.9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 18000		23.3	24.8	34.1	36.1	36.7	38.1	39.9	40.9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 6000		23.3	24.8	34.1	36.1	36.7	38.1	39.9	40.9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 14000		23.3	24.8	34.1	36.1	36.7	38.1	39.9	40.9	41.6	42.1	42.2	42.2	42.3	42.7	42.7
≥ 12000		23.3	24.8	34.1	36.1	36.7	38.1	39.9	40.9	41.7	42.3	42.4	42.4	42.6	42.9	42.9
≥ 10000		23.4	25.2	35.7	37.7	38.3	39.8	41.8	42.9	43.7	44.4	44.6	44.6	44.7	45.0	45.0
≥ 9000		23.5	25.8	36.3	38.4	39.1	40.6	42.6	43.6	44.4	45.2	45.3	45.3	45.4	45.8	45.8
≥ 8000		23.7	33.2	40.4	42.9	43.6	45.1	47.6	48.6	49.6	50.3	50.4	50.4	50.6	50.9	50.9
≥ 7000		23.8	33.3	40.5	42.7	45.0	45.7	47.3	48.3	51.1	52.0	52.8	52.9	52.9	53.0	53.3	53.3
≥ 6000		24.4	35.7	43.2	45.6	46.2	47.9	50.6	51.6	52.6	53.3	53.4	53.4	53.6	53.9	53.9
≥ 5000		35.1	38.9	46.6	48.9	49.6	51.2	53.9	54.9	56.1	56.8	56.9	56.9	57.1	57.4	57.4
≥ 4500		37.8	41.4	51.9	54.2	55.0	57.0	59.8	60.9	62.1	62.9	63.0	63.0	63.2	63.6	63.6
≥ 4000		45.0	46.1	57.6	59.9	60.7	62.9	65.8	66.9	68.4	69.2	69.3	69.3	69.6	69.9	69.9
≥ 3500		46.7	51.9	61.1	63.4	64.3	67.0	70.2	71.3	72.9	73.6	73.8	73.8	74.0	74.3	74.3
≥ 3000		46.8	54.4	64.2	67.2	68.1	71.0	74.6	75.7	77.2	78.1	78.2	78.2	78.4	78.8	78.8
≥ 2500		50.0	59.6	69.4	72.7	73.6	76.9	80.4	81.6	83.1	84.0	84.1	84.1	84.3	84.7	84.7
≥ 2000		52.0	63.0	73.4	77.0	78.0	81.5	85.3	86.6	88.3	89.3	89.4	89.4	89.6	90.0	90.0
≥ 1800		53.1	64.7	75.2	78.9	80.0	83.6	87.5	88.8	90.5	91.5	91.6	91.6	91.8	92.2	92.2
≥ 1500		53.6	65.3	76.2	79.9	81.0	84.7	88.6	89.9	91.6	92.6	92.7	92.7	92.9	93.3	93.3
≥ 1200		53.6	65.3	76.2	79.9	81.0	84.7	88.6	89.9	91.6	92.6	92.7	92.7	92.9	93.3	93.3
≥ 1000		53.7	65.4	76.3	80.0	81.1	84.8	88.7	90.0	91.7	92.7	92.8	92.8	93.0	93.4	93.4
≥ 900		53.7	65.4	76.3	80.0	81.1	84.8	88.7	90.0	91.7	92.7	92.8	92.8	93.0	93.4	93.4
≥ 800		53.7	65.4	76.3	80.0	81.1	84.8	88.7	90.0	91.7	92.7	92.8	92.8	93.0	93.4	93.4
≥ 700		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 600		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 500		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 400		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 300		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 200		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 100		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5
≥ 0		53.8	65.5	76.4	80.1	81.2	84.9	88.8	90.1	91.8	92.8	92.9	92.9	93.1	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS 330

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



GL PAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75 7' (STATION) ILDENHALL RAF K (STATION NAME) 74-8? (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE.8	≥¼ GE.4	≥0 GE.2	≥0 GE0
NO CEILING		2 .3	24.6	2 .4	31.4	31.6	32.7	33.6	33.7	33.8	33.8	33.8	33.8	3	33.9	34.7
≥ 20000		2 .8	30.7	36.0	38.2	38.2	39.4	4 .3	4 .4	40.6	40.6	40.6	40.6	4	.7	40.8
≥ 18000		2 .9	30.8	36.1	38.1	38.3	39.6	40.4	40.6	40.7	40.7	4 .7	4 .7	4	.8	40.9
≥ 16000		2 .9	3 .8	36.1	38.1	38.3	39.6	40.4	40.6	40.7	40.7	40.7	40.7	40.	4 .9	40.9
≥ 14000		2 .9	3 .8	36.1	38.1	38.3	39.6	4 .4	4 .6	40.7	40.	40.7	40.7	40.8	40.8	40.9
≥ 12000		2 .3	31.2	36.3	38.8	39.1	4 .3	41.2	41.3	41.4	41.4	41.4	4 .4	41.6	41.6	41.7
≥ 10000		1.4	33.4	39.4	41.4	41.9	43.	43.9	44.	44.1	44.1	44.1	44.1	44.2	44.2	44.3
≥ 9000		3 .	34.6	40.6	42.7	43.0	44.6	45.4	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.9
≥ 8000		3 .	39.	44.3	46.4	46.8	48.7	49.9	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.3
≥ 7000		3 .7	4 .3	46.4	48.7	49.	50.9	52.2	52.3	52.4	52.4	52.4	52.4	52.6	52.6	52.7
≥ 6000		3 .8	4 .6	47.1	49.2	49.6	51.4	52.8	52.9	53.	53.0	53.0	53.0	53.1	53.1	53.2
≥ 5000		0.3	47.3	49.4	51.7	52.3	53.9	55.2	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.8
≥ 4500		3.1	4 .3	52.3	54.7	55.2	57.1	58.4	58.6	58.8	58.8	58.8	58.8	58.9	58.9	59.0
≥ 4000		4 .2	52.4	59.9	62.4	63.0	6 .2	66.6	66.7	67.3	67.3	67.3	67.3	67.4	67.4	67.6
≥ 3500		2.6	55.9	63.4	66.3	66.9	69.3	7 .7	7 .8	71.1	71.4	71.4	71.4	71.6	71.6	71.7
≥ 3000		5.1	58.7	67.2	7 .1	70.7	73.1	74.6	74.7	75.6	75.8	75.8	75.8	75.9	75.9	76.0
≥ 2500		5 .7	62.2	69.0	72.1	72.7	75.1	76.8	76.9	77.8	78.	78.0	78.1	78.1	78.1	78.2
≥ 2000		5 .1	62.7	1.8	74.9	75.4	77.9	79.6	79.7	80.6	80.8	8 .8	8 .8	8 .9	8 .9	81.
≥ 1800		5 .8	63.3	72.4	75.6	76.1	78.4	80.2	80.3	81.2	81.4	81.4	81.4	81.6	81.6	81.7
≥ 1500		3.1	66.7	76.2	79.3	79.9	82.4	84.1	84.2	85.1	85.3	85.3	85.3	85.4	85.4	85.6
≥ 1200		5.2	69.1	78.8	81.9	82.4	85.3	87.	87.4	88.3	88.6	88.6	88.6	88.7	88.7	88.8
≥ 1000		65.	69.9	79.6	82.8	83.3	86.4	88.2	88.7	89.6	89.8	89.8	89.8	89.9	89.9	9 .0
≥ 900		6.6	70.	80.6	83.9	84.4	87.6	89.4	89.9	90.8	91.	91.0	91.0	91.1	91.1	91.2
≥ 800		6 .1	71.4	81.7	85.	85.6	89.1	91.0	91.4	92.3	92.6	92.6	92.6	92.7	92.7	92.8
≥ 700		6 .4	72.	82.6	85.9	86.4	9 .1	92.6	93.	93.9	94.1	94.1	94.1	94.2	94.2	94.3
≥ 600		6 .6	72.1	82.9	86.2	86.8	9 .5	93.9	94.3	95.3	95.6	95.6	95.6	95.7	95.7	95.8
≥ 500		6 .7	72.2	83.2	86.6	87.1	91.6	94.6	95.1	96.2	96.4	96.4	96.4	96.6	96.6	96.7
≥ 400		6 .7	72.2	3.2	86.6	87.1	91.7	94.8	95.4	96.7	97.1	97.1	97.2	97.3	97.3	97.4
≥ 300		6 .7	72.2	83.3	86.7	87.2	91.8	95.0	96.0	97.6	98.0	98.0	98.1	98.4	98.7	98.8
≥ 200		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.7	98.4	98.6	98.8	99.3	99.6	99.7
≥ 100		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.8	98.6	98.7	98.9	99.6	99.9	100.0
≥ 0		6 .7	72.2	83.3	86.7	87.2	91.8	95.	96.	97.8	98.6	98.7	98.9	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 370

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



USAF CLIMATOLOGY BRANCH
USAF ETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'577' ILDENHALL RAF K '61' J
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES (OR KILOMETERS)														
	≥10 GE9	≥6 GE9	≥5 GE9	≥4 GE8	≥3 GE4.9	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.8	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥⅞ GE1.4	≥¾ GE1.2	≥⅝ GE1.0	≥½ GE0.8	≥⅜ GE0.6	≥0 GE0
NO CEILING		2 .7	27.9	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.	31.2	31.2	31.2
≥ 20000		33.	34.9	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2
≥ 18000		3 .1	3 .1	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6
≥ 16000		3 .1	35.1	37.	37.4	7.4	3 .4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6
≥ 14000		34.	35.6	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.
≥ 12000		3 .4	36.6	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.
≥ 11000		3 .0	39.1	40.0	40.4	40.4	4 .4	40.4	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6
≥ 9500		.3	39.4	41.3	41.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9
≥ 8000		41.	42.9	44.9	45.7	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8
≥ 7000		.3	44.8	46.8	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7
≥ 6000		4.	45.2	47.2	47.7	47.7	48.	48.1	48.	48.	48.1	48.	48.1	48.1	48.1	48.1	48.1
≥ 5000	4 .3	47.6	49.7	50.1	50.2	5 .6	50.6	5 .6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	5 .7	
≥ 4500	. .1	50.9	53.0	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.	54.1	54.1	54.1	
≥ 4000	5.3	56.8	59.0	59.4	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	6 .2	60.2	60.2	6 .2	
≥ 3500	2.	63.4	65.9	66.3	66.4	66.9	66.9	66.9	66.	66.9	66.9	66.9	67.0	67.0	67.0	67.	
≥ 3000	4.3	75.8	78.1	78.9	79.	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	
≥ 2500	6.8	78.2	80.6	81.3	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.	82.1	82.1	82.1	
≥ 2000	7.1	81.6	84.1	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	
≥ 1800	7.4	81.9	4.4	85.3	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.	86.1	85.	86.	
≥ 1500	4.2	85.7	88.9	89.8	89.9	90.	90.7	90.7	90.7	90.7	90.7	90.8	90.8	9 .8		90.8	
≥ 1200	7.3	88.9	92.6	93.7	93.8	94.9	95.	95.	95.1	95.1	95.1	95.2	95.2	95.2		95.2	
≥ 1000	8.1	89.7	93.6	94.8	94.9	96.1	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7		96.7	
≥ 900	8.3	90.0	94.2	95.4	95.6	96.8	97.	97.2	97.2	97.2	97.2	97.3	97.3	97.3		97.3	
≥ 800	8.6	90.3	94.6	95.8	95.9	97.2	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9		97.9	
≥ 700	8.7	9 .4	94.7	95.9	96.0	97.4	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1		98.1	
≥ 600	8.7	9 .4	94.7	95.9	96.	97.6	98.1	98.3	98.6	98.	98.6	98.7	98.7	98.7		98.7	
≥ 500	8.7	90.4	94.7	95.9	96.	97.6	98.2	98.4	98.7	98.8	98.9	99.	99.0	99.0		99.0	
≥ 400	8.7	90.4	94.7	95.9	96.0	97.6	98.3	98.6	99.	99.1	99.2	99.3	99.4	99.4		99.4	
≥ 300	8.7	90.4	94.7	95.9	96.0	97.6	98.3	98.7	99.4	99.6	99.7	99.8	99.9	99.9		99.9	
≥ 200	8.7	9 .4	94.7	95.9	96.0	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	1 0.0		100.0	
≥ 100	8.7	9 .4	94.7	95.9	96.	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	100.0		100.0	
≥ 0	8.7	90.4	94.7	95.9	96.	97.6	98.3	98.7	99.6	99.7	99.8	99.9	100.0	100.0		100.0	

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL RAF CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'67 | ILDENHALL RAF K | 4-67 | JUN
STATION | STATION NAME | YEARS | MONTH

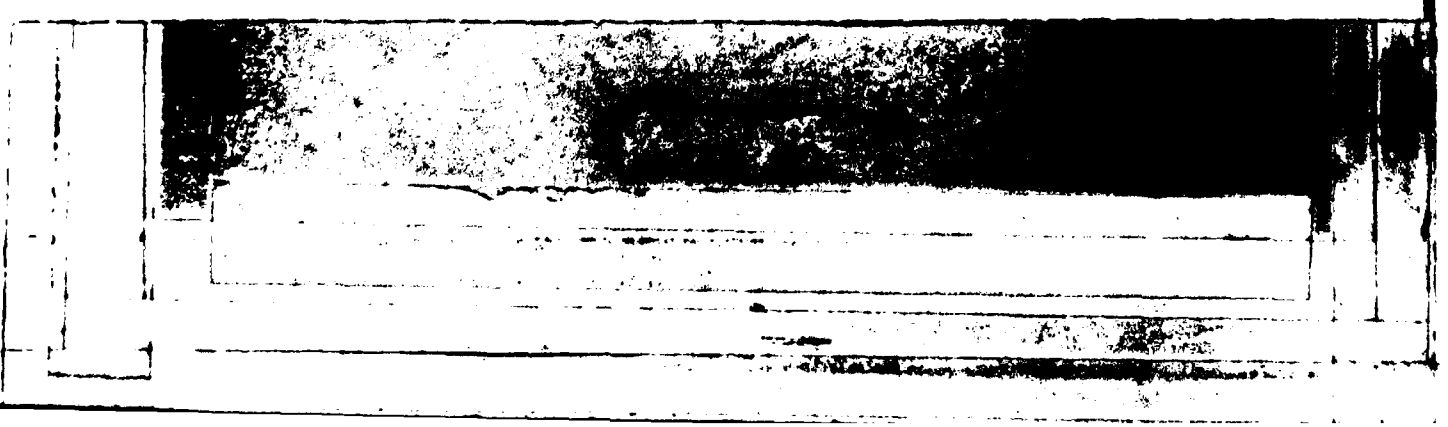
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16.0)	≥6 9	≥5 8	GE4 6	GE3 4.8	GE2 4	GE1 3	GE1/2 2.4	GE1 2	GE1/2 1.6	GE1 1	GE1/2 .8	GE1/4 .5	GE1/8 .25	GE0 .04	≥0 0
NO CEILING		.9	30.1	30.8	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.0	31.0
≥ 20000		.3	37.2	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000		.3	37.4	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 16000		.2	37.4	38.1	38.3	38.	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000		.3	37.6	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.	38.4	38.4	38.4	38.4	38.4
≥ 12000		.4	38.7	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 10000		.7	39.9	40.7	40.9	40.9	40.9	4 .9	4 .9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 9000		.1	40.9	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000		4.1	44.3	45.1	45.3	45.	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 7000		44.	45.1	45.9	46.1	46.1	46.2	46.2	46.	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000		4 .1	45.3	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 5000		4 .1	49.2	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4500		.6	51.8	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.	53.0	53.0	53.0	53.0	53.0
≥ 4000		1.3	61.6	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500		.6	71.9	71.9	72.1	72.1	72.3	72.3	72.3	7 .3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000		3.4	83.9	85.2	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500		7.0	87.4	89.0	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000		0.	90.3	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800		.7	91.1	93.2	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500		2.6	93.	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		3.9	94.3	96.9	97.4	97.4	97.8	97.8	97.8	98.	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		4.6	95.1	97.9	98.6	98.6	99.0	99.	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		4.6	9 .1	97.9	98.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		4.7	95.2	98.	98.7	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		4.7	95.2	98.0	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		4.7	9 .2	98.0	99.0	99.0	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		4.7	95.2	98.	99.	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		4.7	95.2	98.	99.	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		4.7	95.2	98.	99.	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		4.7	95.2	98.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETIC
AI[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35771 — STATION
ILDENHALL RAF K — STATION NAME
4-E? — YEARS
[illegible] — MONTH

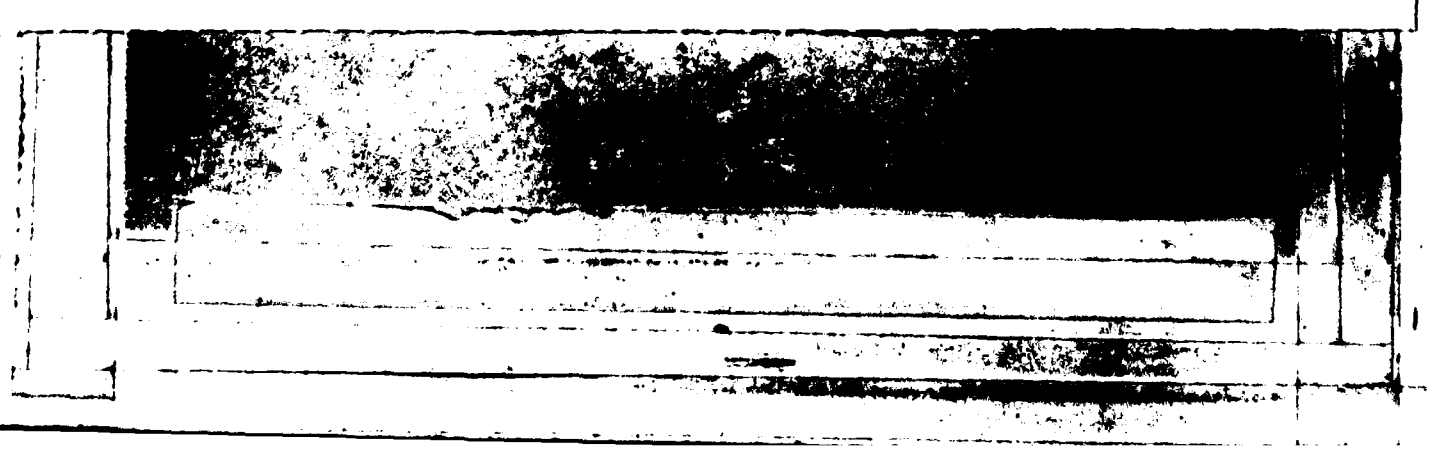
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-1700 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.10	≥¼ GE.09	≥5/16 GE.05	≥. GE.04	≥0 GE-
NO CEILING		? .6	27.9	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	8.6	28.6
≥ 20000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000		3 .3	34.	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 14000		3 .3	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000		3 .0	35.3	35.9	36.	36.1	36.1	36.1	36.	36.0	36.0	36.0	36.1	36.1	36.0	36.0
≥ 10000		3 .6	37.9	38.9	39.0	39.0	39.	39.3	39.	39.2	39.0	39.0	39.0	39.1	39.0	39.0
≥ 9000		3 .7	9.1	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	4 .1	40.1	40.1	40.1	40.1
≥ 8000		2.3	42.1	43.1	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.	44.0
≥ 7000		4.4	44.3	45.9	46.1	46.1	46.2	46.2	46.	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000		44.	46.1	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 5000		1.0	51.4	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4500		5 .6	57.0	5 .1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000		6 .2	69.7	71.	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500		76.9	77.3	78.7	78.9	78.9	79.	79.1	79.	79.1	79.1	7 .1	79.1	79.1	79.1	79.1
≥ 3000		6.9	87.6	89.	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500		8.8	89.8	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000		.8	92.9	94.4	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800		2.1	93.1	94.9	95.1	95.2	9 .3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500		3.	94.1	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200		4.1	95.2	97.	97.4	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		5.0	96.2	98.0	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		.0	96.2	98.0	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800		5.	96.2	98.	98.4	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		5.1	96.4	98.2	98.7	98.8	99.4	99.6	99.6	99.	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		5.1	96.6	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		5.1	96.6	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		.1	96.6	98.3	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		5.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		5.1	96.6	98.3	98.8	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		5.1	96.6	98.3	98.8	98.9	99.6	99.9	1 .0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.1	96.6	98.3	98.8	98.9	99.6	99.9	1 .0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[15?] ILDENHALL RAF K ?4-8? JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2000
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE9	≥5 GE8	≥4 GE7	≥3 GE6	≥2½ GE5	≥2 GE4	≥1½ GE3	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE00
NO CEILING		30.4	31.4	31.8	32.	32.	32.	32.	32.	32.	32.	32.	32.0	32.0	32.0	32.0
≥ 20000		3 .3	39.9	40.8	41.0	41.0	41.0	41.0	41.	41.	41.	41.	41.0	41.	41.	41.0
≥ 18000		3 .4	40.0	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000		3 .4	4 .1	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000		3 .6	4 .1	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000		3 .7	40.2	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 10000		43.2	43.8	44.7	44.9	44.9	44.9	45.	45.	45.0	45.0	45.0	45.0	45.	45.	45.
≥ 9000		4 .3	45.9	46.9	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000		.4	51.	52.1	52.3	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000		2.1	52.7	54.	54.2	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000		52.7	53.2	54.6	54.8	54.9	55.	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 5000		60.0	60.6	62.0	62.2	62.3	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500		.7	66.4	68.0	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000		75.2	76.4	78.6	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500		.6	82.7	84.3	84.6	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		5.4	86.9	89.3	89.6	89.7	9 .1	9 .3	9 .3	9 .4	90.4	90.4	9 .4	90.4	90.4	90.4
≥ 2500		86.3	87.8	90.2	90.4	90.6	91.	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		8 .7	90.	93.0	93.2	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		8 .2	9 .8	93.2	93.4	93.6	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500		.3	91.9	94.4	94.7	94.8	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200		1.2	93.1	95.9	96.1	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		1.3	93.6	96.3	96.7	96.9	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		1.	93.6	96.3	96.7	96.9	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		1.8	94.	96.9	97.2	97.4	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		2.1	94.3	97.2	97.6	97.9	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		2.1	94.3	97.2	97.6	97.9	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		2.2	94.6	97.4	97.8	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		2.3	94.7	97.6	97.9	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		2.2	94.7	97.6	97.9	98.2	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		2.2	94.7	97.6	97.9	98.2	99.	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		2.2	94.7	97.6	97.9	98.2	99.	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		2.2	94.7	97.6	97.9	98.2	99.	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
[illegible]AFETY'C
AI[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15[illegible]71 (STATION) ILOENHALL RAF [illegible] K (STATION NAME) 4-8[illegible] (YEARS) [illegible] (MONTH)

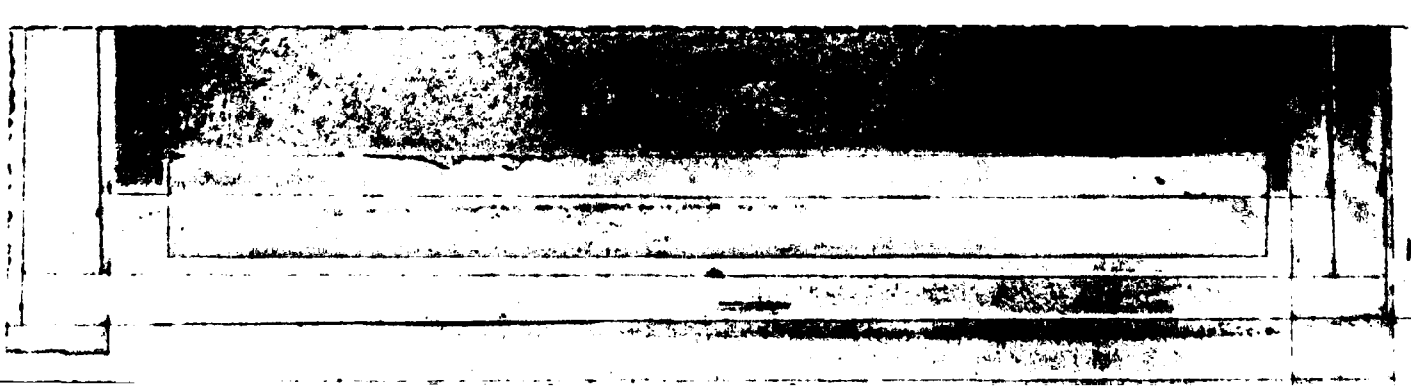
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]1 0-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 [illegible]16	≥6 GE9[illegible]	≥5 GE8[illegible]	≥4 GE6[illegible]	≥3 GE48	≥2½ GE4[illegible]	≥2 GE3[illegible]	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5 16 GE05	≥¼ GE04	≥0 GE[illegible]
NO CEILING		3 .3	36.4	38.	38.6	38.6	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.[illegible]	39.3
≥ 20000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000		[illegible] .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ [illegible]6000		[illegible] .9	41.2	43.4	44.[illegible]	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ [illegible]4000		3 .9	41.2	43.4	44.1	44.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ [illegible]2000		[illegible] .[illegible]	41.3	43.6	44.2	44.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000		2.2	44.6	47.0	47.7	47.7	49.	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 9000		3.4	4[illegible].[illegible]	48.4	49.1	49.1	50.4	50.6	50.6	50.6	5[illegible].6	5[illegible].6	5[illegible].6	50.6	5[illegible].6	5[illegible].6
≥ 8000		4 .[illegible]	52.3	54.9	55.6	55.6	[illegible]6.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.[illegible]	57.[illegible]
≥ 7000		5 .	53.[illegible]	56.1	56.8	56.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 6000		1.4	54.1	56.7	57.3	57.3	58.1	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.[illegible]	58.8
≥ 5000		[illegible]5.3	58.2	61.1	61.8	61.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500		61.[illegible]	6 .1	68.3	69.0	69.0	70.4	70.6	70.6	70.6	7[illegible].6	7[illegible].6	7[illegible].6	70.6	7[illegible].6	7[illegible].6
≥ 4000		6 .7	71.6	75.6	76.2	76.2	77.8	7 .0	78.0	78.0	78.0	78.0	78.0	78.0	78.[illegible]	78.0
≥ 3500		[illegible]1.	75.[illegible]	79.3	8[illegible].[illegible]	[illegible]0.0	81.9	82.1	82.1	8 .1	82.1	[illegible]2.1	82.1	82.1	82.1	82.1
≥ 3000		[illegible]4.8	79.8	83.7	84.4	84.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500		6.4	80.4	85.6	86.3	86.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		7 .3	82.3	[illegible]7.7	88.4	88.4	90.7	90.9	90.9	90.9	9[illegible].9	9[illegible].9	90.9	90.9	90.9	90.9
≥ [illegible]800		7 .2	83.2	[illegible]8.6	89.3	89.3	91.6	1.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ [illegible]500		[illegible] .3	84.4	89.9	9 .7	90.7	92.9	93.1	93.1	93.1	93.1	[illegible]3.1	93.1	93.1	93.1	93.1
≥ [illegible]200		1.2	85.4	91.6	92.3	92.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ [illegible]000		[illegible]1.8	86.7	92.3	93.1	[illegible]3.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900		[illegible]2.	86.4	92.[illegible]	93.8	93.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800		[illegible]3.	87.6	94.[illegible]	94.9	94.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700		3.	87.8	94.3	95.2	95.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		[illegible]3.1	87.9	94.4	95.3	95.3	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500		[illegible]3.2	88.0	94.7	95.6	95.6	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		3.	88.3	95.1	96.0	96.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		[illegible]3.3	88.3	95.2	96.[illegible]	96.1	98.8	[illegible]9.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		[illegible]3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		[illegible]3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	1[illegible]0.0	100.0	100.0	1[illegible]0.0	100.0	100.0	100.0
≥ 0		[illegible]3.3	88.3	95.2	96.1	96.1	98.8	99.7	99.9	1[illegible]0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75[illegible] MILDENHALL RAF K [illegible]-82 JUL
STATION STATION NAME YEARS MONTH

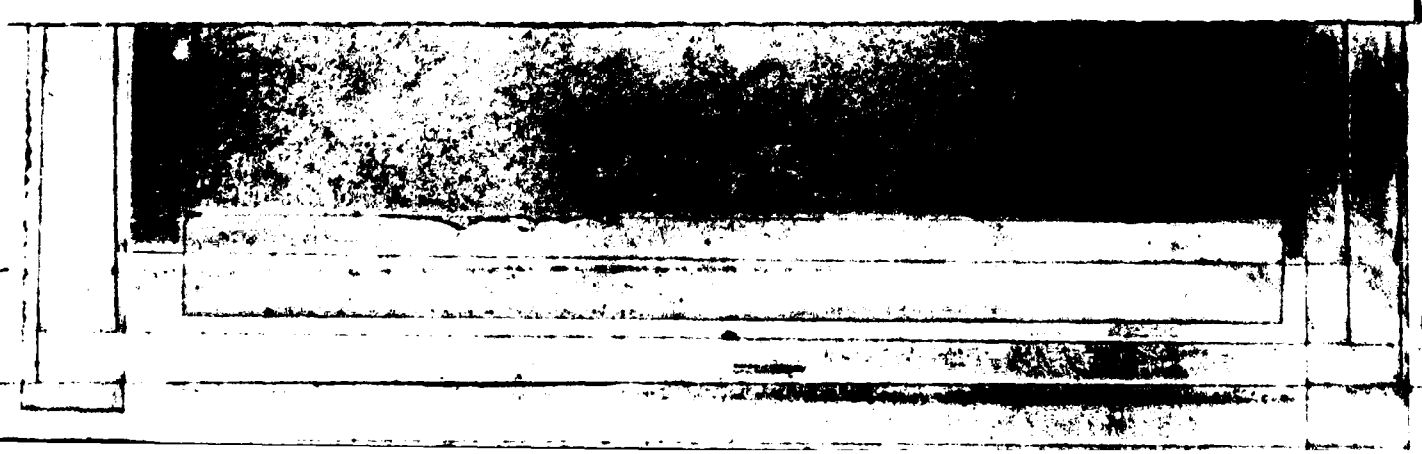
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (>16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6.4)	≥3 (≥4.8)	≥2 (≥3.2)	≥2 (≥3.2)	≥1¼ (≥2.4)	≥1¼ (≥2.0)	≥1 (≥1.6)	≥¾ (≥1.2)	≥¾ (≥1)	≥½ (≥.8)	≥5/16 (≥.5)	≥¼ (≥.4)	≥0 (≥0)
NO CEILING		[illegible].2	3 .4	32.7	33.5	33.6	3[illegible].2	34.6	34.7	34.8	34.8	34.9	34.9	34.9	34.9	35.[illegible]
≥ 20000		34.[illegible]	36.1	38.8	39.6	39.7	4 .5	41.[illegible]	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4
≥ 18000		34.	36.2	38.9	39.7	39.8	4 .6	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5
≥ 16000		34.	36.2	38.9	39.7	39.8	40.6	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5
≥ 14000		34.	[illegible]6.3	39.0	3[illegible].8	39.9	40.7	41.2	41.3	41.4	41.5	41.5	41.5	41.5	41.6	41.6
≥ 12000		3 .3	36.7	39.5	4 .3	40.4	41.2	41.6	41.8	41.9	42.0	42.0	42.0	42.0	42.1	42.1
≥ 10000		3 .4	38.8	41.8	42.6	42.7	43.[illegible]	44.	44.2	44.[illegible]	44.4	44.4	44.4	44.4	44.5	44.5
≥ 9000		3 .5	40.	43.[illegible]	43.8	44.[illegible]	44.8	45.3	45.5	45.6	45.7	45.7	45.7	45.8	45.[illegible]	45.8
≥ 8000		42.[illegible]	44.2	47.4	48.[illegible]	48.5	49.4	5 .1	5 .2	50.4	50.5	5[illegible].5	5[illegible].5	5[illegible].5	5[illegible].6	5[illegible].6
≥ 7000		4.1	4 .7	49.1	50.[illegible]	50.1	51.1	51.8	51.9	52.1	52.2	52.2	52.2	52.3	52.3	52.3
≥ 6000		[illegible]4.5	46.2	49.6	5 .5	50.6	51.[illegible]	52.3	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.8
≥ 5000		4 .3	5 .0	53.5	54.4	54.6	55.6	56.3	56.4	56.6	56.[illegible]	56.7	56.7	56.8	56.8	56.8
≥ 4500		52.[illegible]	54.7	58.4	59.3	59.5	6 .6	61.3	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.9
≥ 4000		[illegible].5	62.7	66.8	67.8	68.0	69.2	69.9	7 .1	70.3	7[illegible].4	7[illegible].5	7[illegible].5	7[illegible].5	7[illegible].6	7[illegible].6
≥ 3500		5.6	67.8	[illegible]2.3	73.3	73.6	74.9	75.8	75.9	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 3000		[illegible]1.[illegible]	74.4	79.1	8 .4	80.6	82.1	[illegible]2.9	83.1	83.4	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2500		[illegible].8	76.2	81.1	82.4	82.7	84.1	85.	85.	85.5	85.7	85.7	85.7	85.7	85.8	85.8
≥ 2000		6.5	79.	84.1	85.4	85.7	87.2	88.1	88.2	88.5	88.7	88.7	88.7	88.8	88.[illegible]	88.8
≥ 1800		[illegible].[illegible]	79.5	84.6	85.9	86.2	87.7	88.6	88.7	89.	89.2	89.2	89.2	89.3	89.3	89.3
≥ 1500		7 .0	81.[illegible]	86.[illegible]	88.2	88.5	90.[illegible]	90.9	91.1	91.4	91.5	91.6	91.6	91.6	91.7	91.7
≥ 1200		.5	83.2	88.8	9 .3	90.5	92.3	93.2	93.4	93.8	94.0	94.0	94.0	94.[illegible]	94.1	94.1
≥ 1000		1.1	83.9	89.7	91.2	91.4	93.2	94.2	94.4	94.8	95.[illegible]	95.0	95.0	95.[illegible]	95.1	95.1
≥ 900		[illegible]1.5	84.3	9 .2	91.7	92.[illegible]	93.8	94.8	95.	95.4	95.5	95.6	95.6	95.6	95.[illegible]	95.7
≥ 800		[illegible]1.9	84.9	90.9	92.4	92.7	94.6	95.7	95.9	96.3	96.5	96.5	96.5	96.5	96.6	96.6
≥ 700		.2	85.2	91.3	92.8	93.1	95.1	96.3	96.6	97.0	97.1	97.2	97.2	97.2	97.3	97.3
≥ 600		[illegible].3	85.3	91.4	93.[illegible]	93.3	95.4	96.7	97.0	97.4	97.6	97.6	97.6	97.6	97.7	97.7
≥ 500		[illegible]2.[illegible]	85.4	91.6	93.3	93.5	95.7	97.1	97.4	97.9	98.1	9[illegible].1	98.1	98.2	98.2	98.2
≥ 400		[illegible]2.3	85.4	91.7	93.4	93.7	96.[illegible]	97.5	97.8	98.4	98.6	98.6	98.6	98.7	98.8	98.8
≥ 300		[illegible]2.[illegible]	85.4	91.7	93.5	93.8	96.1	97.7	98.2	98.9	99.	99.1	99.1	99.3	99.3	99.3
≥ 200		.3	85.4	91.7	93.5	93.8	96.1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.8	99.8
≥ 100		[illegible].3	85.4	91.7	93.5	93.8	9[illegible].1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.9	99.9
≥ 0		[illegible]2.3	85.4	91.7	93.5	93.8	96.1	97.8	98.3	99.1	99.3	99.4	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]30

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



L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15[illegible]7 | [illegible]ILDENHALL RAF K | 4-8[illegible] | JUL
STATION | STATION NAME | YEARS | MONTH

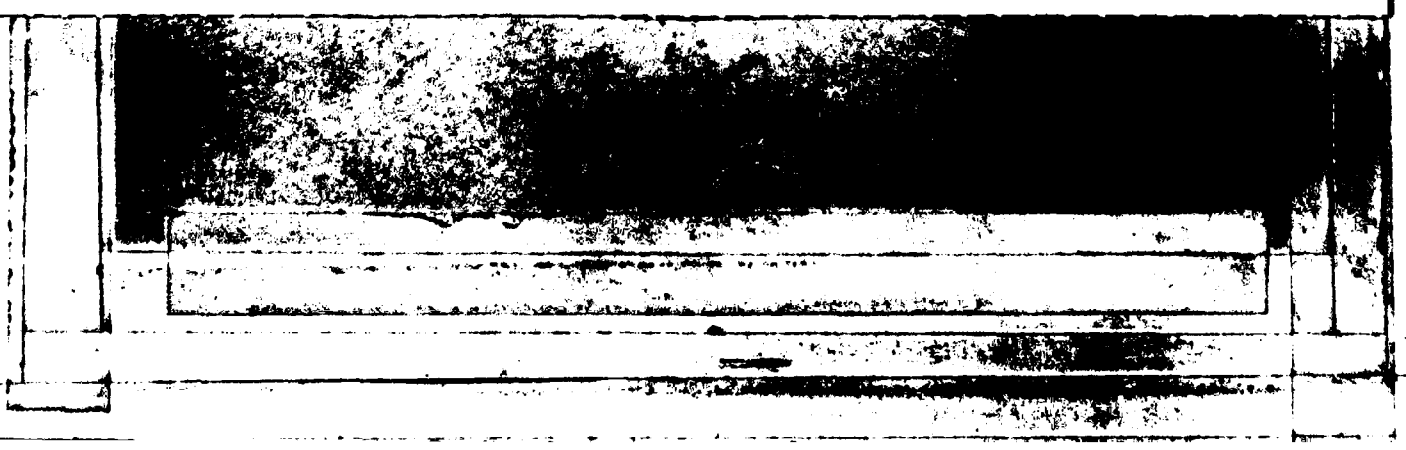
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-2[illegible]00
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (...NDREDS F METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE12	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING		1.3	44.3	48.2	49.2	49.6	51.3	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.2
≥ 20000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.7
≥ 18000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.7
≥ 16000		44.9	49.2	51.8	52.9	53.2	55.3	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.7
≥ 14000		44.6	49.2	51.8	52.9	53.2	55.3	56.1	56.	56.5	56.5	56.5	56.5	56.5	56.5	56.7
≥ 12000		44.	49.5	52.2	53.2	53.5	55.6	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.9	57.0
≥ 10000		4 .5	50.0	53.7	54.7	55.1	57.1	58.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.8
≥ 9000		4 .9	51.0	54.6	55.7	56.0	58.1	59.0	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.8
≥ 8000		2.4	56.	59.8	61.0	61.2	63.2	64.2	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.9
≥ 7000		3.1	56.9	6 .6	61.7	62.0	64.1	65.1	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.8
≥ 6000		3.4	57.2	61.	62.0	62.4	64.4	65.4	65.5	65.8	65.9	65.9	65.9	65.9	65.9	66.1
≥ 5000		5.1	58.8	62.6	63.7	64.0	66.0	67.	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.7
≥ 4500		5.6	64.5	6 .4	69.5	69.8	71.8	72.8	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.8
≥ 4000		5.3	67.9	74.2	75.3	75.6	77.6	78.6	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.6
≥ 3500		6 .1	72.9	77.2	78.3	78.6	8 .6	81.6	81.8	8 .3	82.4	82.4	82.4	82.4	82.4	82.6
≥ 3000		7.0	74.8	79.1	8 .2	80.5	82.6	83.7	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.6
≥ 2500		1.8	76.7	81.1	82.3	82.6	84.6	85.7	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.7
≥ 2000		4.1	80.0	85.3	86.5	86.8	88.9	90.1	90.3	90.8	90.9	9 .9	90.9	90.9	90.9	91.1
≥ 1800		5.6	8 .6	85.9	87.1	87.4	89.5	90.8	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.7
≥ 1500		6.3	82.	87.5	88.8	89.2	91.4	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.5
≥ 1200		7 .1	83.2	88.7	9 .0	90.4	92.6	93.8	94.	94.4	94.5	94.5	94.5	94.5	94.5	94.7
≥ 1000		7 .6	83.8	89.7	91.0	91.4	93.5	94.7	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.7
≥ 900		7 .1	8 .3	90.2	91.5	91.9	94.1	95.3	95.5	95.9	96.	96.0	96.0	96.0	96.0	96.2
≥ 800		7 .6	84.7	91.1	92.4	92.8	94.9	96.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	97.1
≥ 700		7 .8	85.1	91.4	92.7	93.1	95.3	96.5	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.4
≥ 600		7 .8	85.1	91.5	92.8	93.2	95.4	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.6
≥ 500		7 .8	85.1	91.8	93.1	93.5	95.7	97.	97.2	97.6	97.7	97.7	97.7	97.7	97.7	98.
≥ 400		7 .8	8 .1	91.8	93.2	93.7	95.8	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.5
≥ 300		7 .8	85.1	91.9	93.5	94.0	96.1	97.8	98.3	98.7	99.0	99.0	99.0	99.0	99.1	99.2
≥ 200		7 .8	85.1	91.9	93.5	94.	96.2	98.1	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.8
≥ 100		7 .8	85.1	91.9	93.5	94.1	96.2	98.1	98.6	99.1	99.5	99.5	99.5	99.5	99.5	100.0
≥ 0		7 .8	85.1	91.9	93.5	94.0	96.2	98.1	98.6	99.1	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 | ILCENHALL RAF K | 4-8' | Jul
STATION | STATION NAME | YEARS | MONTH

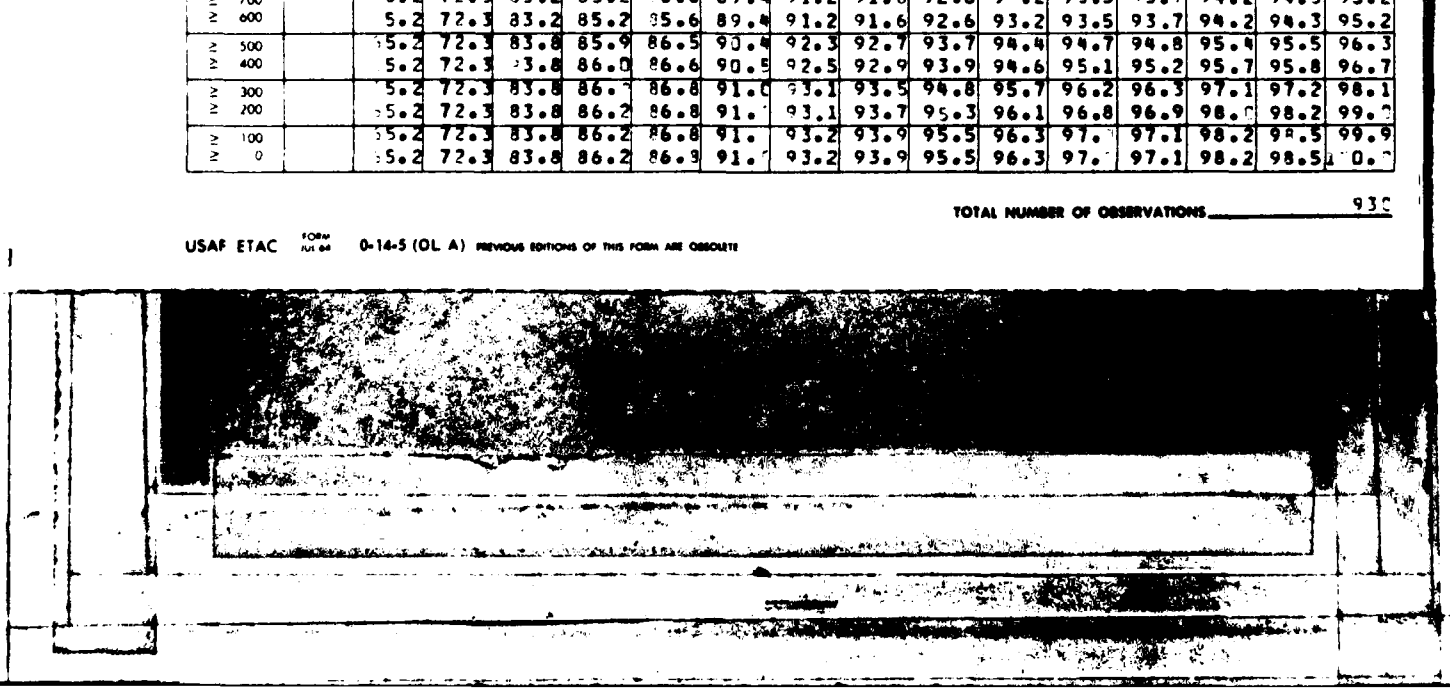
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-2500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥1 GE2	≥1 GE24	≥1 GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥¼ GE08	≥⅛ GE05	≥0 GE04	≥0 GE0
NO CEILING		? .1	28.7	31.7	32.7	32.8	35.2	36.2	36.5	37.1	37.5	37.7	37.8	38.1	39.3	38.6
≥ 20000		? .7	31.5	35.5	36.7	36.8	39.5	41.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 18000		? .7	31.7	35.5	36.7	36.8	39.5	41.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 16000		? .7	31.5	35.5	36.7	36.9	39.9	41.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 14000		? .7	31.5	35.5	36.7	36.8	39.5	41.8	41.2	41.9	42.5	42.7	42.8	43.1	43.2	43.7
≥ 12000		? .1	31.9	35.8	37.1	37.1	39.8	41.1	41.5	42.3	42.8	43.1	43.1	43.4	43.5	44.0
≥ 10000		? .1	33.0	37.4	38.9	39.0	41.7	43.1	43.5	44.3	44.8	45.1	45.2	45.5	45.6	46.1
≥ 9000		? .5	33.3	37.7	39.2	39.4	42.0	43.4	43.9	44.6	45.2	45.4	45.5	45.8	45.9	46.5
≥ 8000		35.6	3 .5	44.4	45.9	46.0	48.9	50.3	50.9	51.5	52.0	52.3	52.4	52.9	53.1	53.7
≥ 7000		3 .	41.1	44.8	46.5	46.6	49.6	51.1	51.5	52.3	52.8	53.0	53.1	53.7	53.8	54.4
≥ 6000		3 .7	40.4	45.5	47.1	47.2	5 .2	51.7	52.2	52.9	53.4	53.7	53.8	54.3	54.4	55.1
≥ 5000		3 .7	43.8	48.9	50.5	50.6	53.7	55.2	55.6	56.3	57.1	57.2	57.3	57.8	58.	58.6
≥ 4500		4 .3	50.4	57.2	58.1	58.3	61.3	62.8	63.2	64.0	64.6	64.8	64.9	65.5	65.6	66.2
≥ 4000		1.	56.6	63.4	65.4	65.6	68.8	70.3	70.8	71.6	72.3	72.6	72.7	73.2	73.3	74.1
≥ 3500		53.3	59.1	66.5	68.4	68.6	71.9	73.5	74.	74.8	75.5	75.8	75.9	76.5	76.6	77.3
≥ 3000		54.	60.9	68.4	70.3	70.5	73.9	75.7	76.1	77.1	77.6	78.1	78.1	78.6	78.7	79.6
≥ 2500		57.4	64.5	72.5	74.4	74.6	78.0	79.8	8 .2	81.1	81.7	82.1	82.2	82.7	82.8	83.7
≥ 2000		60.5	66.8	75.3	77.2	77.4	81.0	82.8	83.2	84.1	84.7	85.1	85.2	85.7	85.8	86.7
≥ 1800		.6	66.9	75.4	77.3	77.5	81.1	82.9	83.3	84.3	84.9	85.3	85.4	85.9	86.1	86.9
≥ 1500		61.	68.5	77.6	79.6	79.9	83.4	85.3	85.7	86.7	87.3	87.6	87.7	88.3	88.4	89.2
≥ 1200		3.0	69.6	78.8	8 .8	81.1	84.6	86.5	86.9	87.8	88.5	88.8	88.9	89.5	89.6	90.4
≥ 1000		3.7	70.4	80.9	82.8	83.1	86.8	88.6	89.	90.0	90.6	91.0	91.1	91.6	91.7	92.6
≥ 900		4.7	71.7	82.3	84.2	84.5	88.2	90.0	90.4	91.4	92.	92.4	92.5	93.	93.1	94.1
≥ 800		5.2	72.2	83.	84.9	85.3	89.0	90.9	91.3	92.3	92.9	93.2	93.3	93.9	94.1	94.8
≥ 700		5.2	72.3	83.2	85.2	85.6	89.4	91.2	91.6	92.6	93.2	93.5	93.7	94.2	94.3	95.2
≥ 600		5.2	72.3	83.2	85.2	85.6	89.4	91.2	91.6	92.6	93.2	93.5	93.7	94.2	94.3	95.2
≥ 500		5.2	72.3	83.8	85.9	86.5	90.4	92.3	92.7	93.7	94.4	94.7	94.8	95.4	95.5	96.3
≥ 400		5.2	72.3	83.8	86.0	86.6	90.5	92.5	92.9	93.9	94.6	95.1	95.2	95.7	95.8	96.7
≥ 300		5.2	72.3	83.8	86.1	86.8	91.0	93.1	93.5	94.8	95.7	96.2	96.3	97.1	97.2	98.1
≥ 200		5.2	72.3	83.8	86.2	86.8	91.1	93.1	93.7	95.3	96.1	96.8	96.9	98.0	98.2	99.2
≥ 100		5.2	72.3	83.8	86.2	86.8	91.1	93.2	93.9	95.5	96.3	97.1	97.1	98.2	98.5	99.9
≥ 0		5.2	72.3	83.8	86.2	86.9	91.1	93.2	93.9	95.5	96.3	97.1	97.1	98.2	98.5	100.

TOTAL NUMBER OF OBSERVATIONS 930

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



GL AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

55'7' (STATION) ILDENHALL RAF K (STATION NAME) 4-87 (YEARS) Jul (MONTH)

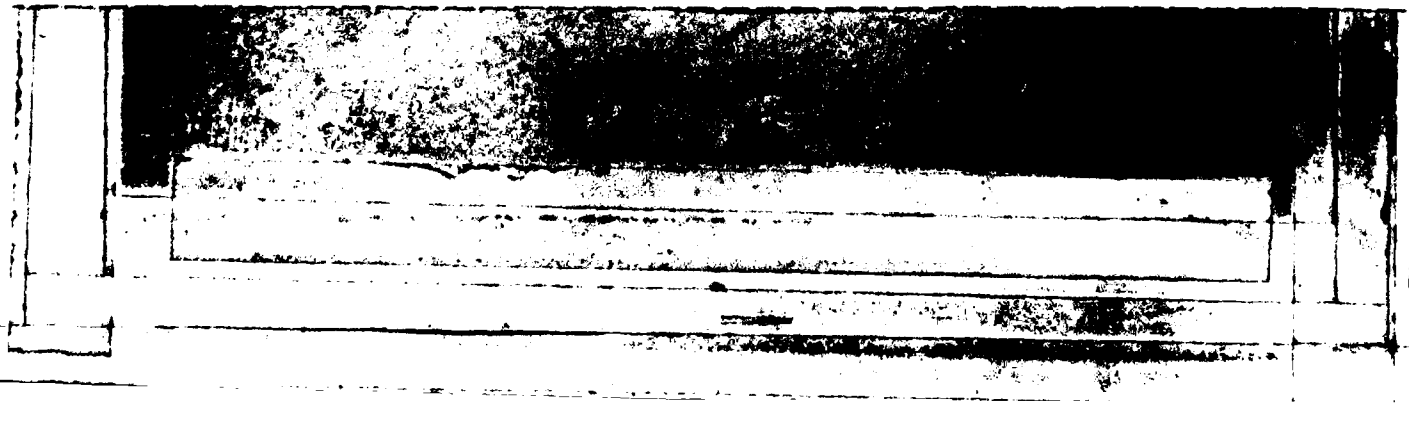
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0530-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES (OR 1 HUNDREDS F METERS)															
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.8	≥⅜ GE.6	≥5/16 GE.5	≥¼ GE.4	≥0 GE 0
NO CEILING		2 .6	27.8	30.6	31.3	31.4	32.9	33.2	33.5	34.1	34.1	34.1	34.1	34.	34.1	34.1
≥ 20000		2 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.	39.0	39.0	39.1	39.1	39.1
≥ 18000		2 .9	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.	39.0	39.0	39.1	39.1	39.1
≥ 16000		2 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.0	39.0	39.0	39.1	39.1	39.1
≥ 14000		2 .8	31.3	34.7	35.7	35.8	36.9	37.8	38.3	38.9	39.3	39.0	39.0	39.1	39.1	39.1
≥ 12000		30.1	32.0	35.5	36.5	36.6	37.6	38.6	39.	39.7	39.8	39.8	39.8	39.9	39.9	39.9
≥ 10000		31.	33.1	37.0	38.0	38.1	39.1	4 .1	40.5	41.2	41.3	41.3	41.3	41.4	41.4	41.4
≥ 9000		2 .	33.4	37.3	38.3	38.4	39.6	40.5	41.0	41.6	41.7	41.7	41.7	41.8	41.8	41.8
≥ 8000		3 .1	39.9	44.7	45.8	45.9	47.1	48.9	49.4	50.3	50.1	50.1	50.1	50.2	5 .2	5 .2
≥ 7000		2 .8	4 .4	45.6	46.7	46.8	48.6	49.8	5 .2	50.9	1.0	51.0	51.0	51.1	51.1	51.1
≥ 6000		3 .7	41.9	46.5	47.5	47.6	49.9	5 .6	51.1	51.7	51.8	51.8	51.8	51.9	1.9	51.9
≥ 5000		43.	45.7	50.6	51.7	51.8	53.7	54.9	55.4	56.	56.1	56.1	56.1	56.2	56.2	56.2
≥ 4500		0.	52.6	58.4	59.5	59.6	61.4	62.7	63.1	63.8	63.9	63.9	63.9	64.	64.0	64.0
≥ 4000		5 .6	59.1	65.7	66.8	66.9	68.7	70.1	70.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7
≥ 3500		5 .3	61.1	67.8	68.9	69.	71.1	72.5	72.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1
≥ 3000		1.1	64.2	71.3	72.4	72.5	74.6	76.1	76.6	77.5	77.6	77.6	77.6	77.7	77.7	77.7
≥ 2500		2.5	65.7	72.8	73.9	74.0	76.1	77.6	78.1	79.	79.1	79.1	79.1	79.2	79.2	79.2
≥ 2000		4.4	67.7	74.8	76.0	76.1	78.4	79.9	80.3	81.3	81.4	81.4	81.5	81.6	81.6	81.6
≥ 1800		4.6	68.	75.3	76.5	76.6	78.8	0.3	80.8	81.7	81.8	81.8	81.9	82.0	82.	82.0
≥ 1500		6 .	71.4	78.1	79.1	79.2	81.6	83.1	83.8	84.7	84.8	84.8	84.9	85.1	85.1	85.1
≥ 1200		10.4	74.1	81.7	82.9	83.	85.5	87.	87.6	88.6	88.7	88.7	88.8	88.9	88.9	88.9
≥ 1000		11.7	75.6	83.4	84.8	84.9	87.4	89.	89.7	9 .6	90.8	90.8	90.9	91.	91.0	91.0
≥ 900		12.	76.3	84.2	85.6	85.7	88.2	89.8	90.4	91.4	91.5	91.5	91.6	91.7	91.7	91.7
≥ 800		12.4	76.5	84.3	85.7	85.8	88.3	90.2	90.9	91.8	91.9	91.9	92.0	92.2	92.2	92.2
≥ 700		12.8	76.9	85.1	86.7	86.8	89.6	91.4	92.	93.0	93.1	93.1	93.2	93.3	93.3	93.3
≥ 600		12.9	77.0	85.3	87.1	87.2	9 .0	91.9	92.6	93.5	93.7	93.7	93.8	93.9	93.9	93.9
≥ 500		13.0	77.2	85.6	87.7	87.8	91.2	93.2	93.9	94.9	95.1	95.2	95.3	95.5	95.5	95.5
≥ 400		13.1	77.2	85.7	88.2	88.3	91.9	94.2	94.9	96.0	96.1	96.3	96.5	96.7	96.7	96.7
≥ 300		13.	77.2	85.7	88.2	88.3	91.9	94.4	95.3	96.7	96.9	97.2	97.4	98.0	98.	98.1
≥ 200		13.	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.0	99.2
≥ 100		13.0	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.1	100.0
≥ 0		13.0	77.2	85.7	88.2	88.3	91.9	94.5	95.5	97.1	97.4	97.7	98.2	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 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

7917 | RAMSTEIN AB GE | 1964-83 YEARS | JUL MONTH

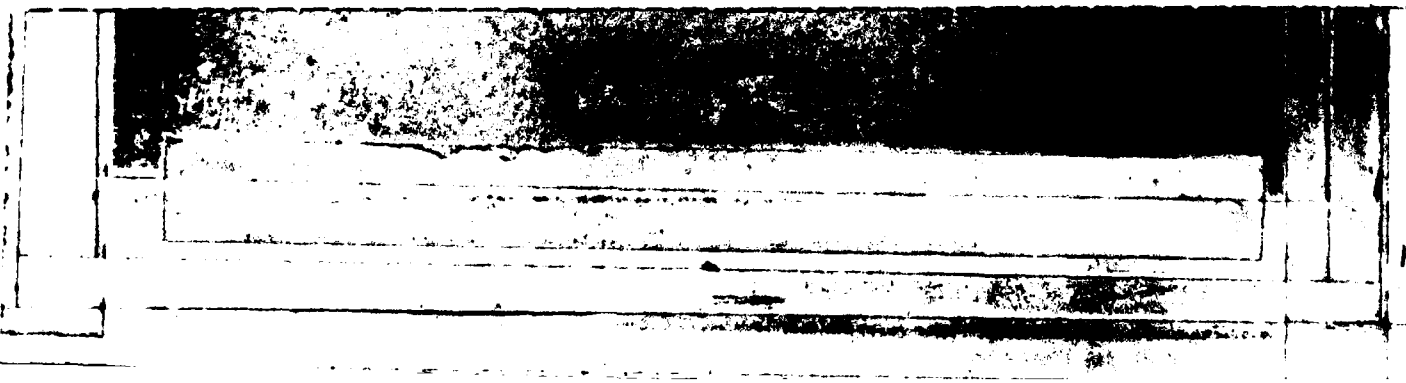
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9)	≥5 (≥8)	≥4 (≥6)	≥3 (≥4.8)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥0.8)	≥⅜ (≥0.6)	≥¼ (≥0.4)	≥⅛ (≥0.2)	<⅛ (<0.2)
NO CEILING	24.1	25.5	28.4	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 20000	30.7	31.3	34.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	30.8	31.4	34.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000	30.8	31.5	34.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 14000	31.2	31.8	34.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	31.3	32.0	35.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 10000	33.2	34.0	37.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	33.7	35.1	38.2	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 8000	40.4	41.5	44.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 7000	41.5	42.7	46.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	41.7	42.9	46.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 5000	44.6	45.7	49.1	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4500	49.4	50.5	53.1	54.2	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	55.1	56.3	60.2	61.3	61.3	61.9	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3500	60.3	61.9	66.2	67.3	67.3	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	66.2	68.8	73.7	74.7	74.7	75.5	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	69.5	71.3	76.5	77.5	77.5	78.3	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	83.5	78.3	83.5	84.6	84.6	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	84.5	79.4	84.6	85.7	85.7	86.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	85.1	82.9	88.3	89.5	89.5	90.2	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	86.1	86.0	91.6	92.9	92.9	93.7	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	86.9	87.1	92.8	94.1	94.1	95.1	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	87.1	87.5	93.4	94.7	94.7	95.8	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	87.4	87.6	93.5	94.8	94.8	96.1	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	87.9	88.3	94.4	95.8	95.8	97.2	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	87.9	88.3	94.4	95.8	95.8	97.4	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	87.9	88.3	94.5	95.9	95.9	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	87.9	88.3	94.5	95.9	95.9	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	87.9	88.3	94.5	96.0	96.0	97.8	98.6	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	87.9	88.3	94.5	96.0	96.0	97.8	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0
≥ 100	87.9	88.3	94.5	96.0	96.0	97.8	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0
≥ 0	87.9	88.3	94.5	96.0	96.0	97.8	98.6	99.0	99.5	99.6	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

75?7? STATION | ILDENHALL RAF K STATION NAME | 4-6? YEARS | JUL MONTH

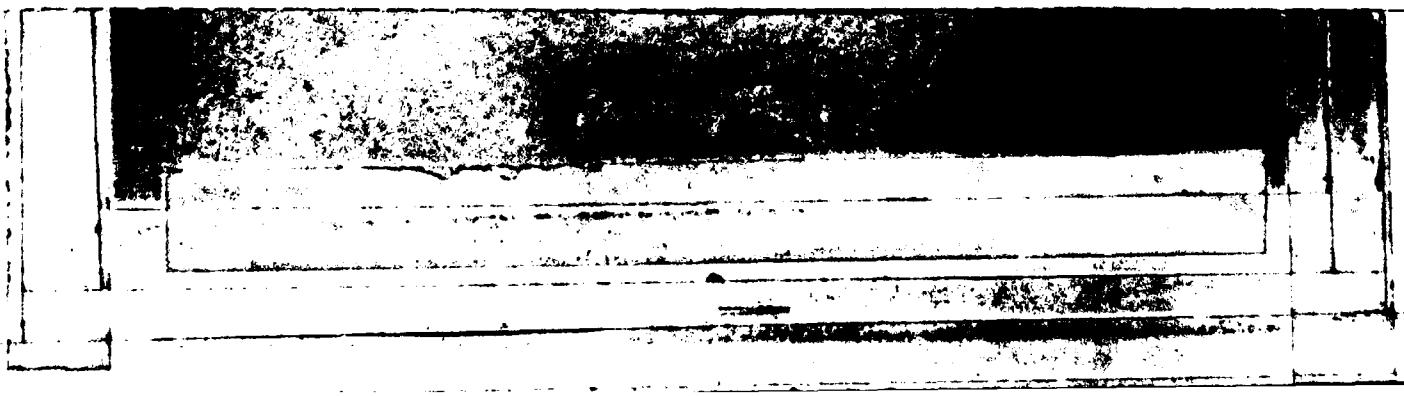
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1?00-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2? GE4	≥2 GE32	≥1? GE24	≥1 GE2	≥1 GE16	≥? GE1	≥? GE10	≥? GE8	≥5/16 GE5	≥? GE4	≥0 GE?
NO CEILING		?.2	25.1	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 20000		?8.9	30.?	32.8	33.0	33.0	33.0	33.	33.	33.?	33.?	33.	33.?	33.?	33.?	33.?
≥ 18000		?0.0	30.	32.?	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 16000		?.0	30.	32.9	33.?	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 14000		.3	31.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 12000		?0.4	31.3	33.3	33.?	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 10000		2.0	33.1	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 9000		3.1	3 .2	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 8000		?.9	4 .?	42.2	42.9	4 .5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 7000		3?.4	4 .4	42.7	43.?	43.3	43.?	43.?	43.?	43.0	43.0	43.0	43.0	43.0	43.0	43.?
≥ 6000		3 .?	40.8	43.	43.?	43.3	43.3	43.3	43.?	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 5000		42.?	44.0	46.3	46.?	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 4500		.1	52.2	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4000		3.1	64.3	66.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500		?.?	72.4	75.1	75.7	75.?	76.1	76.1	76.	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000		7 .?	79.6	82.9	83.7	83.9	84.?	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500		?1.0	82.7	86.1	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000		0.	88.3	91.?	92.6	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800		?7.4	89.5	93.1	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		8 .?	91.?	95.4	96.1	96.3	96.8	96.9	96.9	96.9	9?.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		?.6	92.8	96.5	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		.2	93.3	97.0	97.7	98.?	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900		?1.	93.4	97.1	97.8	98.1	98.9	99.0	99.?	99.0	99.	99.0	99.0	99.?	99.?	99.?
≥ 800		?1.3	93.4	97.2	98.?	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		?1.4	93.5	97.3	98.2	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		?1.4	93.5	97.3	98.2	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		?1.4	93.5	97.3	98.4	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	10 .0	100.0	100.0	100.0	100.0	100.0
≥ 300		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	10?.0	100.0
≥ 200		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		?1.4	93.5	97.3	98.4	98.6	99.7	99.9	99.9	1?0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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



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

CEILING VERSUS VISIBILITY

35[illegible] (STATION) ILDENHALL RAF K (STATION NAME) [illegible]4-37 (YEARS) JUL (MONTH)

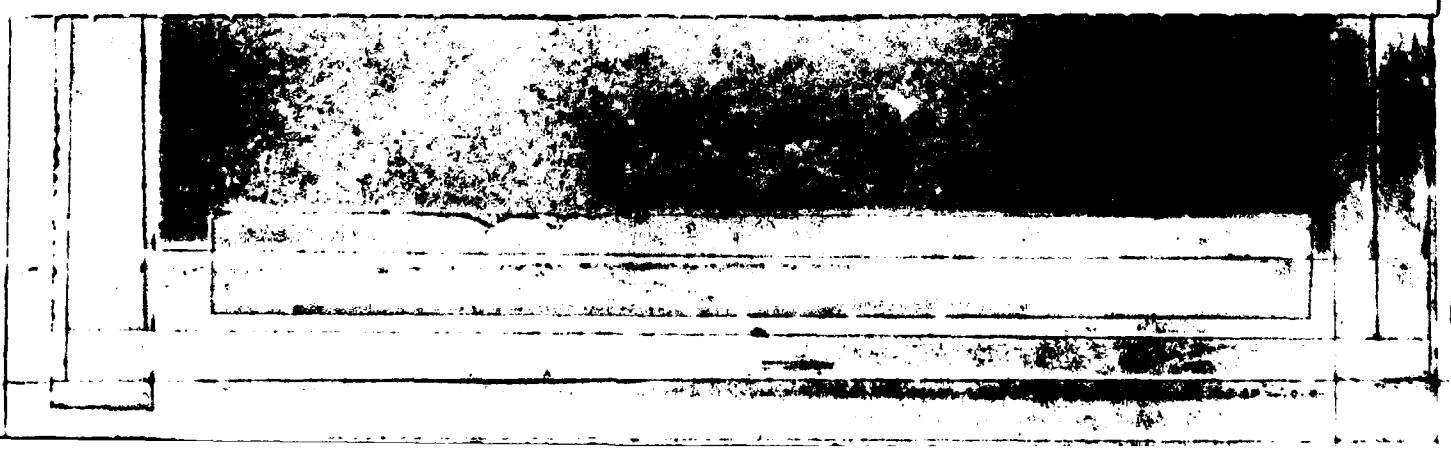
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1[illegible]0-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (≥16)	≥6 (≥9)	≥3 (≥4.8)	≥2 (≥3.2)	≥1 (≥2.4)	≥½ (≥1.2)	≥¼ (≥0.8)	≥0 (≥0.4)	≥1 (≥1.6)	≥½ (≥1)	≥¼ (≥0.8)	≥0 (≥0.4)	≥5/16 (≥0.5)	≥¼ (≥0.4)	≥0 (≥0.0)
NO CEILING	[illegible]	2 .3	27.8	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	[illegible]	3 .0	34.	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	[illegible]	3 .	35.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 5000	[illegible]	3 .3	35.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 4000	[illegible]	34.	35.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 2000	[illegible]	3 .2	36.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 10000	[illegible]	3 .5	37.4	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	[illegible]	3 .3	40.2	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000	[illegible]	3.4	44.4	45.5	45.9	45.9	45 .9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 7000	[illegible]	44.	45.9	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 6000	[illegible]	4 .2	46.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	[illegible]	4 .7	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	[illegible]	5 .	61.8	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000	[illegible]	3.7	74.7	76.3	76.8	76.8	7 .9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	[illegible]	.9	82.5	84.1	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	[illegible]	5.3	87.	88.9	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	[illegible]	7.5	89.5	91.4	91.9	91.9	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	[illegible]	.0	91.	94.4	94.9	94.9	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	[illegible]	.3	92.3	94.7	95.3	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	[illegible]	1.7	93.7	96.1	96.8	96.8	97.	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	[illegible]	3.0	94.7	97.5	98.3	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	[illegible]	3.3	95.3	97.8	98.6	98.6	98.8	99.	99.	99.	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	[illegible]	.3	95.3	97.8	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	[illegible]	3.3	95.3	97.8	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	[illegible]	3.3	95.4	98.1	98.8	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	[illegible]	3.3	95.4	98.3	99.	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	[illegible]	.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	[illegible]	3.4	95.5	98.4	99.1	99.1	99.6	99.9	99.9	99.9	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]972

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



CLIMATAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]71 | ILDENHALL RAF [illegible] | 4-67 | JUL
STATION | STATION NAME | YEARS | MONTH

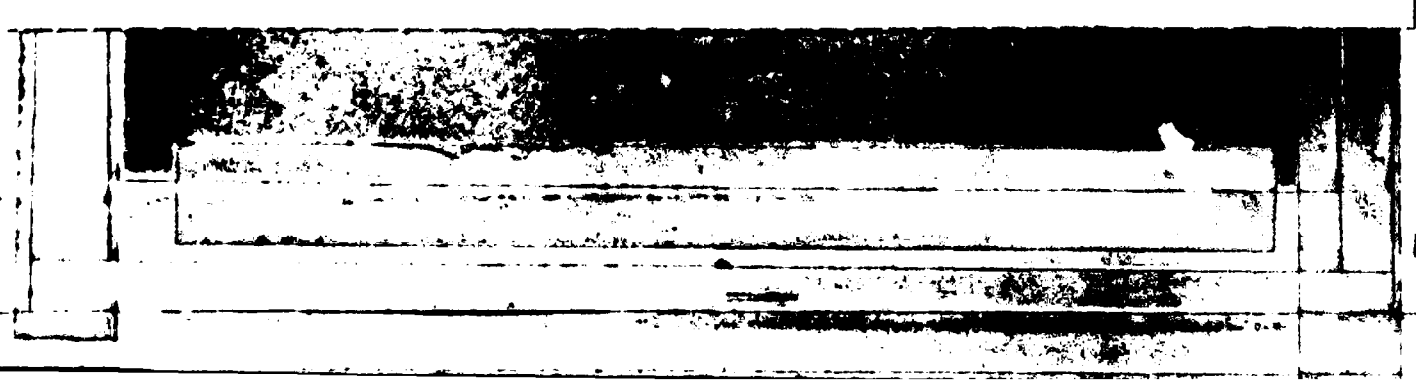
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 OR ≥16	≥6 OR ≥9	≥5 OR ≥8	≥4 OR ≥6	≥3 OR ≥4.8	≥2½ OR ≥4	≥2 OR ≥3.2	≥1½ OR ≥2.4	≥1¼ OR ≥2	≥1 OR ≥1.6	¾ OR ≥1.2	½ OR ≥1	⅜ OR ≥.8	¼ OR ≥.6	≥⅛ OR ≥.5	≥0 OR ≥0
NO CEILING		3 .2	36.7	36.9	37.1	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000		43.5	44.6	45.8	46.0	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000		43.	44.7	45.9	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000		43.7	44.7	45.9	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 14000		43.9	44.9	46.1	46.3	46.3	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000		44.0	45.1	46.2	46.5	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000		4 .3	47.5	48.7	49.1	49.0	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000		4 .5	49.7	51.0	51.3	51.3	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000		4.4	55.7	57.	57.4	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000		54.	56.3	57.7	58.2	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 6000		5.6	57.1	58.5	59.9	58.9	59.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 5000		6 .1	62.4	63.9	64.3	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500		6 .9	71.	73.1	73.5	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000		7.5	79.5	81.	81.4	81.	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		1.8	84.	85.7	86.1	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000		4.5	86.8	88.9	89.4	89.4	9 .2	9 .3	90.3	90.3	90.3	9 .3	9 .3	90.3	90.3	90.3
≥ 2500		6.2	89.5	91.0	91.4	91.4	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		8.	90.8	93.3	94.2	94.2	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800		8.4	9 .9	93.9	94.3	94.3	9 .2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		9 .6	92.	95.2	95.6	95.7	97.	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		90.3	92.9	96.	96.5	96.6	97.8	98.	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		90.8	93.3	96.5	97.0	97.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900		.9	93.4	96.6	97.1	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		1.	93.5	96.7	97.2	97.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		1.1	93.7	96.9	97.4	97.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		1.1	93.7	96.9	97.5	97.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		91.2	93.8	97.0	97.6	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		.2	93.8	97.0	97.6	97.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		91.2	93.8	97.	97.6	97.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		91.2	93.8	97.	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		91.2	93.8	97.	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		91.2	93.8	97.0	97.6	97.7	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



CL[illegible]AL CLIMATOLOGY BRANCH
AFETAC
A[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5[illegible]7 — STATION
ILDENHALL RAF [illegible] — STATION NAME
6-3[illegible] — YEARS
J[illegible] — MONTH

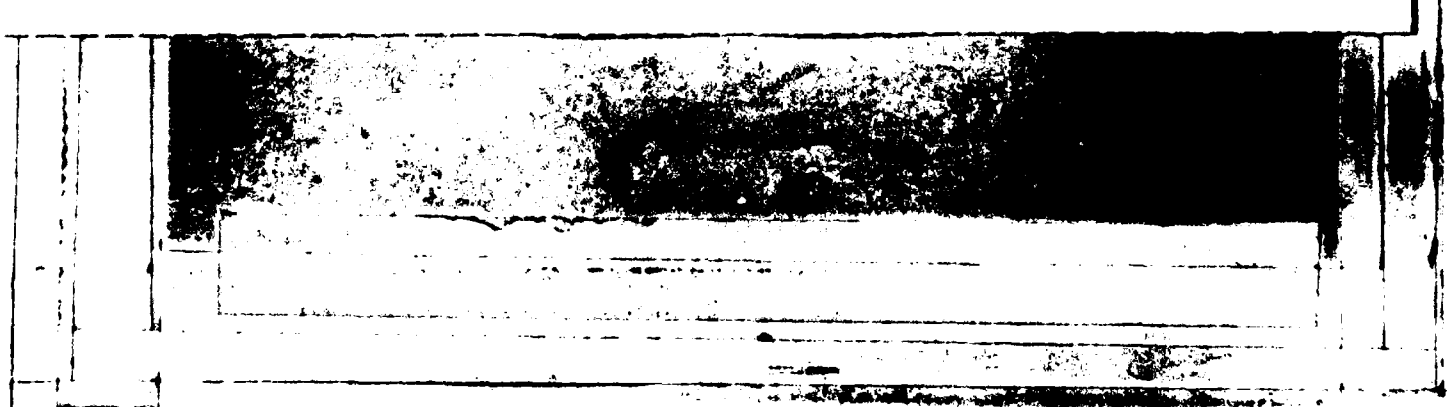
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (METRES)	≥10 (16)	≥6 (9.7)	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2 (3.2)	≥1 1/2 (2.4)	≥1 (1.6)	≥3/4 (1.2)	≥1/2 (0.8)	≥1/4 (0.4)	≥0 (0)
NO CEILING		3 .7	40.9	43.3	43.4	43.4	44.1	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000		4 .6	46.9	50.2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000		4 .6	46.9	50.2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000		4 .6	46.9	5 .2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000		4 .6	46.9	5 .2	50.4	50.4	51.9	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000		4 .7	47.3	5 .6	50.9	50.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2
≥ 11000		4 .6	48.9	52.3	52.5	52.5	53.5	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000		4 .7	50.3	53.	54.7	54.8	55.1	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000		4.	55.4	58.8	59.	59.3	60.4	61.0	61.1	61.1	61.1	61.1	61.1
≥ 8000		4.4	55.8	59.2	59.5	59.5	6 .9	61.4	61.4	61.5	61.5	61.5	61.5
≥ 7000		4.6	56.	59.6	59.8	59.8	61.2	61.7	61.7	61.8	61.8	61.8	61.8
≥ 6000		5 .6	60.0	63.5	63.8	63.8	65.2	65.7	65.7	65.8	65.8	65.8	65.8
≥ 5000		6.	67.	71.4	71.6	71.6	73.0	73.5	73.5	73.7	73.7	73.7	73.7
≥ 4500		6.	67.	71.4	71.6	71.6	73.0	73.5	73.5	73.7	73.7	73.7	73.7
≥ 4000		.6	73.4	77.7	78.2	78.2	79.8	80.3	80.3	80.4	80.4	80.4	80.4
≥ 3500		6.3	77.	81.7	82.3	82.3	83.9	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3000		6.7	78.7	83.3	83.9	83.9	85.6	86.1	86.1	86.2	86.2	86.2	86.2
≥ 2500		7 .7	80.	85.9	86.5	86.5	88.4	88.9	88.9	89.	89.	89.1	89.
≥ 2000		.9	83.1	.6	89.2	89.2	91.6	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1800		1.1	83.2	88.8	89.6	89.6	9 .0	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1500		1.	85.3	91.	91.7	91.8	94.5	95.1	95.1	95.	95.2	95.2	95.2
≥ 1200		3.9	86.2	92.3	93.	93.1	95.8	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1000		4.6	87.2	93.3	94.1	94.2	97.3	97.8	97.8	98.	98.	98.1	98.
≥ 900		4.7	87.3	93.5	94.3	94.4	97.6	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800		5.1	87.6	94.	94.7	94.8	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700		5.1	87.6	94.1	94.8	94.9	98.3	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600		5.1	87.6	94.1	94.8	94.9	98.3	98.9	98.9	99.	99.	99.0	99.0
≥ 500		5.1	87.6	94.1	94.8	94.9	98.3	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400		5.1	87.	94.1	94.8	94.9	98.3	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300		5.1	87.6	94.1	94.8	94.9	98.3	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200		5.1	87.6	94.1	94.8	94.9	98.3	99.2	99.2	99.6	99.6	99.8	99.8
≥ 100		5.1	87.6	94.1	94.8	94.9	98.3	99.2	99.2	99.6	99.6	99.8	99.8
≥ 0		5.1	87.6	94.1	94.8	94.9	98.3	99.4	99.4	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



CL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5577 ILDENHALL RAF, K — 4-87 — JAN

STATION — STATION NAME — YEARS — MONTH

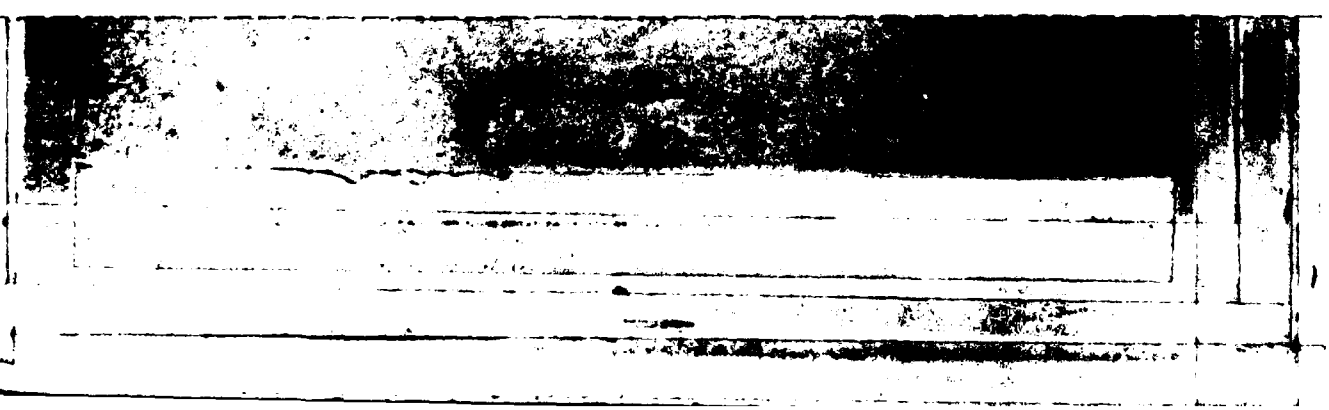
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE7	≥3 GE5	≥2½ GE4	≥2 GE3½	≥1½ GE2½	≥1¼ GE2	≥1 GE1⅝	≥¾ GE1¼	≥½ GE1	≥¼ GE⅝	≥5/16 GE½	≥¼ GE⅜	≥0 GE0
NO CEILING		34.7	36.7	34.3	34.9	34.9	35.6	35.7	36.0	36.2	36.3	36.3	35.3	36.3	35.3	36.4
≥ 20000		35.	37.4	4 .1	4 .3	4 .3	41.8	42.2	42.3	42.5	4 .6	42.6	42.6	42.7	42.7	42.8
≥ 18000		35.	37.5	4 .2	4 .9	4 .9	41.9	42.3	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.9
≥ 6000		35.	37.5	40.2	40.9	40.9	41.9	42.3	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.9
≥ 4000		3 .7	37.7	40.4	41.0	41.1	42.0	42.5	42.6	42.8	42.9	42.9	42.9	43.	43.	43.1
≥ 3000		3 .3	38.	40.7	41.4	41.4	42.4	42.8	42.9	43.1	43.2	43.2	43.2	43.3	43.3	43.4
≥ 10000		37.	39.4	42.5	43.2	43.2	44.2	44.7	44.8	45.0	45.1	45.1	45.2	45.2	45.2	45.3
≥ 9000		3 .1	40.	43.8	44.5	44.5	45.9	46.	46.1	46.3	46.4	46.5	46.5	46.	46.5	46.6
≥ 8000		44.	46.6	49.7	50.4	50.5	51.6	52.1	52.3	52.5	52.6	52.6	52.6	52.7	52.7	52.8
≥ 7000		4 .4	7.3	30.5	51.3	51.3	52.5	53.0	53.1	53.4	53.5	53.5	53.5	53.6	53.6	53.7
≥ 6000		45.	47.8	5 .9	51.7	51.8	52.9	53.5	53.6	53.8	53.9	53.9	53.9	54.0	54.	54.1
≥ 5000		4 .4	51.4	54.6	55.4	55.5	56.7	57.2	57.4	57.6	5 .7	57.7	57.7	57.8	57.8	57.9
≥ 4500		5 .6	59.9	62.3	63.1	63.2	64.4	64.9	65.1	65.3	65.4	65.4	65.5	65.	65.6	65.7
≥ 4000		4.2	66.7	70.7	71.5	71.7	72.9	73.5	73.6	74.	74.1	74.1	74.1	74.2	74.2	74.3
≥ 3500		6 .	71.4	75.5	76.5	76.6	77.9	78.5	78.6	79.	79.1	79.1	79.1	79.2	79.2	79.3
≥ 3000		3.2	75.1	79.6	80.5	80.6	82.0	82.7	82.8	83.2	83.3	83.3	83.3	83.4	83.4	83.6
≥ 2500		4.4	77.4	82.2	83.1	83.2	84.6	85.3	85.5	85.8	85.9	86.0	86.0	86.1	86.1	86.2
≥ 2000		7.7	8 .8	86.	86.9	87.1	88.6	89.3	89.4	89.8	89.9	89.9	89.9	90.0	90.0	90.2
≥ 1800		7 .2	81.3	86.5	87.4	87.6	89.1	89.8	9 .1	90.3	90.4	90.5	90.5	90.6	9 .6	9 .7
≥ 1500		3.1	83.3	8.6	89.7	89.8	91.5	92.2	92.4	92.7	92.9	92.9	92.9	93.	93.0	93.2
≥ 1200		1.7	85.	90.4	91.4	91.5	93.3	94.0	94.2	94.6	94.7	94.7	94.8	94.8	94.9	95.
≥ 1000		2.4	85.9	91.4	92.5	92.7	94.5	95.2	95.4	95.8	95.	95.9	96.0	96.0	96.0	96.2
≥ 900		2.7	86.2	91.9	93.1	93.1	95.1	95.8	95.9	96.3	96.4	96.5	96.5	96.6	96.6	96.7
≥ 800		2.9	86.4	92.2	93.3	93.5	95.4	96.2	96.4	96.7	96.8	96.9	96.9	97.	97.0	97.1
≥ 700		.1	86.6	2.6	93.7	93.9	95.9	96.7	96.9	97.3	97.4	97.4	97.4	97.5	97.5	97.7
≥ 600		3.1	86.6	92.6	93.8	94.0	96.1	96.9	97.1	97.5	97.6	97.6	97.7	97.7	97.8	97.9
≥ 500		3.1	86.7	92.8	94.1	94.3	96.5	97.4	97.6	98.0	98.1	98.2	98.2	98.3	98.3	98.4
≥ 400		3.1	86.7	92.8	94.2	94.4	96.6	97.6	97.8	98.2	98.4	98.5	98.5	98.6	98.6	98.7
≥ 300		3.1	86.7	92.8	94.2	94.4	96.7	97.8	98.1	98.6	98.8	98.9	99.	99.1	99.2	99.3
≥ 200		3.1	86.7	92.8	94.2	94.4	96.8	97.9	98.2	98.8	99.	99.2	99.2	99.5	99.5	99.7
≥ 100		3.1	86.7	92.8	94.2	94.4	96.8	97.9	98.2	98.8	99.0	99.2	99.3	99.5	99.6	100.0
≥ 0		3.1	86.7	92.8	94.2	94.4	96.8	97.9	98.2	98.8	99.0	99.2	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25'7" (STATION) ILDENHALL RAF (STATION NAME) 4-8" (YEARS) APR (MONTH)

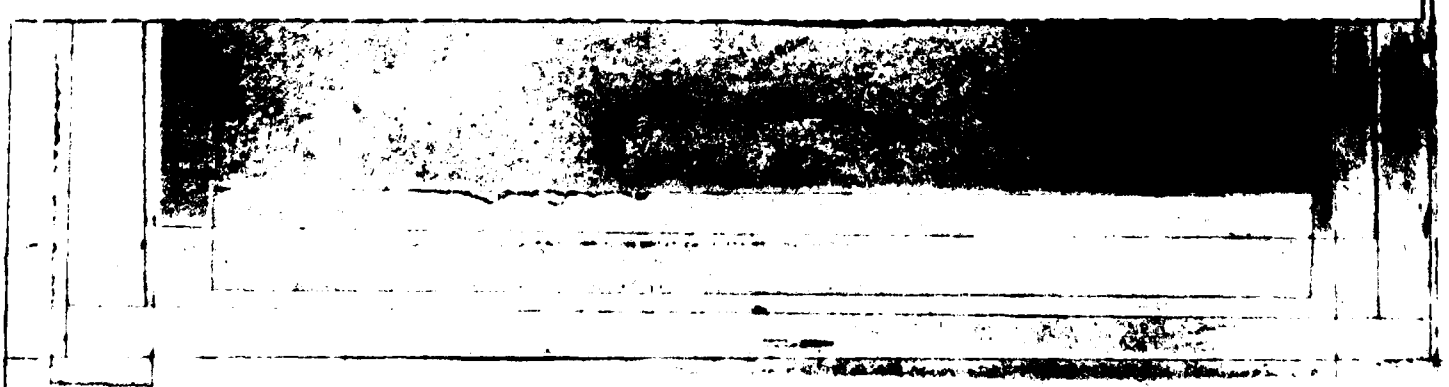
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)																
	≥10 FULL	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE48	≥5 GE4	≥4 GE3	≥3 GE24	≥2½ GE2	≥2 GE16	≥1½ GE1	≥1¼ GE10	≥1 GE8	≥¾ GE6	≥½ GE4	≥¼ GE2	≥0 GE0
NO CEILING		7 .3	37.7	45.3	46.5	46.6	49.7	51.1	51.1	51.7	52.	52.2	52.3	52.5	52.9	53.3	
≥ 20000		7 .9	41.5	47.6	48.8	48.9	52.6	54.	54.	54.6	54.9	55.1	55.2	55.4	55.8	56.3	
≥ 18000		7 .9	41.5	47.6	48.8	48.9	52.6	54.0	54.0	54.6	54.9	55.1	55.2	55.4	55.8	56.3	
≥ 16000		7 .9	41.5	47.6	48.9	48.9	52.9	54.0	54.0	54.6	54.9	55.1	55.2	55.4	55.8	56.3	
≥ 14000		7 .9	41.5	47.6	48.8	48.9	52.9	54.3	54.3	55.0	55.3	55.4	55.5	55.7	56.1	56.7	
≥ 12000		7 .9	41.5	47.7	48.9	49.	53.7	54.4	54.4	55.1	55.4	55.5	55.6	55.8	56.2	56.8	
≥ 10000		7 .9	42.4	48.7	51.7	50.1	54.1	55.5	55.5	56.2	56.6	56.7	56.8	57.	57.4	58.	
≥ 9000		8.5	43.4	49.9	51.1	51.2	55.2	56.6	56.6	57.3	57.6	57.7	57.8	58.1	58.5	59.	
≥ 8000		43.	46.7	53.5	54.8	55.1	59.2	60.6	60.6	61.5	61.8	62.0	62.2	62.4	62.8	63.3	
≥ 7000		4.5	47.5	54.4	55.8	55.9	6 .1	61.5	61.5	6 .4	62.7	62.9	63.0	63.2	63.7	64.2	
≥ 6000		74.6	47.6	54.5	55.9	56.	6 .2	61.6	61.6	62.5	62.8	63.	63.1	63.3	63.9	64.3	
≥ 5000		4 .6	48.9	56.8	58.2	58.3	62.9	64.	64.	64.8	65.2	65.4	65.5	65.7	66.1	66.7	
≥ 4500		.0	53.4	60.3	61.8	61.9	66.1	67.6	67.6	68.5	68.8	69.	69.1	69.4	69.8	7 .3	
≥ 4000		5 .6	61.3	69.1	7 .9	71.0	7 .6	77.1	77.1	78.1	78.4	78.6	78.7	78.9	79.4	79.9	
≥ 3500		.1	63.8	71.7	73.5	73.7	78.3	79.8	79.8	80.8	81.1	81.3	81.4	81.6	82.0	82.6	
≥ 3000		.7	65.6	74.	75.9	76.	8 .6	82.3	82.4	83.3	83.7	83.9	84.0	84.2	84.6	85.2	
≥ 2500		3.2	67.1	75.8	77.8	78.1	82.6	84.2	84.3	85.3	85.6	85.8	85.9	86.1	86.6	87.1	
≥ 2000		5.6	69.5	7 .5	80.5	80.6	85.9	87.1	87.2	88.2	88.5	88.7	88.8	89.	89.5	9 .0	
≥ 1800		5.7	69.8	78.8	8 .9	91.0	8 .0	87.7	87.8	88.8	89.1	89.4	89.5	89.7	9 .1	90.6	
≥ 1500		6.2	7 .2	79.2	81.4	81.5	86.6	88.3	88.4	89.	89.7	89.9	90.0	90.2	90.6	91.2	
≥ 1200		6 .1	71.3	8 .9	83.1	83.2	88.4	9 .1	91.2	91.2	91.5	91.7	91.8	92.0	92.5	93.0	
≥ 1000		6 .1	71.4	81.0	83.3	83.4	88.8	9 .9	91.	91.9	92.3	92.5	92.6	92.8	93.2	93.8	
≥ 900		6 .1	71.4	81.0	83.3	83.4	89.2	91.3	91.5	92.5	92.8	93.	93.1	93.3	93.8	94.3	
≥ 800		6 .3	71.6	81.2	8 .9	84.0	89.8	91.9	92.2	93.1	93.4	93.7	93.8	94.	94.4	95.1	
≥ 700		6 .5	71.8	81.4	84.1	84.2	9 .1	92.5	92.8	93.	94.1	94.3	94.4	94.6	95.1	95.7	
≥ 600		6 .5	71.8	81.9	84.7	84.8	91.3	93.4	93.9	94.8	95.2	95.4	95.5	95.7	96.1	96.8	
≥ 500		6 .7	72.1	82.2	85.1	85.2	91.6	93.9	94.3	95.3	95.6	95.8	95.9	96.1	96.6	97.2	
≥ 400		6 .1	72.0	82.2	85.1	85.2	91.8	94.1	94.5	95.5	95.8	96.	96.1	96.6	97.	97.6	
≥ 300		6 .7	72.	82.5	85.4	85.5	92.5	94.8	95.4	96.6	96.9	97.1	97.2	97.6	98.1	98.7	
≥ 200		6 .7	72.	82.5	85.4	85.5	92.5	94.9	95.5	96.7	97.0	97.2	97.3	97.8	98.7	99.4	
≥ 100		6 .7	72.	82.5	85.4	85.5	92.5	94.9	95.5	96.7	97.	97.2	97.3	98.0	99.0	100.0	
≥ 0		6 .7	72.0	82.5	85.4	85.5	92.5	94.9	95.5	96.7	97.	97.2	97.3	98.	99.0	100.	

TOTAL NUMBER OF OBSERVATIONS 5[illegible]

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



FL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25271 ILDENHALL RAF K 4-87 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1¾ GE28	≥1½ GE24	≥1 GE2	≥⅞ GE16	≥¾ GE12	≥⅝ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		24.	27.0	31.7	33.3	33.8	37.8	4 .4	41.	41.9	42.5	42.9	42.9	43.1	44.	45.8
≥ 20000		2 .5	28.9	34.0	35.7	36.2	40.6	43.3	44.	45.1	45.6	46.	46.0	46.2	47.6	49.
≥ 18000		2 .5	28.9	34.0	35.7	36.2	40.6	43.3	44.	45.1	45.6	46.	46.0	46.2	47.6	49.
≥ 6000		2 .5	28.9	34.	35.7	36.2	40.6	43.3	44.0	45.1	45.6	46.0	46.0	46.2	47.6	49.
≥ 14000		2 .5	28.9	34.	35.7	36.2	4 .8	43.4	44.	45.2	45.7	46.1	46.1	46.3	47.7	49.1
≥ 12000		2 .6	29.	34.1	35.8	36.3	4 .9	43.5	44.2	45.3	45.8	46.2	46.2	46.5	47.8	49.2
≥ 10000		2 .7	30.2	35.7	37.4	38.0	42.9	45.5	46.1	47.2	47.7	48.2	48.3	48.5	5 .0	51.4
≥ 9000		2 .2	30.	36.1	37.8	38.4	42.9	45.9	46.6	47.7	48.3	48.7	48.8	49.	50.5	51.9
≥ 8000		3 .	33.2	39.1	41.	41.5	46.2	49.2	49.9	51.1	51.7	52.4	52.5	52.7	54.2	55.7
≥ 7000		1.4	34.	39.9	41.7	42.4	47.1	5 .2	50.9	52.0	52.8	53.4	53.7	53.9	55.4	56.9
≥ 6000		1.4	34.1	39.9	41.7	42.4	47.1	5 .2	50.9	52.0	52.8	53.4	53.7	53.9	55.4	56.9
≥ 5000		3 .	34.5	40.5	42.6	43.2	48.0	51.1	51.7	52.9	53.7	54.3	54.5	54.7	56.2	57.7
≥ 4500		3 .	38.2	44.2	46.3	47.1	51.9	55.5	56.1	57.4	58.2	58.8	59.0	59.2	6 .8	62.3
≥ 4000		3.2	46.3	53.2	55.6	56.	61.6	65.3	65.9	67.5	68.3	68.9	69.1	69.4	7 .9	72.4
≥ 3500		4 .2	49.3	56.8	59.2	6 .1	65.5	69.1	69.8	71.	72.2	72.8	73.0	73.2	74.7	76.2
≥ 3000		4 .0	50.5	58.5	61.1	61.9	67.5	71.3	71.9	73.5	74.3	74.9	75.2	75.4	76.9	78.4
≥ 2500		4 .7	51.3	59.5	62.2	63.0	68.7	72.5	73.1	74.7	75.5	76.1	76.3	76.6	78.1	79.6
≥ 2000		4 .9	53.	62.0	64.8	65.7	71.9	75.7	76.3	7 .0	78.7	79.4	79.6	79.8	81.3	82.8
≥ 1800		.0	53.1	62.2	64.9	65.8	72.0	75.9	76.6	78.2	78.9	79.6	79.8	80.0	81.5	83.
≥ 1500		51.	55.9	64.7	68.	68.9	75.4	79.5	8 .1	81.7	82.5	83.1	83.3	83.5	85.1	86.6
≥ 1200		52.	57.	65.9	69.1	7 .1	76.6	8 .8	81.4	83.	83.8	84.4	84.6	84.8	86.3	87.8
≥ 1000		3.0	57.1	66.3	69.7	70.6	77.1	81.3	82.	83.7	84.4	85.1	85.3	85.5	87.	88.5
≥ 900		3.1	57.2	66.5	69.9	70.9	77.5	81.8	82.6	84.2	84.9	85.6	85.8	86.	87.5	89.
≥ 800		3.1	57.3	66.8	7 .2	71.2	78.4	82.7	83.4	85.1	85.8	86.5	86.7	86.9	88.4	9 .2
≥ 700		3.1	57.3	66.8	7 .2	71.2	78.7	83.2	84.	85.7	86.5	87.1	87.3	87.5	89.	90.9
≥ 600		3.2	57.4	66.9	7 .3	71.3	79.1	83.9	84.7	86.3	87.1	87.7	88.0	88.2	89.7	91.5
≥ 500		3.4	57.9	67.4	71.6	72.6	8 .4	85.3	86.1	87.7	88.5	89.1	89.4	89.6	91.1	92.9
≥ 400		3.4	5 .8	67.7	71.9	72.9	81.4	86.5	87.4	89.1	89.9	9 .5	90.8	91.	92.5	94.3
≥ 300		3.4	57.8	67.7	72.0	73.0	81.9	86.9	88.0	89.8	90.5	91.2	91.4	91.6	93.2	95.2
≥ 200		3.4	57.8	67.7	72.	73.1	81.9	87.1	88.	90.4	91.2	91.8	92.2	92.5	94.6	97.1
≥ 100		3.4	57.8	67.7	72.	73.1	81.9	87.1	88.2	9 .5	91.4	92.	92.4	93.0	95.3	99.7
≥ 0		3.4	57.8	67.7	72.0	73.0	81.9	87.1	88.2	9 .5	91.4	92.0	92.4	93.2	96.1	0.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GL AL CLIMATOLOGY BRANCH
FETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K | 4-87 | AUG
STATION | STATION NAME | YEARS | MONTH

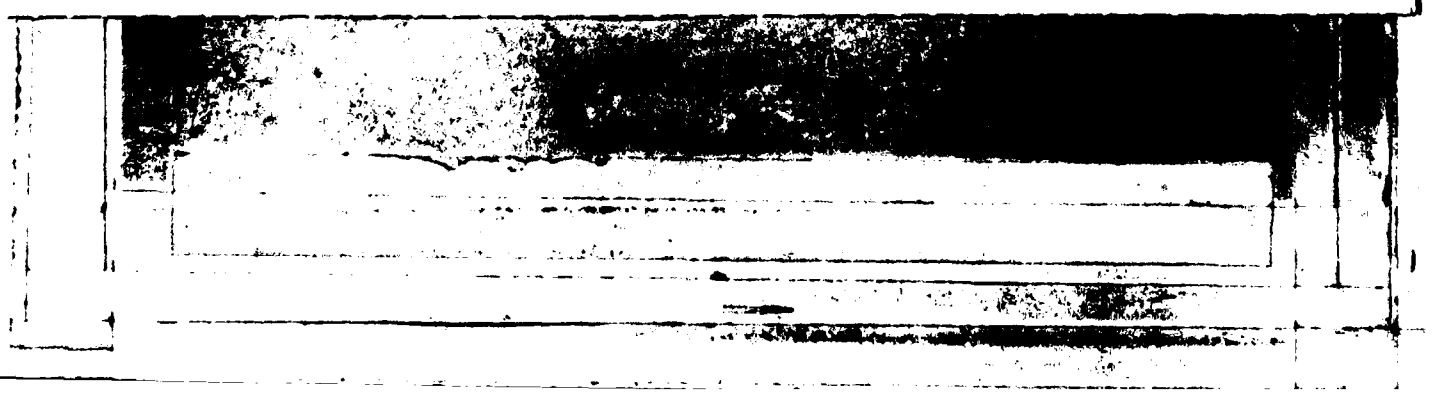
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2800
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS																
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¾ GE2.4	≥1½ GE2	GE1.6	GE1	GE.10	GE.09	≥⅜ GE.05	GE.04	≥0 GE0
NO CEILING		20.	22.3	23.4	3 .4	3 .8	32.6	34.4	34.9	35.9	36.6	36.6	36.9	37.	37.3	38.2
≥ 20000		23.	25.3	32.3	35.1	35.4	37.7	39.7	4 .3	41.3	41.9	42.	42.4	42.7	42.9	43.9
≥ 18000		23.	2 .9	32.9	35.1	35.4	37.7	39.7	40.3	41.3	41.9	42.	42.4	42.7	42.9	43.9
≥ 16000		23.	25.9	32.9	35.2	35.5	37.8	3 .8	40.4	41.4	42.0	42.2	42.5	42.8	43.	44.0
≥ 14000		23.	25.9	33.	35.3	35.6	38.	39.9	4 .5	41.5	42.2	42.3	42.6	42.9	43.1	44.1
≥ 12000		23.	26.1	33.2	35.5	35.8	38.2	4 .1	4 .8	41.7	42.4	42.5	42.8	4 .1	43.3	44.3
≥ 10000		25.	28.2	35.3	37.7	38.3	40.6	42.9	43.5	44.7	45.4	45.5	45.8	46.1	46.5	47.4
≥ 9000		2 .6	28.9	3 .5	39.0	39.6	42.0	44.4	45.1	46.2	46.9	47.	47.3	47.6	48.	48.9
≥ 8000		.2	31.6	39.7	4 .4	4 .9	45.5	48.0	48.8	50.3	51.0	51.1	51.4	51.7	52.2	53.1
≥ 7000		.1	32.3	4 .5	43.3	43.9	46.5	48.9	49.8	51.3	2.0	52.2	52.6	52.9	53.3	54.3
≥ 6000		0.1	32.5	4 .5	43.3	43.9	46.6	49.	49.9	51.4	52.2	52.3	52.7	53.0	53.4	54.4
≥ 5000		31.4	33.	42.2	45.2	45.7	48.6	51.2	52.	53.5	54.3	54.4	54.8	55.2	55.6	56.6
≥ 4500		3 .3	36.	45.4	48.4	48.9	52.0	54.8	55.7	57.2	58.	58.1	58.5	58.8	59.2	6 .2
≥ 4000		0.3	45.2	54.5	57.7	58.	61.6	64.4	65.3	67.2	68.0	69.2	68.6	68.9	69.5	7 .4
≥ 3500		44.	47.8	58.	61.2	61.7	65.2	68.1	68.9	70.9	71.	71.8	72.3	72.6	73.1	74.1
≥ 3000		4 .0	49.9	6 .4	63.8	64.3	67.8	7 .9	71.8	73.9	74.6	74.8	75.3	75.6	76.1	77.1
≥ 2500		4 .4	51.3	61.9	65.3	65.8	69.4	72.4	73.3	75.4	76.1	76.3	76.8	77.1	77.6	78.6
≥ 2000		.8	53.	64.8	68.3	68.8	72.7	75.7	76.7	78.7	79.5	79.7	8 .1	80.4	81.0	81.9
≥ 1800		.6	53.8	65.2	68.6	69.1	73.0	76.0	77.0	79.0	79.8	80.0	80.4	80.8	81.3	82.3
≥ 1500		2.7	55.9	68.	71.5	72.	76.	79.	8 .0	82.0	82.8	83.0	83.4	83.8	84.3	85.3
≥ 1200		4.3	57.3	69.5	73.1	73.7	77.8	91.2	32.2	84.2	84.9	85.2	85.6	86.0	86.7	87.6
≥ 1000		4.1	57.4	70.3	74.1	74.7	79.	82.5	83.5	85.6	86.3	86.6	87.	87.4	88.1	89.
≥ 900		4.5	5 .1	71.3	75.2	75.8	80.1	83.7	84.7	86.8	87.5	87.7	88.2	88.6	89.2	9 .2
≥ 800		54.7	58.4	71.7	75.6	76.2	80.6	84.3	85.4	87.5	88.3	88.5	88.9	89.4	9 .0	91.1
≥ 700		54.	58.6	72.3	76.3	77.	81.6	85.4	86.6	88.	89.5	89.7	90.1	90.5	91.2	92.3
≥ 600		54.0	58.9	72.7	77.	77.6	82.4	86.3	87.7	89.9	9 .6	9 .9	91.3	91.7	92.4	93.4
≥ 500		54.	59.1	72.9	77.4	78.1	83.	87.3	88.7	91.	91.7	91.9	92.4	93.	93.7	94.7
≥ 400		5 .1	59.1	73.0	77.5	78.2	83.2	87.8	89.4	91.9	92.7	93.1	93.5	94.2	94.9	96.
≥ 300		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.5	93.2	93.9	94.4	95.1	95.8	96.9
≥ 200		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.8	93.5	94.3	94.8	95.5	96.3	98.4
≥ 100		54.	59.1	73.	77.6	78.3	83.3	88.3	89.8	92.8	93.5	94.5	95.2	96.0	97.0	99.8
≥ 0		54.	59.1	73.0	77.6	78.3	83.3	98.3	89.8	92.8	93.5	94.5	95.2	96.	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



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

CEILING VERSUS VISIBILITY

15171 — STATION — ILDENHALL RAF K — STATION NAME — 4-87 — YEARS — [illegible] — MONTH

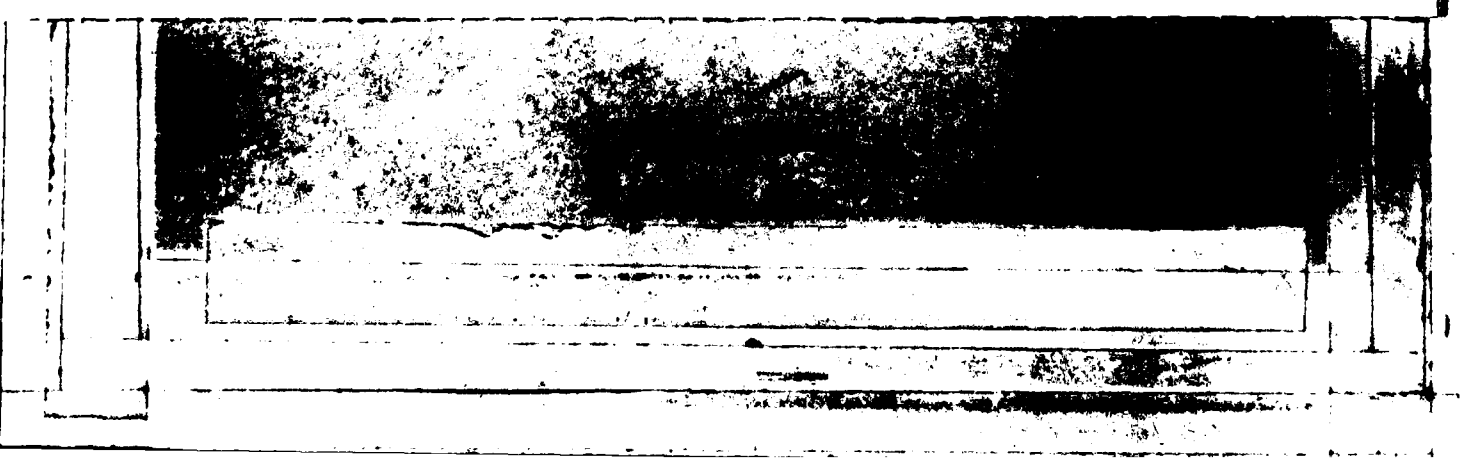
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-100 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 >16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		31.4	31.	34.7	35.1	35.2	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000		3 .1	36.8	40.3	40.9	41.0	41.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000		3 .	36.9	40.4	41.0	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000		3 .2	36.9	4 .4	41.	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000		3 .2	36.9	4 .4	41.0	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000		3 .5	37.1	4 .8	41.3	41.4	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		3 .2	39.8	42.7	43.2	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000		3 .8	40.5	44.5	45.2	45.3	45.5	46.0	46.0	46.0	46.	46.0	46.0	46.0	46.0	46.0
≥ 8000		2.4	43.2	47.3	48.	48.1	48.3	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000		43.	44.5	48.6	49.2	49.4	49.6	5 .2	50.	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000		4.1	44.7	49.	49.7	49.9	5 .0	50.6	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000		4 .0	47.7	51.3	51.9	52.0	52.3	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 4500		4 .1	50.1	54.5	55.3	55.4	55.6	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		5 .	57.1	62.	63.0	63.1	63.3	64.3	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6
≥ 3500		1.3	62.4	67.3	69.4	68.5	69.	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0
≥ 3000		6 .7	7 .0	75.5	76.6	76.7	77.2	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2
≥ 2500		2.2	73.4	79.2	80.4	80.5	81.1	81.7	81.7	81.9	81.9	82.	82.1	82.0	82.0	82.0
≥ 2000		.8	77.4	83.3	84.5	84.6	85.2	85.8	85.8	86.	86.0	86.1	86.1	86.1	86.1	86.1
≥ 1800		6.2	77.8	83.8	84.9	85.1	85.6	86.2	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 1500		7 .2	81.3	88.	89.2	89.4	9 .1	91.	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 1200		8.6	87.9	9 .0	91.5	91.7	92.7	94.	94.	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1000		1.1	83.3	91.1	92.7	93.	94.7	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
> 900		1.3	83.5	91.3	92.9	93.2	94.2	95.6	95.7	95.9	95.9	96.0	96.0	96.	96.0	96.0
≥ 800		1.7	84.	91.7	93.8	93.8	94.9	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 700		1.8	84.1	92.	94.0	94.4	95.6	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 600		1.8	84.1	92.	94.1	94.5	96.	97.4	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 500		1.8	84.1	92.0	94.1	94.5	96.3	98.1	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8
≥ 400		1.	84.1	92.0	94.1	94.5	96.5	98.4	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2
≥ 300		1.8	84.1	92.0	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 200		1.8	84.1	92.	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 100		1.8	84.1	92.	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	100.0	100.0	100.0
≥ 0		1.8	84.1	92.0	94.2	94.6	96.6	98.5	98.7	99.5	99.5	99.8	99.8	1 0.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 935

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25271 | HILDENHALL RAF UK | 74-82 | AUG
STATION | STATION NAME | YEARS | MONTH

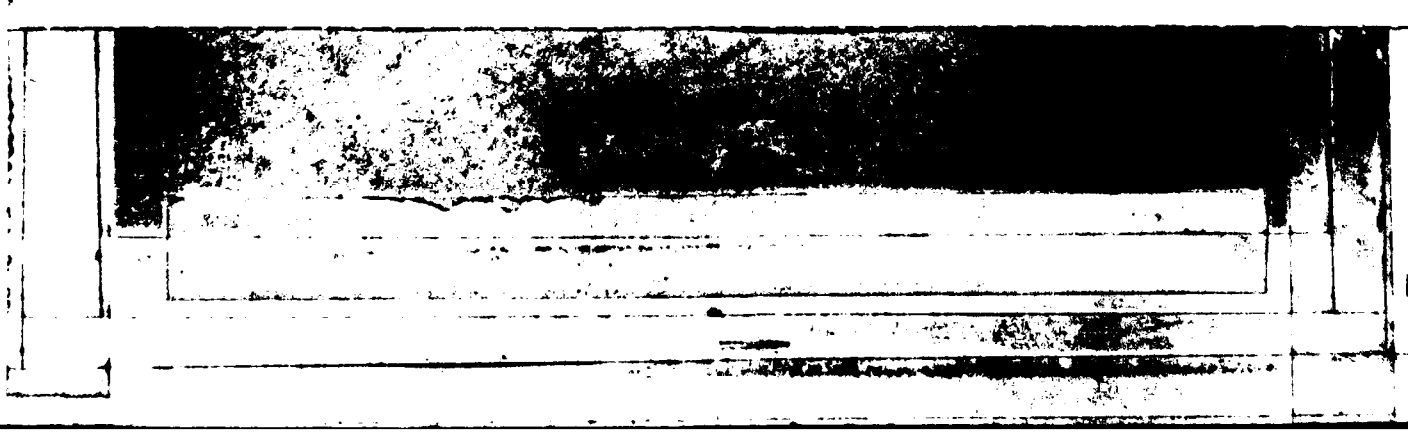
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10	≥9 GE9	≥5 GE3	≥4 GE6	≥3 GE4	≥2 GE4	≥1½ GE2	≥1¼ GE2	≥1 GE2	≥¾ GE1	≥½ GE1	≥⅜ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
NO CEILING		31.2	31.9	32.7	33.	33.	33.	33.	33.	33.	33.	33.0	33.0	33.0	33.0
≥ 20000		38.1	38.6	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000		38.5	39.1	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000		38.5	39.	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000		38.5	39.	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000		38.8	39.4	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 10000		38.8	40.4	41.7	42.0	42.0	42.	42.	42.	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000		41.1	41.7	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000		44.1	44.7	46.5	46.9	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.
≥ 7000		44.	45.4	47.1	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 6000		44.3	45.9	47.6	48.	48.0	48.	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000		44.4	48.1	49.8	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4500		53.5	54.2	55.9	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		62.7	63.3	65.2	65.5	65.6	66.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.
≥ 3500		71.7	72.6	74.5	74.8	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		77.2	80.5	82.7	83.	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500		83.9	85.3	87.8	88.2	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		86.	87.7	90.4	90.8	90.9	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800		86.1	87.8	90.6	91.	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500		87.2	88.9	92.5	92.9	93.	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200		88.6	90.8	94.9	95.7	95.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		89.6	91.7	95.9	96.7	96.9	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		89.8	91.9	96.1	96.9	97.1	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		89.8	91.9	96.1	97.1	97.3	98.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		89.8	91.9	96.1	97.2	97.4	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		89.8	91.9	96.1	97.2	97.4	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		89.9	92.1	96.2	97.4	97.6	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		89.9	92.0	96.2	97.4	97.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.9	92.	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.9	92.0	96.2	97.5	97.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 | ILDENHALL RAF K (STATION NAME) | 4-67 (YEARS) | 9 (MONTH)

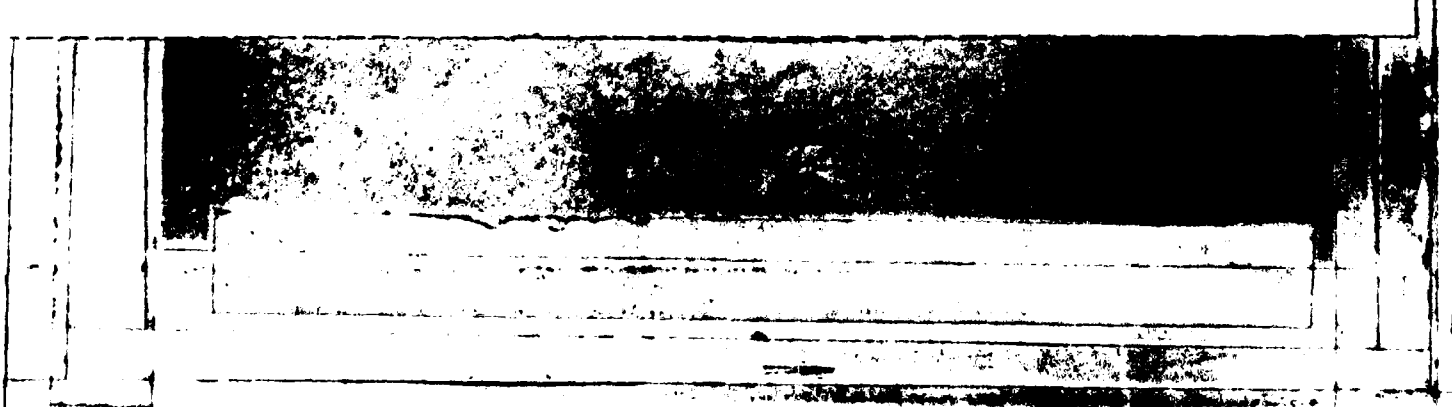
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE08	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING		32.7	32.6	33.2	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000		40.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000		40.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000		.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000		.2	40.5	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000		1.0	41.3	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 11000		45.1	46.2	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000		4 .5	46.9	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.	48.2	48.2	48.2	48.2	48.2
≥ 8000		4 .4	49.8	51.	51.1	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000		5 .	51.3	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 6000		1.6	52.	53.2	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000		5 .2	56.1	57.8	57.8	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500		4.1	64.9	65.	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4000		4.1	74.7	76.5	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500		7 .5	8 .1	82.2	82.4	82.4	82.8	82.9	82.9	8 .9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000		4.2	85.2	87.4	87.6	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		7.5	88.6	91.3	91.6	91.6	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		8 .	90.3	93.1	93.4	93.4	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800		8 .	90.1	93.1	93.4	93.4	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500		8 .6	91.	94.6	95.1	95.1	95.7	96.1	96.3	96.6	96.	96.6	96.6	96.6	96.6	96.6
≥ 1200		10.2	91.6	95.5	95.9	95.9	96.6	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		10.5	92.2	96.1	96.7	96.7	97.5	98.	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		.6	92.3	96.3	96.9	96.9	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		.9	92.5	96.6	97.1	97.2	98.2	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		1.	92.6	96.8	97.3	97.4	98.6	99.	99.2	99.6	99.6	9 .6	99.6	99.6	99.6	99.6
≥ 600		1.0	92.6	96.9	97.5	97.6	98.8	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		1.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		1.	92.7	97.1	97.6	97.7	98.9	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		1.	92.7	97.1	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		1.0	92.7	97.	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		1.0	92.7	97.0	97.6	97.7	98.9	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



CL AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15 7 | ILDENHALL RAF K | 4-8 | A
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥3/16 GE05	≥0 GE04	≥0 GE00
NO CEILING		3 .6	38.2	39.8	4 .2	40.2	40.2	40.2	4 .2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000		4.2	44.8	47.0	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000		4.3	44.8	47.0	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000		4.2	44.8	47.	47.5	47.5	47.	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000		4.2	44.8	47.	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000		4 .3	45.3	47.4	48.	48.	48.2	48.2	48.2	48.2	48.2	48.2	48.	48.2	48.2	48.2
≥ 10000		4 .1	49.8	52.0	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000		.1	51.0	53.2	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000		4.1	55.1	57.7	58.4	8.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000		5.7	56.8	59.5	6 .1	6 .1	6 .5	6 .9	61.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 6000		5 .3	57.1	59.8	6 .4	6 .4	6 .9	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 5000		.3	61.5	64.3	65.1	65.1	65.5	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500		.5	65.9	68.8	69.7	69.7	70.2	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000		3.5	75.4	78.8	79.8	79.8	80.3	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500		7 .6	8 .5	84.5	85.5	85.5	86.1	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000		1.2	83.1	87.2	88.2	88.2	88.9	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		2.7	84.7	89.2	90.2	90.2	91.	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	9 .9
≥ 2000		4.0	86.0	90.8	91.7	91.7	92.5	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		4.3	86.3	9 .1	92.0	92.0	92.9	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		4.8	87.	92.2	93.1	93.1	94.	95.	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		5.9	88.1	93.7	94.7	94.7	95.6	96.7	97.	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		6.5	88.7	94.4	95.5	95.5	96.3	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		6.3	88.8	94.6	95.7	95.7	96.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		6.6	88.8	94.6	95.9	95.9	96.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		6.7	89.	94.9	96.2	96.2	97.3	98.6	99.1	99.	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		6.7	89.0	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		6.7	89.0	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		6.7	89.	94.9	96.2	96.2	97.4	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		6.7	89.3	95.1	96.3	96.3	97.5	98.8	99.4	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 33

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

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

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible] K — 4-6[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

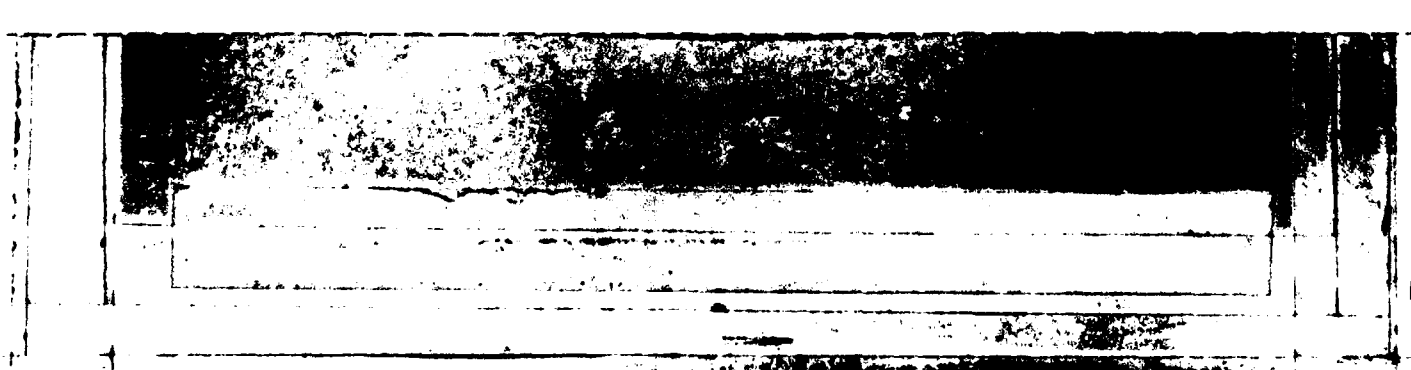
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR [illegible] HUNDREDS [illegible] METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1 GE2	≥¾ GE1.6	≥½ GE1	≥¼ GE.8	≥⅛ GE.3	≥5/16 GE.25	≥0 GE.2	≥0 GE0
NO CEILING		[illegible]4.3	46.5	51.	51.7	51.7	52.[illegible]	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	[illegible]2.7
≥ 20000		4 .3	48.7	54.3	55.3	55.3	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000		4 .[illegible]	48.7	54.3	55.3	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000		4 .3	48.7	54.3	55.3	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000		4 .3	49.7	54.3	55.4	55.4	56.2	56.5	56.6	56.6	56.[illegible]	56.6	56.6	56.6	56.6	56.6
≥ 12000		4 .7	49.0	54.6	55.7	55.7	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000		4 .3	50.6	56.2	57.3	57.3	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000		4 .1	51.9	57.4	58.5	58.5	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000		2.6	55.7	61.9	63.2	63.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000		3.1	56.2	62.5	63.8	63.8	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000		3.5	56.7	62.9	64.2	64.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000		5 .7	59.8	66.1	67.5	67.5	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 4500		[illegible]0.9	63.9	[illegible]0.5	71.9	71.9	73.0	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.[illegible]
≥ 4000		6 .7	71.9	78.9	8 .4	80.	81.5	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 3500		.8	75.1	82.4	83.9	83.9	84.9	85.3	85.6	85.7	85.	85.7	85.7	85.7	85.7	85.9
≥ 3000		3.3	77.6	85.2	86.7	86.7	87.8	88.2	88.5	88.6	88.6	88.6	88.6	88.6	8[illegible].6	88.8
≥ 2500		4.6	79.7	86.9	88.7	88.7	89.9	9 .3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.[illegible]
≥ 2000		6.	81.2	89.5	91.3	91.3	92.8	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.1
≥ 1800		6.5	81.3	89.7	91.5	[illegible] .5	93.0	93.7	[illegible]4.0	94.1	94.1	94.1	94.1	94.1	94.1	94.3
≥ 1500		[illegible]7.3	82.2	9 .6	92.5	92.5	94.	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.5
≥ 1200		[illegible]7.6	82.6	91.3	93.1	93.1	94.6	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1
≥ 1000		7.8	82.9	91.7	93.5	93.5	95.1	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
≥ 900		[illegible]7.8	82.8	91.7	93.5	93.5	95.2	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7
≥ 800		7 .3	83.2	92.2	94.3	94.3	96.1	[illegible]7.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 700		7 .4	83.4	93.	95.2	95.2	97.	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 600		7 .4	83.4	93.3	95.5	95.5	97.4	98.6	98.9	99.	99.	99.0	99.0	99.0	99.2	99.2
≥ 500		7 .4	83.4	93.3	95.5	95.5	97.4	98.6	98.9	99.	99.	99.	99.0	99.	99.	99.2
≥ 400		7 .4	83.4	93.3	95.5	95.5	97.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 300		7 .4	83.4	93.3	95.5	95.5	97.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 200		7 .4	83.4	93.3	95.5	95.5	97.5	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 100		7 .5	83.5	93.5	95.7	95.7	97.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.[illegible]	100.0
≥ 0		7 .5	83.5	93.5	95.7	95.7	97.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	1 0.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

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



CL TAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35?7 | ILDENHALL RAF K (STATION / STATION NAME) | 4-8? (YEARS) | A (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (IN NEEDS OF METERS)																
	≥10	≥9	≥5 9	≥4 0	≥3 4 8	≥2 4 0	≥2 2 1 2	≥1 2 4	≥1 2	≥1 1 6	≥1 1 2	≥1	≥7 8	≥5 8	≥4	≥3
NO CEILING		2.	33.7	37.1	37.9	38.	39.3	40.1	40.3	40.6	40.8	40.9	40.9	41.	41.3	41.6
≥ 20000		3 .7	38.2	42.1	43.1	43.2	44.7	45.5	45.7	46.0	46.2	46.3	46.4	46.5	46.7	47.1
≥ 18000		36.	39.	42.2	43.1	43.3	44.8	45.6	45.8	46.1	46.3	46.4	46.4	46.5	46.8	47.2
≥ 16000		36.	39.3	42.2	43.1	43.3	44.8	45.6	45.8	46.1	46.3	46.4	46.5	46.5	46.8	47.2
≥ 14000		36.	39.	42.2	43.2	43.3	44.	45.7	45.9	46.2	46.4	46.5	46.5	46.6	46.9	47.2
≥ 12000		3 .1	39.6	42.5	43.5	43.6	45.2	46.0	46.2	46.5	46.7	46.8	46.9	46.9	47.2	47.6
≥ 10000		.3	4 .9	44.9	45.9	46.1	47.6	48.6	48.7	49.1	49.3	49.4	49.4	49.5	49.8	50.2
≥ 9000		0.2	41.9	46.1	47.1	47.2	48.8	49.8	49.9	5 .3	50.5	50.6	5 .7	50.8	51.0	51.4
≥ 8000		3.3	45.1	49.6	50.7	50.9	52.5	53.6	53.8	54.2	54.4	54.6	54.6	54.7	55.	55.4
≥ 7000		4.	46.1	50.6	51.7	51.9	53.6	54.6	54.9	55.3	55.6	55.7	55.8	55.9	56.2	56.5
≥ 6000		4.3	46.3	5 .9	52.1	52.2	53.9	55.0	55.2	55.7	55.9	56.0	56.1	56.2	56.5	56.9
≥ 5000		4 .	49.9	53.6	54.8	55.	56.7	57.8	58.	58.5	8.8	58.9	59.0	59.1	59.4	59.8
≥ 4500		1.4	53.3	58.2	59.4	59.6	61.4	62.6	62.9	63.4	63.6	63.7	63.8	63.9	64.2	64.6
≥ 4000		5 .6	61.9	67.3	68.7	68.9	70.9	72.1	72.4	73.	73.2	73.4	73.5	73.6	73.9	74.3
≥ 3500		4.1	66.5	2.2	73.6	73.8	75.8	77.1	77.4	78.0	78.2	78.4	78.5	78.5	78.9	79.3
≥ 3000		6 .8	7 .3	76.4	77.8	78.1	80.2	1.5	81.7	82.4	82.6	82.8	82.8	82.9	83.3	83.7
≥ 2500		.1	73.6	79.	80.6	80.8	82.9	84.2	84.5	85.1	85.4	85.5	85.6	85.7	86.0	86.4
≥ 2000		2.2	74.9	91.6	83.2	83.4	85.7	87.1	87.4	88.1	88.3	88.4	88.5	88.6	83.9	89.3
≥ 1800		3.3	75.1	31.8	83.4	83.6	86.	87.4	87.7	88.4	88.6	88.8	88.8	88.9	89.2	89.7
≥ 1500		3.	76.5	83.7	85.5	85.7	88.1	89.8	90.1	90.8	91.	91.1	91.2	91.3	91.6	92.
≥ 1200		4.6	77.7	85.	87.0	87.3	89.8	91.6	91.9	92.6	92.8	92.9	93.	93.1	93.5	93.9
≥ 1000		5.	78.1	95.9	87.8	88.1	9 .6	92.5	92.8	93.5	93.7	93.9	94.0	94.1	94.4	94.8
≥ 900		5.1	78.3	96.1	88.	88.3	91.7	92.9	93.3	93.9	94.2	94.3	9 .4	94.5	94.8	95.2
≥ 800		5.3	78.5	96.4	88.4	88.7	91.6	93.5	93.9	94.6	94.8	95.	95.1	95.2	95.5	96.
≥ 700		.4	78.6	96.7	88.8	89.1	92.2	94.2	94.6	95.3	95.6	95.7	95.8	95.9	96.2	96.7
≥ 600		5.4	78.7	86.9	89.1	89.4	92.6	94.6	95.1	95.9	96.1	96.2	96.3	96.4	96.8	97.2
≥ 500		5.5	78.8	87.	89.4	89.7	93.	95.1	95.6	96.3	96.6	96.7	96.8	97.0	97.3	97.8
≥ 400		5.5	78.8	87.1	89.4	89.7	93.2	95.4	96.	96.8	97.	97.2	97.3	97.5	97.8	98.3
≥ 300		5.5	78.8	87.1	89.5	89.8	93.3	95.7	96.2	97.1	97.4	97.6	97.7	97.9	98.2	98.7
≥ 200		5.5	78.8	87.1	89.5	89.8	93.4	95.7	96.3	97.3	97.6	97.8	97.9	98.1	98.6	99.3
≥ 100		5.5	78.8	87.1	89.5	89.9	93.4	95.7	96.3	97.4	97.6	97.9	98.	98.3	99.	99.9
≥ 0		5.5	78.8	87.1	89.6	89.9	93.4	95.9	96.3	97.4	97.6	97.9	98.1	98.4	99.	100.0

TOTAL NUMBER OF OBSERVATIONS 7885

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

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5577 ILDENHALL RAF K 4-87 SEP
STATION STATION NAME YEARS MONTH

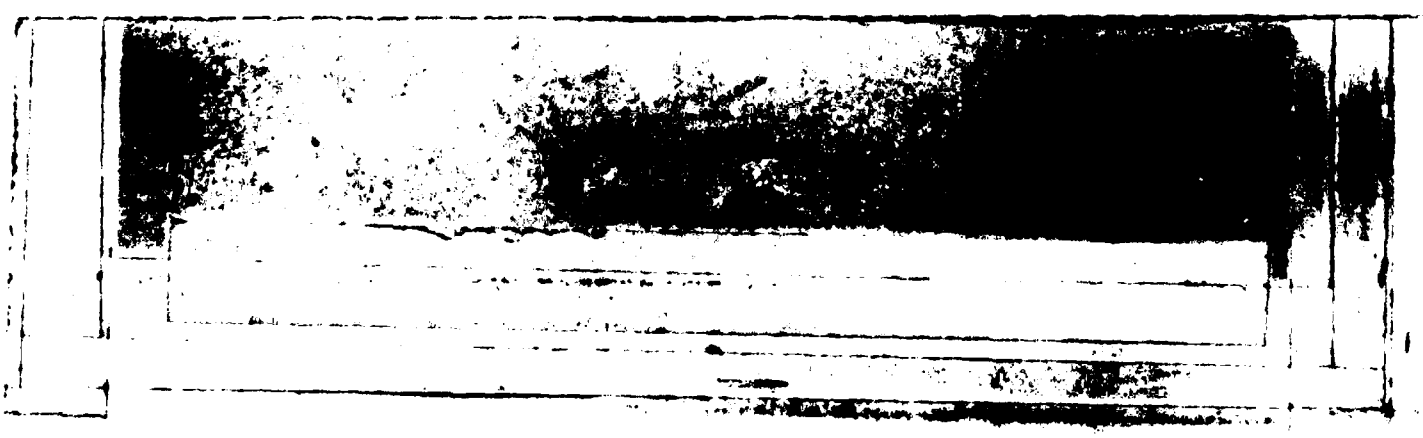
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS METERS)															
	≥10 GE9	≥6 GE9	≥5 GE8	≥4 GE5	≥3 GE4	≥2½ GE3	≥2 GE3	≥1½ GE2	≥1¼ GE2	≥1 GE1	≥¾ GE1	≥½ GE1	≥¼ GE0	≥5/16 GE0	≥¼ GE0	≥0 GE0
UNLIMITED		3 .0	38.6	44.9	46.3	46.8	48.9	49.4	49.8	5 .0	50.3	5 .0	50.3	50.6	50.7	50.8
≥ 20000		4 .4	42.2	49.2	50.7	51.1	53.4	54.	54.3	54.7	54.7	54.7	55.	55.2	55.3	55.4
≥ 18000		4 .	42.3	49.3	50.8	51.2	53.6	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 16000		4 .	42.3	49.3	5 .8	51.2	53.6	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 14000		4 .	42.3	49.3	5 .8	51.2	53.6	54.1	54.4	54.8	54.8	54.8	55.1	55.3	55.4	55.6
≥ 12000		4 .5	42.4	49.4	5 .9	51.3	53.7	54.2	54.6	54.9	54.9	54.9	55.2	55.4	55.6	55.7
≥ 11000		2.1	44.1	51.4	52.9	53.3	55.7	56.2	56.9	57.2	57.2	57.2	57.6	57.9	58.	58.1
≥ 10000		4 .1	44.9	52.2	53.9	54.3	57.1	57.9	58.6	59.0	59.	59.0	59.3	59.7	59.8	59.9
≥ 9000		4 .3	48.3	56.2	58.7	58.4	61.3	62.1	62.8	63.2	63.2	63.2	63.6	63.9	64.	64.1
≥ 8000		46.	48.9	56.8	58.8	59.2	62.1	62.9	63.6	6 .0	64.0	64.0	64.3	64.7	64.8	64.9
≥ 7000		4 .2	49.3	57.2	59.2	59.7	62.6	63.3	64.	64.4	64.4	64.4	64.8	65.1	5.2	65.3
≥ 6000		4 .2	51.1	59.3	61.3	61.8	64.7	65.4	66.1	66.6	66.6	66.6	66.9	67.2	67.3	67.4
≥ 5000		3.6	5 .7	64.7	66.8	67.2	70.1	70.9	71.6	72.0	72.	72.0	72.3	72.7	72.8	72.9
≥ 4500		5 .7	62.1	71.2	73.3	73.8	76.8	77.9	78.6	79.0	79.0	79.0	79.3	79.7	79.8	79.9
≥ 4000		5.6	65.3	74.8	76.9	77.3	8 .9	82.	82.7	83.1	83.1	83.1	83.4	83.8	83.9	84.
≥ 3500		5.1	68.1	78.	8 .1	80.6	84.1	85.2	85.9	86.3	86.3	86.3	86.7	87.2	87.1	87.2
≥ 3000		6 .1	70.1	80.3	82.4	82.9	86.4	87.6	88.2	88.7	88.7	88.7	89.	89.3	89.4	89.6
≥ 2500		6 .2	72.1	8 .4	84.6	85.0	88.7	89.8	90.4	90.9	9 .9	9 .9	91.2	91.6	91.7	91.8
≥ 2000		6 .2	72.1	82.4	84.6	85.0	88.1	8 .8	90.4	90.9	90.9	90.9	91.2	91.6	91.7	91.8
≥ 1800		7 .4	73.4	84.4	86.7	87.1	9 .9	92.6	93.	93.7	93.7	93.7	94.0	94.3	94.4	94.6
≥ 1600		7.7	73.7	84.8	87.8	87.9	92.	92.7	94.3	94.8	94.8	94.8	95.1	95.4	95.6	95.7
≥ 1400		7 .9	73.9	85.0	87.7	88.1	92.2	94.3	95.	95.4	95.4	95.4	95.8	96.1	96.2	96.3
≥ 1200		7 .9	73.	85.1	87.9	88.3	92.6	94.7	95.3	95.8	95.8	95.8	96.1	96.4	96.6	96.7
≥ 1000		7 .9	73.9	85.	89.0	88.4	92.7	94.8	95.4	95.9	95.9	95.9	96.2	96.6	96.7	96.8
≥ 900		1.2	74.4	85.8	88.7	89.1	93.6	95.7	96.3	96.8	96.8	96.8	97.1	97.4	97.6	97.7
≥ 800		1.2	74.4	85.9	88.8	89.2	93.7	95.8	96.4	96.9	96.9	96.9	97.2	97.7	97.8	97.9
≥ 700		1.2	74.4	86.1	89.0	89.4	94.1	96.3	97.	97.7	97.7	97.7	98.	98.4	98.6	98.7
≥ 600		1.3	74.6	86.2	89.1	89.6	94.2	96.4	97.1	97.8	97.8	97.8	98.1	98.6	98.7	98.8
≥ 500		1.3	74.6	86.2	89.1	89.6	94.2	96.4	97.2	98.1	98.1	98.1	98.4	98.9	99.	99.1
≥ 400		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.2	98.7	99.1	99.2	99.3
≥ 300		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.2	98.7	99.1	99.2	99.8
≥ 200		1.3	74.6	86.2	89.1	89.6	94.3	96.6	97.3	98.2	98.2	98.3	98.8	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 970

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19[illegible] | ILDENHALL RAF [illegible] | [illegible]-6[illegible] | [illegible] P
STATION | STATION NAME | YEARS | MONTH

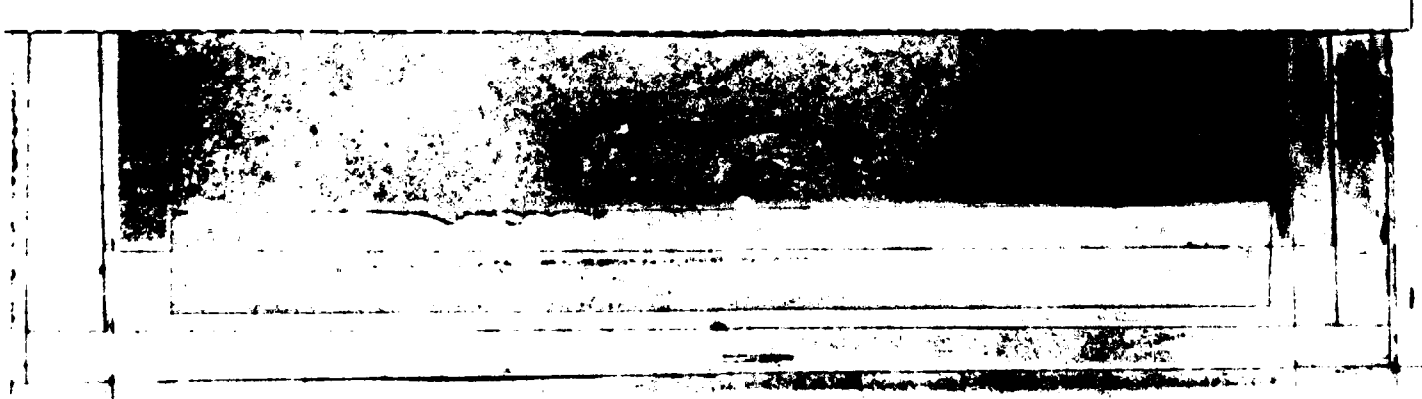
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-2[illegible]
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (50)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥2 GE2	≥1½ GE24	≥1 GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥½ GE08	≥⅜ GE6	≥¼ GE04	≥0 GE0
NO CEILING		[illegible].4	31.4	36.9	37.7	38.	[illegible].7	41.6	42.	42.4	42.4	43.1	43.4	44.	44.3	45.[illegible]
≥ 20000		[illegible].	35.0	41.0	41.[illegible]	42.3	45.2	46.2	46.9	47.3	47.3	48.	48.3	49.[illegible]	49.2	49.9
≥ 18000		[illegible].[illegible]	35.[illegible]	41.0	41.[illegible]	42.3	45.2	46.2	46.8	47.3	47.3	48.[illegible]	48.3	49.[illegible]	49.2	49.9
≥ 16000		30.[illegible]	35.	41.0	41.9	4[illegible].3	45.2	46.2	46.8	47.3	47.3	48.0	48.3	49.[illegible]	49.2	49.9
≥ 14000		32.	35.	41.0	41.9	42.3	45.2	46.2	46.8	47.3	47.3	48.0	48.3	49.[illegible]	49.2	49.9
≥ 12000		[illegible].1	35.2	41.2	42.1	42.6	45.4	46.4	47.	47.6	47.6	48.2	48.6	49.2	49.4	50.1
≥ 10000		[illegible]3.[illegible]	36.0	42.3	43.2	43.7	46.[illegible]	47.8	48.4	49.[illegible]	49.[illegible]	49.7	5[illegible].0	50.7	50.9	51.6
≥ 9000		3[illegible].[illegible]	[illegible]6.1	42.4	43.4	43.[illegible]	47.4	48.6	49.2	49.9	49.9	5[illegible].6	5[illegible].9	51.6	51.8	52.4
≥ 8000		3[illegible].[illegible]	39.1	45.[illegible]	47.[illegible]	47.4	[illegible]1.0	52.1	52.8	53.4	53.4	54.1	54.6	55.2	55.4	56.1
≥ 7000		3[illegible].2	39.4	46.2	47.7	48.1	51.7	52.8	53.4	54.1	54.1	54.8	55.2	55.9	56.1	56.8
≥ 6000		[illegible].[illegible]	39.6	46.[illegible]	48.1	48.6	52.1	[illegible]3.2	53.9	54.6	54.6	55.2	55.[illegible]	56.[illegible]	56.6	57.2
≥ 5000		3[illegible].[illegible]	41.0	48.4	49.9	50.3	53.[illegible]	55.	55.7	56.3	56.3	57.	57.4	58.1	58.3	59.
≥ 4500		[illegible]4.[illegible]	[illegible]6.[illegible]	[illegible]5.1	56.8	57.2	61.2	62.6	63.2	63.9	63.9	64.6	65.[illegible]	65.7	65.9	66.6
≥ 4000		.2	52.[illegible]	61.6	63.3	63.[illegible]	67.[illegible]	[illegible]9.4	70.1	70.8	70.8	71.4	71.9	72.6	72.8	73.4
≥ 3500		52.	55.[illegible]	64.8	66.6	67.	71.2	72.8	73.4	74.1	74.1	74.8	75.2	75.9	76.1	76.8
≥ 3000		5 .[illegible]	57.9	69.3	71.3	71.8	76.2	77.9	78.[illegible]	79.3	79.3	8 .0	8 .4	81.1	81.3	82.[illegible]
≥ 2500		5 .[illegible]	63.2	72.[illegible]	74.[illegible]	74.4	79.[illegible]	[illegible] .6	81.[illegible]	82.	82.[illegible]	82.7	83.1	83.9	84.1	84.8
≥ 2000		.2	64.[illegible]	[illegible].1	77.2	77.7	82.1	83.9	84.7	85.3	85.3	86.	86.4	87.2	87.4	88.1
≥ 1800		[illegible]1.[illegible]	65.2	75.7	77.8	78.2	83.[illegible]	[illegible]4.4	85.2	85.9	85.9	86.6	87.[illegible]	87.8	88.[illegible]	88.7
≥ 1500		3.6	67.	77.8	8[illegible].1	[illegible].6	85.1	[illegible]6.9	87.[illegible]	88.8	88.8	[illegible]9.4	89.9	90.7	90.9	91.6
≥ 1200		63.[illegible]	67.3	78.2	8 .6	[illegible]1.[illegible]	85.9	[illegible]7.7	88.6	89.6	89.6	9 .2	[illegible]7.7	91.4	91.[illegible]	92.3
≥ 1000		4.3	67.8	78.7	81.0	[illegible]1.4	86.4	88.3	89.[illegible]	9 .2	[illegible]0.2	9 .9	91.3	92.1	[illegible]2.3	93.[illegible]
≥ 900		[illegible]4.4	67.9	[illegible]7.8	81.1	[illegible]1.6	86.9	[illegible]9.0	89.9	90.9	9 .9	91.6	92.[illegible]	92.8	93.	93.7
≥ 800		[illegible]4.[illegible]	68.2	79.6	81.9	[illegible]2.3	87.[illegible]	[illegible]8.8	90.7	91.7	91.7	92.3	92.8	93.6	93.8	94.4
≥ 700		[illegible]4.3	[illegible]8.2	79.8	82.1	[illegible]2.6	88.	[illegible]9.1	91.[illegible]	92.1	92.1	[illegible]2.8	93.2	94.0	94.2	94.9
≥ 600		[illegible]4.[illegible]	69.2	8 .1	82.4	[illegible]2.9	88.3	9 .4	91.3	92.4	92.4	93.1	93.6	[illegible]4.3	94.6	95.2
≥ 500		[illegible]4.9	68.2	80.3	83.1	[illegible]3.6	89.3	91.6	92.4	93.6	93.6	[illegible]4.2	[illegible]4.7	95.4	95.7	96.3
≥ 400		5.1	68.6	[illegible]0.8	83.6	[illegible]4.0	89.9	92.1	93.[illegible]	94.2	94.2	94.9	95.3	96.1	96.3	97.[illegible]
≥ 300		5.1	68.6	8 .8	83.7	[illegible]4.1	[illegible]9.[illegible]	[illegible]2.2	93.1	[illegible]4.4	[illegible]4.6	95.2	95.7	96.7	96.9	97.6
≥ 200		5.1	68.6	8 .8	83.7	[illegible]4.1	9 .[illegible]	92.2	93.	[illegible]4.7	[illegible]4.	95.4	95.9	96.9	97.2	97.9
≥ 100		[illegible]5.1	68.6	8 .8	83.7	[illegible]4.1	9 .[illegible]	92.2	93.1	[illegible]4.7	[illegible]4.8	95.4	96.[illegible]	97.[illegible]	97.3	99.1
≥ 0		[illegible]5.1	68.6	80.8	83.7	[illegible]4.1	9 .[illegible]	92.2	93.1	94.9	95.	95.7	96.2	97.2	97.8	1 0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]70

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



CLIMATIC CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15277 ILDENHALL RAF, K 4-8 [illegible]
STATION STATION NAME YEARS MONTH

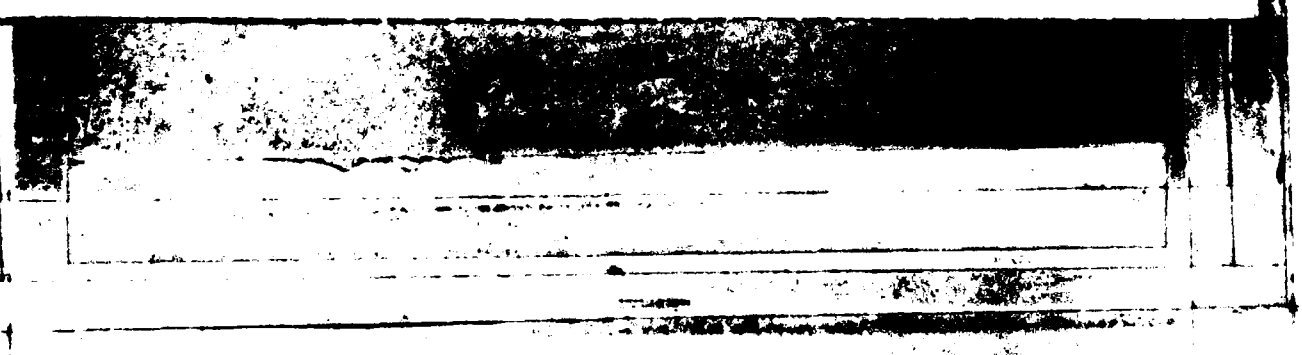
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10 [illegible]	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1¾ GE24	≥1½ GE2	≥1 GE16	≥¾ GE12	≥½ GE10	≥⅜ GE09	≥5/16 GE08	≥¼ GE04	≥0 GE00
NO CEILING	[illegible]	2 .1	25.4	29.0	3 .1	[illegible] .2	31.4	32.9	33.7	35.	35.4	35.6	35.8	35.9	35.9	35.6
≥ 20000	[illegible]	2 .0	30.	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.	44.0	44.9
≥ 18000	[illegible]	2 .0	30.3	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.	44.0	44.9
≥ 16000	[illegible]	2 .	30.3	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.0	44.0	44.9
≥ 14000	[illegible]	2 .	30.3	36.2	37.3	37.4	38.8	40.3	41.3	42.8	43.2	43.4	43.8	44.0	44.0	44.9
≥ 12000	[illegible]	.1	31.	36.4	37.7	37.8	39.1	40.7	41.7	43.1	43.6	43.8	44.1	44.3	44.3	45.2
≥ 10000	[illegible]	1.0	33.0	38.4	39.9	40.0	41.4	43.1	44.2	45.9	46.3	46.6	46.9	47.1	47.1	48.1
≥ 9000	[illegible]	3 .	33.7	39.2	40.7	40.8	42.2	43.8	45.0	46.7	47.1	47.3	47.7	47.9	47.9	48.9
≥ 8000	[illegible]	3 .3	37.7	43.7	45.2	45.3	46.8	48.3	49.9	51.7	52.1	52.3	52.7	52.9	52.9	53.9
≥ 7000	[illegible]	35.	38.2	44.3	45.9	46.1	47.7	49.2	5 .8	5 .6	53.0	53.2	53.6	53.8	53.8	54.9
≥ 6000	[illegible]	35.	38.4	44.6	46.1	46.3	47.9	49.4	51.	52.8	53.2	53.4	53.8	54.0	54.0	55.0
≥ 5000	[illegible]	3 .0	39.9	46.1	47.7	47.9	49.4	51.	52.6	54.6	55.	55.3	55.7	55.9	55.9	56.9
≥ 4500	[illegible]	1.4	44.7	51.7	53.4	53.7	55.4	57.1	58.8	61.2	61.7	62.	62.3	62.6	62.6	63.6
≥ 4000	[illegible]	45.	49.3	56.9	59.1	59.6	61.9	63.8	65.7	68.1	68.6	68.9	69.2	69.4	69.4	70.4
≥ 3500	[illegible]	4 .1	52.	59.8	62.0	62.6	64.9	66.8	68.7	71.1	71.	71.9	72.2	72.4	72.4	73.4
≥ 3000	[illegible]	4 .9	53.9	62.2	64.6	65.1	67.6	69.4	71.4	73.9	74.3	74.7	75.	75.3	75.3	76.3
≥ 2500	[illegible]	52.	56.7	65.7	68.1	68.7	71.1	73.	75.	77.4	77.9	78.2	78.6	78.9	78.9	79.9
≥ 2000	[illegible]	4.6	58.1	67.7	70.2	70.8	73.3	75.2	77.3	79.8	8 .2	8 .6	80.9	81.2	81.2	82.2
≥ 1800	[illegible]	54.	59.	68.1	7 .9	71.3	73.9	75.8	77.9	80.3	80.8	81.1	81.4	81.9	81.8	82.8
≥ 1500	[illegible]	5 .7	61.1	7 .6	73.2	73.8	76.4	78.4	8 .8	83.3	83.	84.3	84.7	85.0	85.0	86.0
≥ 1200	[illegible]	5 .4	62.9	72.7	75.7	76.3	79.	81.2	83.9	86.4	86.9	87.4	87.8	88.1	88.1	89.1
≥ 1000	[illegible]	5 .1	63.9	73.8	76.8	77.4	8 .3	82.7	85.4	88.1	88.7	89.2	89.6	89.9	89.9	9 .9
≥ 900	[illegible]	5 .	64.7	74.6	77.6	78.2	81.1	83.4	86.2	89.1	89.7	9 .2	90.6	90.9	90.9	91.9
≥ 800	[illegible]	5 .9	65.4	75.7	78.7	79.3	82.2	84.6	87.3	90.2	90.8	91.3	91.7	92.0	92.0	93.0
≥ 700	[illegible]	.1	65.7	76.1	79.1	79.8	82.9	85.4	88.2	9 .1	91.7	92.2	92.6	92.9	92.9	93.9
≥ 600	[illegible]	0.1	65.7	76.3	79.3	8 .0	83.1	85.7	88.4	91.4	92.	92.6	92.9	93.	93.2	94.2
≥ 500	[illegible]	0.2	65.8	76.4	79.6	80.2	83.6	86.3	89.2	92.4	93.	93.7	94.0	94.3	94.3	95.3
≥ 400	[illegible]	0.2	6 .8	76.6	79.7	80.3	83.9	86.8	89.7	92.9	93.4	94.1	94.4	94.9	94.9	95.9
≥ 300	[illegible]	.2	65.8	76.6	79.7	80.3	84.2	87.1	90.0	93.6	94.1	94.8	95.1	95.7	95.7	96.7
≥ 200	[illegible]	.2	65.8	76.6	79.7	8 .3	84.2	87.1	9 .0	93.6	94.1	94.8	95.1	95.9	96.0	97.3
≥ 100	[illegible]	0.2	65.8	76.6	79.7	8 .3	84.2	87.1	9 .0	93.7	94.2	94.9	95.2	96.1	96.2	99.1
≥ 0	[illegible]	0.2	65.8	76.6	79.7	80.3	84.2	87.1	9 .0	93.7	94.2	94.9	95.2	96.1	96.2	1 0.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GE[illegible] RAL CLIMATOLOGY BRANCH
U[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | ILDENHALL RAF K STATION NAME | [illegible]4-[illegible] YEARS | [illegible] MONTH

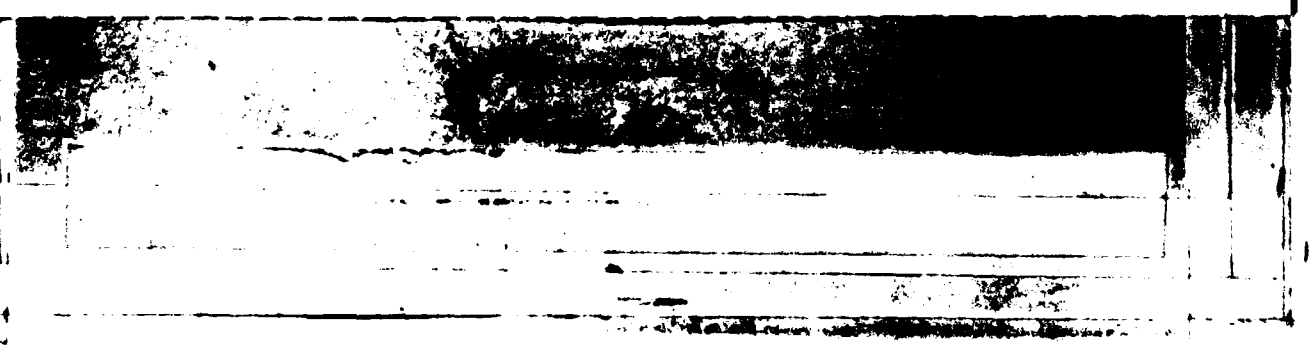
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-[illegible]00 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥0
NO CEILING		.8	30.7	33.	33.3	33.6	34.	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3
≥ 20000		.0	41.1	44.3	44.8	45.0	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 18000		.2	41.3	44.6	45.1	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 16000		.2	41.3	44.6	45.	45.2	45.	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 14000		.2	41.3	44.6	45.	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 12000		.2	41.4	44.7	45.2	45.4	46.	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
≥ 11000		.3	43.4	46.8	47.3	47.6	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.
≥ 10000		.3	43.4	46.8	47.3	47.6	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.
≥ 9000		.3	44.4	47.9	48.6	48.8	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 8000		.4	48.8	52.4	53.1	53.3	54.	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 7000		.5	51.	53.8	54.4	54.7	55.6	56.	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
≥ 6000		.8	50.3	54.	54.7	54.9	55.8	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 5000		.1	52.3	56.1	56.3	57.1	57.9	58.4	58.8	58.8	58.8	58.8	58.9	58.8	58.8	58.9
≥ 4500		.1	57.9	60.2	61.0	61.2	62.1	62.7	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3
≥ 4000		.6	61.2	65.8	66.9	67.1	68.1	68.8	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥ 3500		3.6	65.4	7 .2	71.4	71.7	72.7	73.3	73.8	7 .9	73.9	73.9	74.0	74.0	74.0	74.1
≥ 3000		6 .7	69.7	74.7	76.	76.2	77.2	78.	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 2500		1.3	73.4	78.9	80.2	80.4	81.4	82.2	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.
≥ 2000		3.6	75.	81.3	82.7	82.9	83.9	84.9	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1800		4.6	76.7	82.3	83.7	83.9	84.9	85.9	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 1600		6.	78.2	84.2	85.7	86.	87.	88.1	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 1400		7.8	80.1	86.3	88.1	88.7	89.8	91.	91.4	91.9	91.9	91.9	92.	92.0	92.0	92.1
≥ 1200		7 .9	81.2	88.2	89.8	90.1	91.4	92.7	93.1	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 1000		7 .1	81.3	88.4	90.0	90.3	91.9	93.1	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 900		7 .1	81.4	89.	90.6	90.9	92.7	93.	94.6	95.1	95.1	95.1	95.2	95.2	95.2	95.3
≥ 800		7 .2	81.8	89.6	91.1	91.4	93.6	95.	95.7	96.3	96.4	96.6	96.7	96.7	96.7	96.8
≥ 700		7 .2	81.8	89.7	91.3	91.7	93.9	95.3	96.	96.7	96.8	96.9	97.	97.0	97.0	97.1
≥ 600		7 .4	82.3	90.0	91.8	92.1	94.4	95.9	96.7	97.4	97.7	97.8	97.9	97.9	97.9	98.
≥ 500		7 .4	82.0	90.4	92.2	92.6	95.0	96.4	97.2	98.0	98.2	98.7	98.8	98.8	98.8	98.9
≥ 400		7 .4	82.	90.4	92.2	92.6	95.0	96.4	97.2	98.1	98.3	98.8	98.9	98.9	98.9	99.
≥ 300		7 .4	82.	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.0	99.0	99.2
≥ 200		7 .4	82.	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.1	99.1	99.3
≥ 100		7 .4	82.7	90.4	92.2	92.6	95.	96.4	97.2	98.1	98.3	98.8	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]70

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



...L RAF CLIMATOLOGY BRANCH
...ET C
A ... FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15771 (STATION) ILDENHALL RAF K (STATION NAME) 4-6... (YEARS) ... (MONTH)

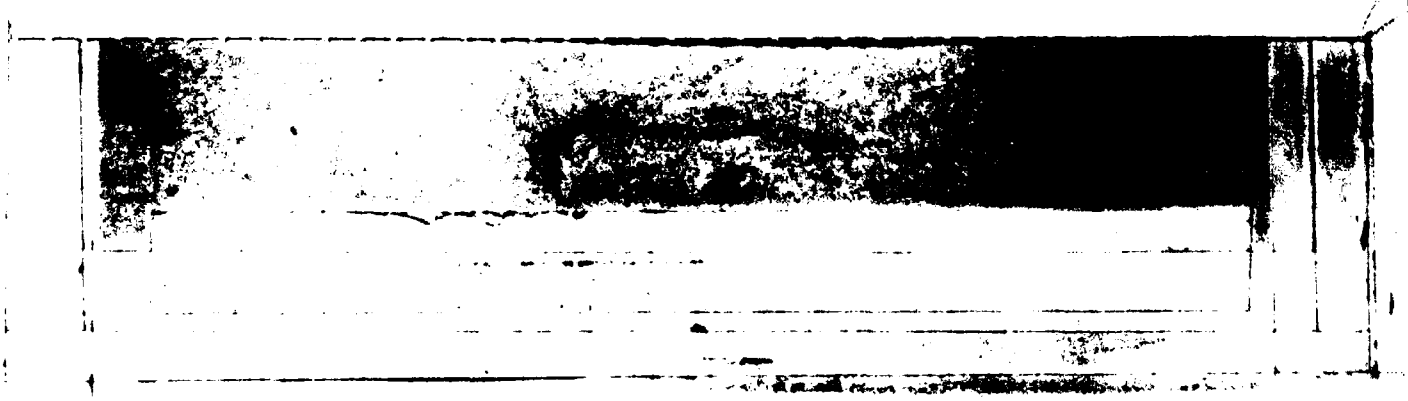
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 Z-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1 GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE03	≥5/16 GE05	≥0 GE04	≥0 GE0
NO CEILING		1.2	31.4	31.7	31.9	32.2	32.3	32.3	32.3	32.7	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000		41.4	41.7	42.4	42.4	42.8	43.0	43.2	43.	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000		41.	42.3	42.3	42.9	43.2	43.4	43.4	43.4	43.3	43.9	43.9	43.9	43.9	43.9	43.9
≥ 6000		.3.	42.4	43.1	43.7	44.3	43.6	43.6	43.6	43.9	44.0	44.0	44.0	44.	44.0	44.
≥ 14000		.3.1	42.6	43.1	43.1	43.4	43.7	43.7	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000		2.1	42.6	43.1	43.1	43.4	43.7	43.7	43.7	44.	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000		4 .0	45.6	46.6	46.6	46.9	47.2	47.2	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 9000		4 .2	46.3	47.8	47.8	48.1	48.4	48.4	48.4	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 8000		.1	5 .7	51.8	51.8	5 .1	52.4	52.4	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000		.3	51.9	53.	53.7	53.3	53.7	53.7	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1
≥ 6000		.4	52.1	53.2	53.2	53.6	53.9	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000		4.1	54.9	55.9	55.9	56.2	56.6	56.6	56.6	56.9	57.	57.0	57.0	57.0	57.0	57.0
≥ 4500		5 .4	57.2	5 .6	58.6	58.9	59.2	59.2	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4000		3.2	64.	65.3	65.4	65.8	66.1	6.1	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500		6 .5	7 .4	71.9	72.1	72.6	73.	73.1	73.	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000		7.1	78.1	79.6	79.9	8 .3	80.9	8 .9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500		3.4	84.6	36.1	86.4	86.9	87.4	87.4	87.4	88.	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000		6.1	87.3	8.9	89.2	89.7	90.4	90.9	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		6.7	87.9	89.6	89.9	90.3	91.1	1.6	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		7.3	88.6	9 .6	91.2	91.7	92.4	92.9	92.9	9 .4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		8 .3	9 .6	92.7	93.3	93.8	94.6	95.1	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000		8 .8	91.3	93.7	94.4	94.9	96.	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		9 .9	91.4	3.8	94.6	95.1	96.3	97.0	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800		.7	91.8	94.2	95.0	5.6	96.8	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		.1	91.9	94.3	95.1	95.7	97.1	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		.1	92.	94.4	95.2	95.8	97.3	98.2	98.3	99.	99.1	99.	99.1	99.1	99.1	99.1
≥ 500		.1	92.0	94.4	95.2	95.8	97.3	98.2	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		0.3	92.1	4.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		.2	92.1	94.7	95.6	9 .2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	1 0.0	100.0	100.0
≥ 200		.2	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		0.3	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		0.3	92.1	94.7	95.6	96.2	97.8	98.7	98.8	99.6	99.9	99.9	99.9	1 0.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ... 22C

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

7577 ILDENHALL RAF K 4-37 DEC
STATION STATION NAME YEARS MONTH

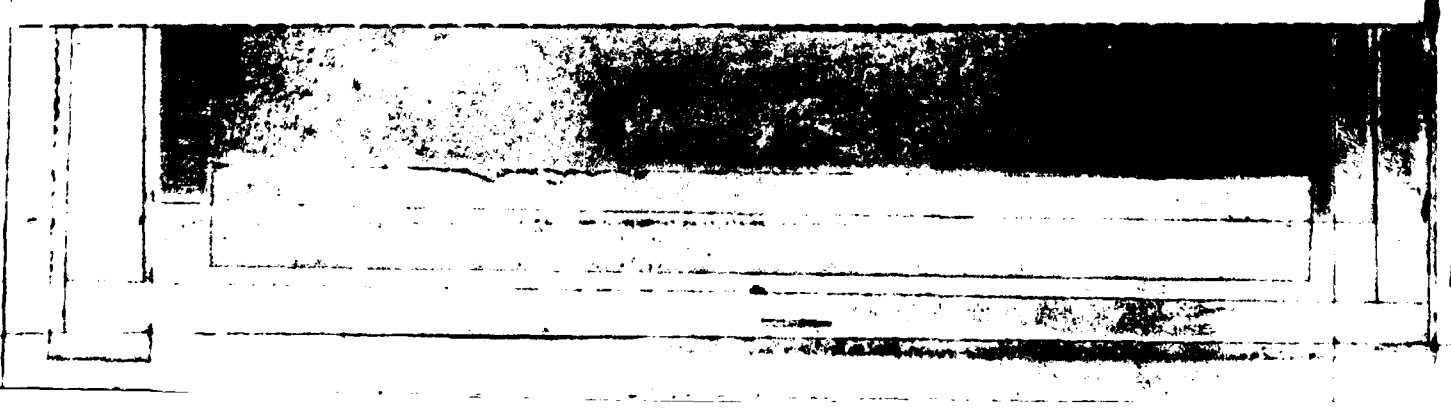
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1¾ GE1¾	≥1½ GE1½	≥1¼ GE1¼	≥1 GE1	≥¾ GE¾	≥½ GE½	≥⅜ GE⅜	≥¼ GE¼	≥0 GE0
NO CEILING		29.8	29.9	30.0	30.1	30.3	30.4	30.4	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000		29.9	40.8	42.0	42.1	42.3	42.4	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000		40.9	41.9	42.8	42.9	43.1	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 6000		41.0	41.9	43.0	43.1	43.3	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 4000		41.0	41.9	43.1	43.2	43.4	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 2000		42.1	42.1	43.3	43.4	43.7	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1000	46.3	46.2	47.6	47.7	47.9	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 900	46.6	47.4	48.8	48.9	49.1	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 800	52.2	53.2	54.9	55.1	55.2	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 700	53.0	54.8	56.6	56.7	56.9	57.3	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 600	54.0	55.8	56.8	56.9	57.1	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 500	57.1	58.9	60.7	60.9	61.0	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 450	63.3	64.9	65.1	66.1	66.3	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 400	71.6	73.1	75.8	76.1	76.3	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 350	77.2	78.7	81.6	82.2	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 300	82.4	84.0	87.2	88.1	88.2	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 250	86.4	88.1	91.4	92.3	92.6	93.1	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	89.0	90.1	93.7	94.8	95.0	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 150	89.2	90.1	93.7	94.8	95.0	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	89.8	90.7	94.8	96.1	96.2	97.3	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 70	90.1	90.9	95.0	96.4	96.7	97.9	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	90.1	91.0	95.1	96.6	96.8	98.0	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	90.1	91.0	95.1	96.6	96.8	98.0	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	91.6	95.8	97.2	97.4	98.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

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



L TAL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

7577 (STATION) ILDENHALL RAF K (STATION NAME) 4-87 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 GE24	≥2 GE12	≥1 GE24	≥1 GE2	≥1 GE16	≥ GE1	≥ GE10	≥ GE08	≥5/16 GE05	≥ GE04	≥0 GE0
NO CEILING		33.0	34.4	37.3	37.9	37.9	38.3	38.6	38.8	39.	39.	39.	39.	39.0	39.0	39.0
≥ 20000		40.	42.7	47.0	47.4	47.4	47.9	48.1	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000		1.	43.2	47.6	48.0	48.0	48.4	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000		1.3	43.2	47.6	48.1	48.1	48.4	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 4000		41.	43.7	48.	49.4	49.4	49.9	50.1	50.	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 3000		42.	44.7	49.2	49.7	49.7	50.1	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000		45.7	48.3	53.3	53.8	53.8	54.2	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000		46.	48.2	54.2	54.7	54.7	55.1	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000		1.4	54.	60.0	60.4	60.4	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000		2.1	55.3	61.8	62.2	62.2	63.	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000		3.1	55.7	62.2	62.7	62.7	63.4	64.1	64.3	64.6	64.6	64.6	64.6	64.3	64.6	64.6
≥ 5000		54.	57.6	64.0	64.4	64.4	65.2	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 4500		5.1	63.	70.8	71.2	71.2	72.0	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 4000		6.1	69.3	77.2	77.8	77.8	7 .7	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	8 .0
≥ 3500		1.1	74.8	82.8	83.4	83.4	84.6	85.6	85.8	8 .0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 3000		6.2	79.9	88.1	88.8	88.8	9 .7	91.3	91.6	91.8	91.8	9 .8	91.8	91.9	91.8	91.9
≥ 2500		7 .1	81.9	90.7	91.3	91.3	92.6	94.	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 2000		7 .8	82.4	91.6	92.4	92.6	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.
≥ 1800		7 .8	82.9	91.6	92.4	92.6	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.
≥ 1500		7 .2	83.2	92.2	93.4	93.6	95.	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 1200		7 .2	83.2	92.4	93.7	93.8	95.4	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1000		7 .6	83.6	92.8	94.1	94.3	96.1	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 900		7 .7	83.7	92.9	94.2	94.4	96.2	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 800		7 .8	83.9	93.3	94.8	95.1	96.	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99 .4	99.6
≥ 700		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 600		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500		7 .8	83.9	93.3	94.8	95.1	97.	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400		7 .8	83.9	93.3	94.8	95.1	97.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300		7 .8	83.9	93.3	94.8	95.1	97.0	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200		7 .8	83.9	93.3	94.8	95.1	97.	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100		7 .8	83.9	93.3	94.8	95.1	97.	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0		79.8	83.9	93.3	94.8	95.1	97.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K 74-83 S P
STATION STATION NAME YEARS MONTH

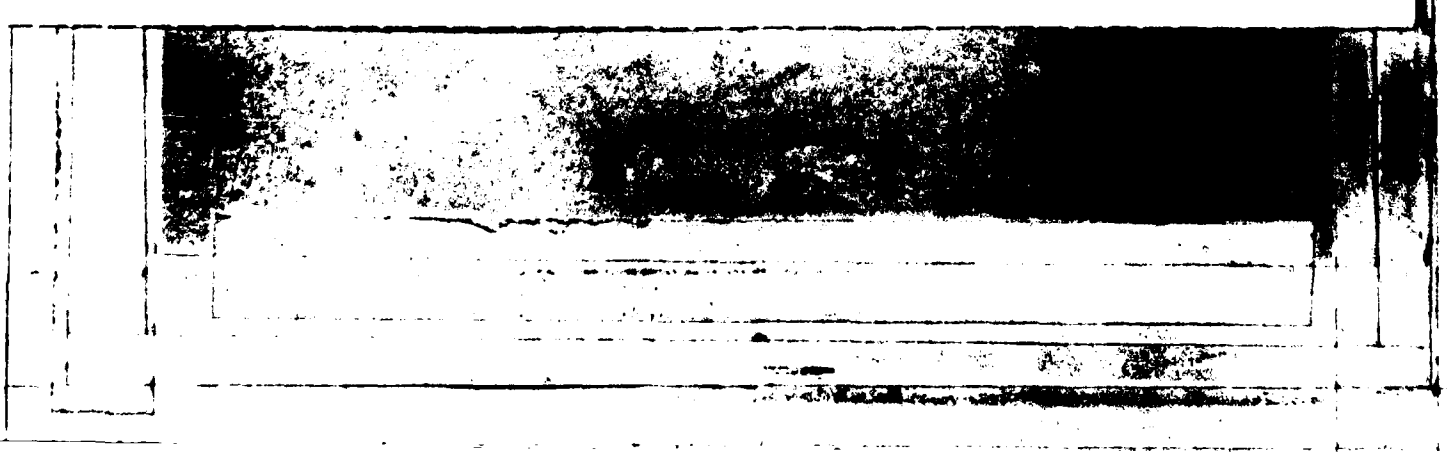
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (H NOREDS F METERS)																
	≥10	≥5 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1¼ GE2.4	≥1 GE2	≥¾ GE1.6	≥½ GE1.2	≥¼ GE1.0	≥⅛ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE0
NO CEILING		44.	47.3	47.9	49.1	49.4	5 .1	5 .6	5 .7	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000		44.	46.4	52.4	53.7	54.0	54.9	55.3	55.4	55.9	56.	56.0	56.0	56.	56.	56.0
≥ 18000		4 .0	46.8	52.8	54.0	54.3	55.2	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000		4 .	46.8	52.8	54.0	54.3	5 .2	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000		4 .0	47.	53.0	54.2	54.6	55.4	55.9	56.0	56.4	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000		45.	47.4	53.6	54.8	55.1	56.	56.4	56.5	57.	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000		4 .0	49.2	55.4	57.1	57.4	58.3	58.9	59.	59.4	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000		4 .0	49.9	56.1	57.8	58.1	59.3	60.0	60.1	60.6	6 .7	60.7	60.7	60.7	60.7	60.7
≥ 8000		2.6	54.6	61.4	63.6	63.9	65.1	65.8	65.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000		52.	54.8	61.8	63.9	64.2	65.4	66.1	66.	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000		3.0	55.	62.	64.1	64.4	65.8	66.4	66.5	67.	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000		5.0	57.1	64.2	66.3	66.7	68.	68.7	68.8	69.2	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500		0.0	62.	71.1	72.2	72.6	74.0	74.8	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000		3.1	65.7	74.1	76.7	77.0	78.7	79.7	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500		6.1	68.8	77.4	8 .1	80.4	82.1	83.1	83.	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000		6 .6	73.2	81.2	84.	84.3	86.	87.3	87.4	88.	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500		12.2	74.9	84.4	87.2	87.6	89.2	9 .6	9 .7	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000		4.4	77.2	6.9	89.7	90.0	91.7	93.0	93.1	93.9	94.	94.0	94.0	94.0	94.0	94.0
≥ 1800		4.6	77.5	87.	89.8	90.1	91.8	93.1	93.2	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500		5.6	78.3	88.	91.2	91.6	93.3	95.	95.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200		5.8	78.7	88.4	91.9	92.3	94.2	96.1	96.2	97.	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		6.1	79.0	89.0	92.7	93.3	95.3	97.2	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		6.1	79.1	8 .1	92.9	93.6	95.6	97.4	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800		6.2	79.1	89.4	93.	93.9	95.9	97.8	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		6.6	79.7	9 .1	93.9	94.6	96.6	98.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		6.6	79.7	9 .1	93.9	94.6	96.6	98.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		6.6	79.7	90.1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		6.6	79.7	90.1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		6.6	79.7	9 .1	93.9	94.6	96.6	98.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		6.6	79.7	9 .1	94.1	94.8	96.8	98.8	99.1	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0
≥ 100		6.6	79.7	90.1	94.1	94.8	96.8	98.8	99.1	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0
≥ 0		6.6	79.7	90.1	94.1	94.8	96.8	98.8	99.1	99.9	1 0.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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



CENTRAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75171 (STATION) ILDENHALL RAF K (STATION NAME) 4-83 (YEARS) OCT (MONTH)

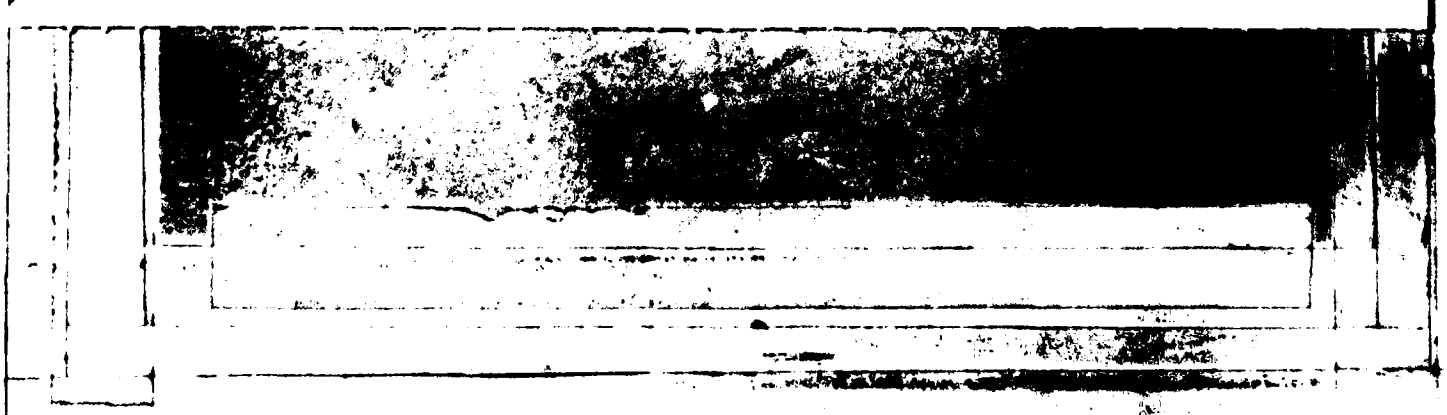
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10 (≥16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE40	≥2 GE32	≥1½ GE24	≥1¼ GE20	≥1 GE16	≥¾ GE12	≥½ GE8	≥7/16 GE7	≥3/16 GE5	≥1/8 GE4	≥0 GE0
NO CEILING		31.	32.7	36.4	37.1	37.3	38.3	39.7	39.7	39.4	39.5	39.6	39.7	39.8	39.8	4 .0
≥ 20000		3 .7	4 .1	44.3	45.1	45.3	46.4	46.9	47.2	47.7	47.8	47.9	48.0	48.1	48.2	48.4
≥ 18000		3 .0	40.4	44.6	45.3	45.6	46.7	47.2	47.5	48.	48.1	48.2	48.3	48.4	48.5	48.7
≥ 16000		3 .1	40.5	44.7	45.4	45.7	46.8	47.3	47.6	48.	48.1	48.2	48.3	48.5	48.5	48.7
≥ 14000		3 .1	40.1	44.8	45.5	45.8	46.9	47.4	47.7	48.1	48.2	48.3	48.4	48.6	48.6	48.8
≥ 12000		3 .4	4 .9	45.1	45.9	46.1	47.2	47.7	48.0	48.5	48.6	48.7	48.8	48.9	49.	49.2
≥ 10000		41.8	43.2	47.7	48.6	48.8	5 .1	50.6	51.	51.5	51.5	51.7	51.8	51.9	52.1	52.2
≥ 9000		42.4	44.1	48.6	49.5	49.7	51.1	51.7	52.1	52.6	52.7	52.8	52.9	53.1	53.1	53.4
≥ 8000		4 .5	48.3	53.3	54.3	54.5	56.	56.6	57.1	57.6	57.7	57.8	57.9	58.1	58.1	58.3
≥ 7000		4 .	49.2	54.3	55.3	55.6	57.1	57.7	58.2	58.7	58.8	58.9	59.1	59.2	59.2	59.4
≥ 6000		4 .6	49.4	54.6	55.6	55.9	5 .8	58.0	58.5	59.0	59.1	59.2	59.3	59.5	59.5	59.8
≥ 5000		4 .7	51.6	56.8	57.9	58.2	59.6	6 .3	6 .8	61.3	1.4	61.5	61.6	61.8	61.8	62.1
≥ 4500		4.3	56.3	62.1	63.3	63.5	65.1	65.8	66.3	66.9	67.	67.1	67.3	67.4	67.5	67.7
≥ 4000		5 .9	62.2	68.5	69.8	70.1	71.9	72.7	73.2	73.8	73.9	74.1	74.2	74.4	74.4	74.7
≥ 3500		63.	6.4	72.9	74.3	74.7	76.5	77.4	77.9	78.6	78.6	78.8	78.9	79.1	79.1	79.4
≥ 3000		6 .1	7 .7	77.5	79.1	79.4	81.3	82.4	82.9	83.6	83.7	83.8	83.9	84.1	84.1	84.4
≥ 2500		1.3	74.	81.2	82.8	83.1	85.	86.1	86.6	87.3	87.3	87.5	87.6	87.8	87.8	88.1
≥ 2000		3.3	76.1	83.4	85.1	85.4	87.5	88.7	89.2	89.9	9 .0	9 .1	90.3	90.5	90.5	90.8
≥ 1800		3.6	76.4	83.8	85.5	85.8	87.9	89.	89.6	9 .3	9 .4	9 .5	9 .7	9 .8	90.9	91.1
≥ 1500		4.7	77.6	85.3	87.2	87.6	89.7	91.0	91.6	92.4	92.5	92.6	92.8	93.	93.0	93.3
≥ 1200		5.5	78.4	86.4	88.4	88.8	91.1	2.6	93.2	94.0	94.1	94.3	94.4	94.6	94.6	94.9
≥ 1000		6.	79.7	87.0	89.1	89.6	92.	93.6	94.2	9 .1	95.2	95.3	95.5	95.7	95.7	95.9
≥ 900		6.1	79.1	87.2	89.3	89.8	92.3	93.9	94.6	95.5	95.6	95.7	95.9	96.1	96.1	96.3
≥ 800		6.3	79.4	87.8	89.9	90.4	92.9	94.5	95.2	96.1	96.3	96.4	96.6	96.7	96.8	97.0
≥ 700		6.4	79.6	88.1	90.3	90.7	93.4	95.1	95.8	96.8	96.9	97.1	97.2	97.4	97.4	97.7
≥ 600		6.4	79.7	88.2	90.4	90.8	93.6	95.3	96.0	96.9	97.1	97.2	97.4	97.6	97.6	97.9
≥ 500		6.5	79.7	88.3	9 .6	91.1	93.9	95.6	96.4	97.4	97.6	97.8	97.9	98.1	98.2	98.4
≥ 400		6.5	79.8	88.5	9 .8	91.2	94.1	95.9	96.7	97.7	97.9	98.1	98.3	98.5	98.5	98.8
≥ 300		6.5	79.8	88.5	90.8	91.2	94.2	96.	96.7	97.9	98.1	98.3	98.5	98.7	98.8	99.0
≥ 200		6.5	79.8	88.5	90.8	91.3	94.2	96.0	96.8	98.	98.2	98.4	98.5	98.8	98.9	99.2
≥ 100		6.5	79.8	88.5	90.8	91.3	94.2	96.0	96.8	98.0	98.2	98.4	98.6	98.9	99.	99.7
≥ 0		6.5	79.8	88.5	9 .8	91.3	94.2	96.	96.8	98.0	9 .2	98.4	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

3577 | MILDENHALL RAF (UK) | 4-5 | OCT
STATION | STATION NAME | YEARS | MONTH

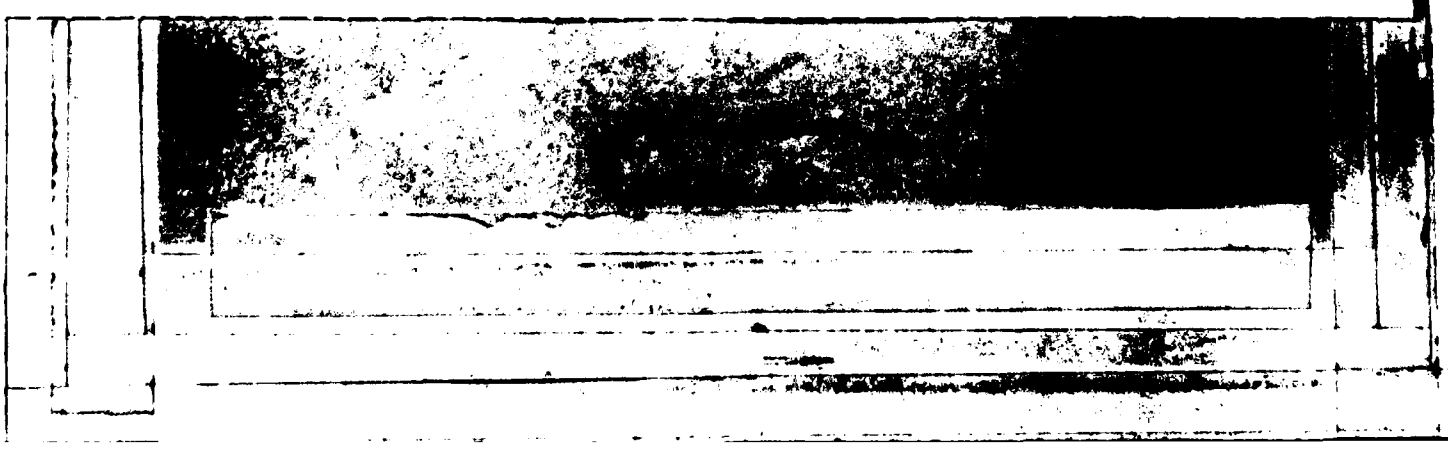
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-6 09
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETRES EQUIVALENTS)																
	≥10 (16)	≥5 (9)	≥3 (5)	≥2 (4)	≥1½ (2.4)	≥1 (1.6)	≥¾ (1.2)	≥½ (0.8)	≥¼ (0.4)	≥0 (0)							
NO CEILING		32.0	33.7	36.6	38.8	39.1	4 .3	41.4	41.5	41.7	41.8	42.5	42.7	43.[illegible]	43.[illegible]	44.2	
≥ 20000		32.1	35.9	39.7	42.0	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.[illegible]	48.	
≥ 18000		3 .0	35.9	39.7	42.[illegible]	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]	
≥ 16000		32.1	35.9	39.7	42.[illegible]	42.4	43.8	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]	
≥ 14000		32.1	35.9	39.7	42.[illegible]	42.4	43.9	45.1	45.2	45.4	45.5	46.1	46.3	46.7	47.3	48.[illegible]	
≥ 12000		32.1	36.1	39.9	42.3	42.6	44.	45.3	45.4	45.6	45.7	46.3	46.6	46.9	47.5	48.2	
≥ 10000		33.1	37.1	40.8	43.2	43.5	45.2	46.5	46.7	47.0	47.1	47.7	48.[illegible]	48.3	49.9	49.6	
≥ 9000		3 .1	38.3	42.0	44.5	44.8	46.5	47.7	48.0	48.3	48.4	49.0	49.2	49.6	5[illegible].2	50.9	
≥ 8000		3 .7	4 .1	44.6	47.0	47.4	49.1	[illegible]0.4	50.6	51.0	51.1	51.7	51.9	52.3	52.9	[illegible]3.5	
≥ 7000		3 .6	41.0	45.6	48.2	48.5	5 .3	51.6	51.8	52.2	2.3	52.9	53.1	53.4	54.1	54.7	
≥ 6000		3 .7	41.1	45.7	48.3	48.6	5 .4	51.8	52.	52.4	52.5	53.1	53.3	5[illegible].7	54.3	54.9	
≥ 5000		40.[illegible]	44.2	48.9	51.5	51.8	53.9	55.3	55.6	55.9	56.	56.7	56.9	57.3	57.8	58.5	
≥ 4500		4 .4	47.8	52.8	55.5	55.8	57.8	59.4	59.7	6 .1	60.2	6[illegible].9	61.1	61.4	62.	62.7	
≥ 4000		4 .9	5 .3	59.0	61.8	62.2	64.4	66.0	66.3	66.8	66.9	67.5	67.7	68.1	68.7	69.4	
≥ 3500		3.1	56.8	63.1	66.[illegible]	66.3	68.9	70.5	70.9	71.4	71.5	72.2	72.4	72.7	73.3	74.[illegible]	
≥ 3000		54.[illegible]	58.7	65.5	68.6	68.9	71.8	73.8	74.	74.6	74.7	75.4	75.6	75.9	76.6	77.2	
≥ 2500		5 .2	61.[illegible]	68.1	71.2	71.6	74.9	76.9	77.2	77.7	77.8	78.5	78.[illegible]	79.0	79.[illegible]	80.3	
≥ 2000		5 .7	64.1	71.5	75.1	75.5	79.	81.[illegible]	81.4	81.9	82.	82.7	82.9	83.2	83.9	84.5	
≥ 1800		5 .8	64.2	[illegible]1.7	75.3	75.7	79.4	81.3	81.7	82.3	82.4	83.	83.2	83.5	84.2	84.8	
≥ 1500		1.2	66.6	73.3	77.[illegible]	77.[illegible]	81.3	83.2	83.7	84.2	84.3	84.9	85.2	85.5	86.1	86.8	
≥ 1200		1.7	66.2	74.2	78.4	78.8	82.9	85.2	85.8	86.3	86.5	87.1	87.3	87.6	88.3	88.9	
≥ 1000		62.8	67.4	76.3	8 .5	81.[illegible]	85.1	87.3	88.	88.5	88.6	89.2	89.5	89.8	90.4	[illegible]1.1	
≥ 900		62.[illegible]	67.5	76.8	81.[illegible]	81.4	85.5	87.8	88.6	89.1	89.2	89.9	9 .1	9[illegible].4	91.1	91.[illegible]	
≥ 800		3.	68.[illegible]	77.4	81.6	82.3	86.3	88.0	89.8	90.3	9 .4	91.1	91.3	91.6	92.3	92.9	
≥ 700		3.5	68.2	77.7	82.[illegible]	82.5	8 .8	88.6	90.3	91.0	91.1	91.9	92.3	92.7	93.3	94.	
≥ 600		3.5	68.4	78.	82.4	82.8	87.1	9 .2	91.	91.8	91.9	92.8	93.2	93.7	94.3	94.9	
≥ 500		3.5	68.4	78.	82.6	83.[illegible]	87.5	9[illegible].6	91.5	92.3	92.4	93.2	93.7	94.1	94.7	95.4	
≥ 400		3.5	68.4	78.0	82.6	83.0	87.6	9 .9	91.7	92.5	92.6	93.5	94.[illegible]	94.4	95.1	95.7	
≥ 300		3.5	68.4	78.1	82.7	83.1	88.0	91.3	92.2	93.0	93.1	94.1	94.5	94.9	95.6	96.2	
≥ 200		3.5	68.4	78.1	82.7	83.1	88.0	91.3	92.2	93.1	93.2	94.4	94.8	95.3	95.9	97.3	
≥ 100		3.5	68.4	78.1	82.7	83.1	88.	91.3	92.	93.2	93.3	94.5	94.9	95.5	96.1	99.1	
≥ 0		3.5	68.4	78.1	82.7	83.1	88.	91.3	92.2	93.2	93.3	94.5	94.9	95.[illegible]	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...677... | ...ILDENHALL RAF, K (STATION NAME) | 4-67 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

...270-2500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 ≥16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.9	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.10	≥¼ GE.03	≥5/16 GE.25	≥0 GE.04	≥0 GE.0
NO CEILING		2 .6	30.8	36.7	38.9	39.2	4 .3	41.7	41.8	4 .2	42.3	42.6	42.7	43.3	44.0	44.9
≥ 20000		.3	32.7	39.3	41.7	42.0	43.2	44.8	44.9	45.3	45.4	45.7	45.9	46.4	47.1	48.
≥ 18000		.3	32.7	39.4	41.8	42.1	43.3	44.9	45.0	45.4	45.5	45.9	46.	46.5	47.3	48.1
≥ 16000		.3	32.7	39.4	41.8	4 .1	43.3	44.9	45.0	45.4	45.5	45.9	46.0	46.5	47.3	48.1
≥ 14000		.3	32.7	39.4	41.8	42.1	43.3	44.9	45.0	45.4	45.5	45.9	46.0	46.5	47.3	48.1
≥ 12000		.3	32.7	39.4	42.	42.3	43.5	45.1	45.2	45.6	45.7	46.1	46.2	46.7	47.5	48.3
≥ 10000	0.1	33.6	40.7	43.3	43.7	44.9	46.6	46.8	47.5	47.6	47.9	48.	48.5	49.3	5 .2	
≥ 9000		.2	34.7	41.8	44.3	44.8	46.0	47.7	47.9	48.5	48.7	49.	49.1	49.6	5 .4	51.2
≥ 8000	3.4	3 .	44.6	47.6	48.1	49.3	51.0	51.3	52.1	52.2	52.5	52.6	53.2	53.9	54.8	
≥ 7000	33.	37.6	45.1	48.1	48.5	49.8	51.6	51.9	52.6	52.7	53.1	53.2	53.7	54.5	55.3	
≥ 6000	33.	37.6	45.1	48.1	48.5	49.8	51.6	51.9	52.6	52.7	53.1	53.2	53.7	54.5	55.3	
≥ 5000	3 .2	38.8	47.6	50.7	51.1	52.4	54.3	54.6	55.3	55.4	55.8	55.9	56.4	57.2	58.	
≥ 4500	.3	43.1	51.0	54.3	54.7	56.3	58.2	58.8	59.6	59.7	6 .2	60.4	60.9	61.7	62.5	
≥ 4000	4.5	4 .4	57.2	60.5	60.	62.9	64.9	65.4	66.3	66.4	66.8	67.1	67.6	68.4	69.2	
≥ 3500	4 .7	51.	60.7	64.3	64.7	67.	69.0	69.5	70.5	70.6	71.0	71.3	71.8	72.6	73.4	
≥ 3000	4 .2	52.5	62.6	66.4	66.8	69.4	71.6	72.1	73.1	73.2	7 .6	73.8	74.4	75.1	76.0	
≥ 2500	0.9	54.8	65.4	69.5	7 .1	72.1	74.8	75.3	76.3	76.4	76.9	77.1	77.6	78.4	79.2	
≥ 2000	3.0	57.5	69.0	73.3	73.7	76.4	78.6	79.2	8 .2	80.3	80.7	80.9	81.5	82.2	83.1	
≥ 1800	3.	57.7	69.2	73.5	74.0	76.7	78.9	79.5	80.5	8 .6	81.1	81.3	81.9	82.6	83.4	
≥ 1500	5.	5 .9	71.3	75.9	76.3	79.1	1.9	82.8	83.7	83.9	84.3	84.5	85.0	85.8	86.7	
≥ 1200	5.4	6 .1	72.1	77.3	77.7	81.1	83.7	84.7	85.7	85.8	86.2	86.4	87.0	87.7	88.6	
≥ 1000	5.5	60.1	72.4	77.7	78.1	81.5	84.4	85.4	86.3	86.4	86.9	87.1	87.6	88.4	89.2	
≥ 900	5.5	60.1	72.6	77.9	78.4	81.8	84.7	85.7	86.7	86.8	87.2	87.4	87.9	88.7	89.6	
≥ 800	5 .	60.7	73.6	79.0	79.4	83.0	86.0	87.0	88.1	88.2	88.6	88.8	89.3	9 .1	91.0	
≥ 700	5 .2	6 .7	73.8	79.3	79.8	83.9	86.7	87.6	88.8	88.9	89.3	89.6	90.1	90.9	91.7	
≥ 600	5 .3	6 .9	74.3	79.8	8 .2	84.	87.8	88.8	90.0	90.1	90.5	90.7	91.3	92.0	92.9	
≥ 500	5 .2	60.8	74.3	79.8	8 .2	84.1	88.2	89.1	9 .3	90.5	91.	91.2	91.7	92.5	93.3	
≥ 400	5 .2	60.8	74.3	79.8	80.3	84.2	88.5	89.6	9 .9	91.1	91.5	91.7	92.2	93.	93.9	
≥ 300	5 .3	60.8	74.6	80.1	80.6	84.5	88.8	89.9	91.2	91.5	91.9	92.1	92.9	93.6	94.6	
≥ 200	5 .2	6 .8	74.6	8 .1	80.6	84.5	89.1	90.3	91.6	91.9	92.5	93.2	94.2	95.2	96.9	
≥ 100	5 .2	6 .8	74.6	80.1	80.6	84.8	89.1	9 .4	91.8	92.1	92.7	93.4	94.4	95.5	98.8	
≥ 0	5 .2	6 .8	74.6	80.1	80.6	84.8	89.1	9 .4	91.8	92.1	92.7	93.4	94.5	95.6	100.0	

TOTAL NUMBER OF OBSERVATIONS ... 0

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

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

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible] — [illegible]4-[illegible] — OCT

STATION — STATION NAME — YEARS — MONTH

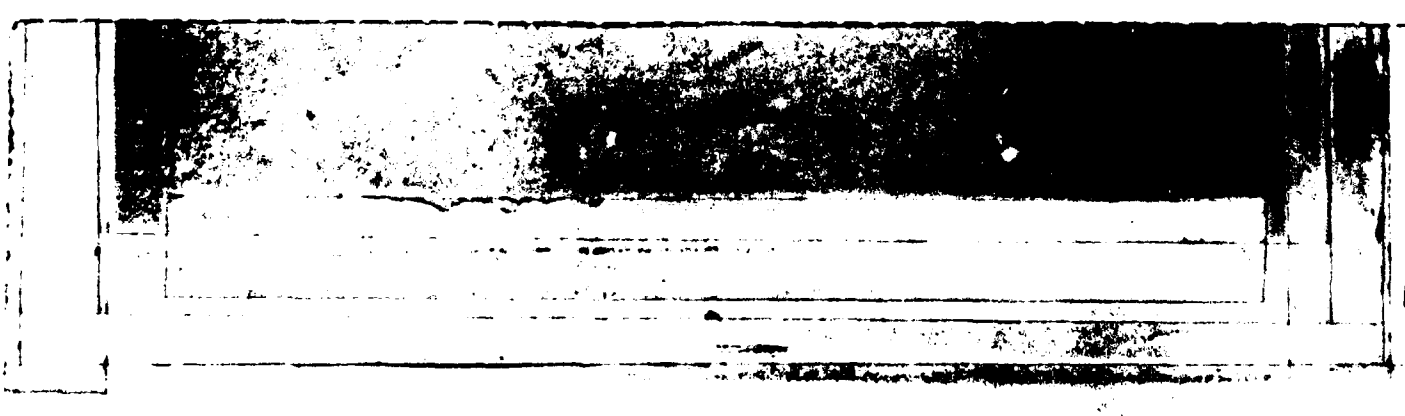
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-2800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (...NDREDS F METERS)															
	≥0	≥0.9	≥1	≥1.4	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12	≥13
[illegible]		.2	20.1	24.5	25.[illegible]	26.2	28.[illegible]	29.4	29.7	3[illegible].2	3[illegible].3	3[illegible].4	3[illegible].4	31.1	31.3	31.[illegible]
[illegible]2000		.2	25.3	30.0	31.[illegible]	32.2	34.5	35.8	36.3	36.9	37.	37.2	37.3	38.[illegible]	38.2	38.7
[illegible]800		.1	2[illegible].3	30.1	31.[illegible]	32.3	34.6	36.0	36.6	37.1	37.2	37.4	37.5	38.2	38.4	38.9
[illegible]600		.3	25.3	3[illegible].1	31.8	3[illegible].3	34.6	36.0	36.6	37.1	37.2	37.4	37.5	38.2	38.4	38.9
[illegible]4000		24.[illegible]	25.6	3[illegible].4	32.2	32.6	34.9	36.3	36.9	37.[illegible]	37.5	37.7	37.8	38.5	38.7	39.2
[illegible]2000		2[illegible].1	26.[illegible]	3[illegible].9	32.7	33.1	35.5	36.9	37.4	38.[illegible]	38.1	38.3	38.4	39.[illegible]	39.2	39.8
[illegible]1000		[illegible].3	27.0	32.2	34.[illegible]	34.3	37.2	38.7	39.2	4[illegible].1	4[illegible].2	4[illegible].4	4[illegible].6	41.[illegible]	41.5	42.[illegible]
[illegible]900		26.[illegible]	[illegible]7.7	33.3	35.7	36.3	38.8	40.3	40.[illegible]	41.7	41.8	42.[illegible]	42.3	42.9	43.1	43.7
[illegible]8000		1.1	32.2	39.5	41.1	41.[illegible]	44.[illegible]	45.[illegible]	46.7	47.7	48.1	48.3	48.5	49.1	49.4	49.9
[illegible]7000		1.4	32.6	38.9	41.[illegible]	42.2	44.[illegible]	46.3	47.	48.4	48.[illegible]	48.9	49.1	49.8	50.[illegible]	[illegible]0.5
[illegible]6000		1.[illegible]	33.[illegible]	39.[illegible]	41.6	42.3	44.[illegible]	46.5	47.[illegible]	48.5	48.8	49.[illegible]	49.[illegible]	[illegible]9.9	50.1	[illegible]0.6
[illegible]5000		33.[illegible]	35.1	41.8	44.6	45.3	48.[illegible]	5[illegible].1	51.[illegible]	52.4	52.7	52.9	53.1	53.8	54.[illegible]	54.5
[illegible]4500		36.[illegible]	[illegible]8.[illegible]	45.[illegible]	48.5	49.1	52.[illegible]	54.2	55.4	57.1	57.4	57.7	58.[illegible]	58.6	58.8	59.4
[illegible]4000		1.5	42.[illegible]	51.3	54.3	[illegible]5.2	[illegible]8.[illegible]	6[illegible].8	62.[illegible]	63.9	64.3	64.6	65.1	65.8	66.[illegible]	66.6
[illegible]3500		3.[illegible]	45.1	54.3	57.[illegible]	58.[illegible]	62.[illegible]	[illegible]4.4	65.7	67.8	6[illegible].3	69.6	69.[illegible]	69.8	70.[illegible]	70.5
[illegible]3000		46.[illegible]	[illegible]8.6	58.[illegible]	62.3	[illegible]3.3	67.[illegible]	[illegible]9.4	[illegible].6	72.9	73.4	[illegible]3.8	74.[illegible]	74.9	[illegible]5.2	75.7
[illegible]2500		4[illegible].2	5[illegible].[illegible]	60.4	64.5	[illegible]5.6	69.[illegible]	[illegible]2.3	[illegible]3.[illegible]	76.[illegible]	76.6	76.9	77.3	78.1	78.3	78.8
[illegible]2000		[illegible].1	51.1	[illegible].6	65.[illegible]	66.8	[illegible]1.3	[illegible]3.[illegible]	75.2	77.5	[illegible]8.1	[illegible]8.4	[illegible]8.8	79.6	79.8	[illegible].3
[illegible]		4[illegible].5	51.4	61.9	66.[illegible]	[illegible]7.1	[illegible]1.[illegible]	[illegible]4.2	75.6	[illegible]8.[illegible]	[illegible]8.5	[illegible]9.8	79.2	80.[illegible]	[illegible].2	[illegible]3.8
[illegible]1500		5[illegible].	53.[illegible]	[illegible]4.[illegible]	[illegible]8.8	69.9	[illegible]4.[illegible]	[illegible]7.2	[illegible]8.[illegible]	[illegible]1.2	81.	82.0	82.5	83.2	83.4	[illegible]4.[illegible]
[illegible]1200		[illegible].1	53.4	[illegible]5.[illegible]	[illegible]9.[illegible]	[illegible]. [illegible]	[illegible]5.[illegible]	[illegible]8.8	[illegible] .[illegible]	83.	[illegible]3.5	[illegible]3.9	[illegible]4.3	[illegible]5.1	[illegible]5.3	[illegible]5.8
[illegible]1000		1.5	53.[illegible]	66.0	[illegible]0.4	[illegible]1.5	[illegible]6.[illegible]	[illegible]9.9	[illegible]1.5	84.2	[illegible]4.7	[illegible]5.1	[illegible]5.5	[illegible]6.2	[illegible]6.6	[illegible]7.1
[illegible]900		.6	54.[illegible]	[illegible]6.[illegible]	[illegible]0.8	[illegible]1.[illegible]	[illegible]7.[illegible]	[illegible]0.4	[illegible]2.[illegible]	[illegible]4.9	[illegible]5.5	[illegible]5.9	[illegible]6.3	[illegible]7.1	[illegible]7.4	[illegible]8.[illegible]
[illegible]800		[illegible]1.	54.2	66.7	[illegible]1.1	[illegible] .4	[illegible]7.[illegible]	[illegible]1.2	[illegible]2.[illegible]	86.0	[illegible]6.6	[illegible]7.0	[illegible]7.5	[illegible]8.3	[illegible]8.6	[illegible]9.1
[illegible]700		[illegible]1.	54.2	[illegible]6.[illegible]	[illegible]1.[illegible]	[illegible]2.6	[illegible]7.[illegible]	[illegible]1.8	[illegible]4.	[illegible]7.3	[illegible]7.8	[illegible]8.3	[illegible]8.8	[illegible]9.6	[illegible]9.9	[illegible]0.4
[illegible]600		2.[illegible]	54.4	67.	[illegible]1.7	[illegible]3.	[illegible]8.[illegible]	[illegible]3.[illegible]	[illegible]5.2	[illegible]8.6	[illegible]9.1	[illegible]9.6	9[illegible].1	[illegible]0.9	[illegible]1.2	[illegible]1.7
[illegible]500		2.[illegible]	54.4	[illegible]7.[illegible]	[illegible]1.8	[illegible]3.1	[illegible]8.[illegible]	[illegible]3.5	[illegible]5.9	[illegible]9.4	[illegible]9.9	9[illegible].4	[illegible]1.1	[illegible]1.8	[illegible]2.3	[illegible]2.8
[illegible]00		2.[illegible]	5[illegible].5	[illegible]7.3	[illegible]2.2	[illegible]3.4	[illegible]9.1	[illegible]4.1	[illegible]6.5	[illegible]0.1	[illegible]0.6	[illegible]1.3	[illegible]1.9	[illegible]2.7	[illegible]3.1	[illegible]3.7
[illegible]300		2.[illegible]	54.5	[illegible]7.3	[illegible]2.2	[illegible]3.4	[illegible]9.1	[illegible]4.1	[illegible]6.7	[illegible]0.6	[illegible]1.2	[illegible]1.9	[illegible]2.8	[illegible]3.5	[illegible]4.[illegible]	[illegible]4.5
[illegible]200		2.[illegible]	54.5	[illegible]7.3	[illegible]2.2	[illegible]3.4	[illegible]9.4	[illegible]4.4	[illegible]7.[illegible]	[illegible]0.1	[illegible]1.[illegible]	[illegible]2.7	[illegible]3.7	[illegible]4.5	[illegible]5.4	[illegible]6.9
[illegible]100		2.[illegible]	54.5	[illegible]7.3	[illegible]2.2	[illegible]3.4	[illegible]9.4	[illegible]4.5	[illegible]7.1	[illegible]1.2	[illegible]1.7	[illegible]2.8	[illegible]3.8	[illegible]4.6	[illegible]5.[illegible]	[illegible]8.9
[illegible]0		2.3	54.5	[illegible]7.3	[illegible]2.2	[illegible]3.4	[illegible]9.4	[illegible]4.5	[illegible]7.1	[illegible]1.2	[illegible]1.7	[illegible]2.8	[illegible]3.8	[illegible]4.6	[illegible]5.[illegible]	[illegible] 0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



GL AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE MAC

CEILING VERSUS VISIBILITY

15171 STATION | ILDENHALL RAF K STATION NAME | 4-8? YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0?00-1200 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR (HUNDREDS F METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6½	≥3 GE4	≥2½ GE4	≥2 GE3½	≥1½ GE2½	≥1¼ GE2	≥1 GE1½	≥¾ GE1	≥⅝ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE0
NO CEILING		2 .5	25.3	27.8	28.7	28.7	29.6	3 .2	3 .8	3 .8	3 .8	3 .9	3 .9	30.9	30.9	31.0
≥ 20000		31.4	32.5	35.9	37.0	37.3	38.2	38.9	39.9	4 .2	4 .2	4 .3	4 .3	4 .3	4 .3	4 .4
≥ 18000		3 .	32.7	36.1	37.2	37.6	38.6	39.4	40.3	40.6	4 .6	4 .8	4 .8	4 .8	4 .8	4 .9
≥ 16000		31.	32.7	36.1	37.2	37.6	38.	39.4	40.3	40.6	40.6	40.8	40.8	40.8	40.8	4 .9
≥ 14000		31.	32.9	36.2	37.3	37.7	38.7	39.5	4 .4	40.8	40.8	40.9	40.9	40.9	40.9	41.0
≥ 12000		32.	33.3	37.3	38.4	38.8	39.9	4 .5	41.5	41.8	41.8	41.9	41.9	41.9	41.9	42.
≥ 10000		35.	37.1	40.6	41.7	42.2	43.2	44.1	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.9
≥ 9000		36.	38.2	42.	43.2	43.7	44.7	45.7	46.8	47.3	47.3	47.4	47.4	47.4	47.4	47.5
≥ 8000		41.	42.7	47.	48.5	48.9	5 .1	51.2	52.3	52.9	3.0	53.1	53.1	53.1	53.1	53.2
≥ 7000		42.3	44.1	48.5	5 .7	50.4	51.6	52.7	53.8	54.4	54.5	54.6	54.6	54.6	54.6	54.7
≥ 6000		2.5	44.4	48.8	50.3	50.8	51.9	53.	54.1	54.7	54.8	54.9	54.9	54.9	54.9	55.1
≥ 5000		4.5	46.5	51.3	52.9	53.3	54.6	55.7	56.8	57.4	57.5	57.6	57.6	57.6	57.6	57.7
≥ 4500		4 .2	49.4	54.2	55.9	56.5	57.7	58.8	59.9	60.5	60.6	60.8	60.8	60.8	6 .8	60.9
≥ 4000		1.3	53.7	6 .3	62.2	63.1	64.4	65.6	66.7	67.3	67.6	67.7	67.7	67.7	67.7	67.8
≥ 3500		3.1	55.8	62.6	64.4	65.3	66.9	68.1	69.1	7 .3	77.1	77.2	70.2	70.2	70.2	70.3
≥ 3000		5 .7	60.5	68.0	69.8	70.6	72.6	73.9	74.9	75.9	76.	76.1	76.1	76.1	76.1	76.2
≥ 2500		5 .6	62.4	0.4	72.6	73.5	75.6	77.1	78.2	79.1	79.2	79.4	79.4	79.4	79.4	79.5
≥ 2000		1.5	64.5	72.9	75.4	76.3	78.5	0.2	81.3	82.3	82.4	82.5	82.5	82.5	82.5	82.6
≥ 1800		1.5	64.5	72.9	75.4	76.3	79.5	9 .2	81.3	8 .3	82.4	82.5	82.5	82.5	82.5	82.6
≥ 1500		3.2	66.5	75.5	78.3	79.2	81.6	83.4	84.5	85.7	85.8	85.9	85.9	85.9	85.9	6.2
≥ 1200		3.4	66.7	76.3	79.2	80.2	82.8	85.1	86.3	87.5	87.6	87.7	87.7	87.7	87.7	87.8
≥ 1000		4.5	68.7	78.2	81.2	82.3	85.2	87.6	88.9	90.2	90.4	9 .5	90.5	90.5	90.5	90.6
≥ 900		4.5	69.	78.3	81.3	82.4	85.4	88.0	89.2	90.6	90.9	91.0	91.0	91.0	91.1	91.1
≥ 800		4.7	68.2	78.7	81.7	82.8	85.8	88.5	89.9	91.5	91.7	91.8	91.8	91.8	91.8	91.9
≥ 700		5.3	68.7	79.5	82.6	83.7	86.8	89.5	9 .9	92.5	92.7	92.8	92.8	92.8	92.8	92.9
≥ 600		5.3	68.7	79.8	83.1	84.2	87.7	9 .5	92.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5
≥ 500		5.	69.7	79.8	83.1	84.2	87.7	90.6	92.3	94.5	94.9	95.2	95.3	95.3	95.3	95.4
≥ 400		5.3	69.7	79.8	83.3	84.4	88.1	91.1	92.7	94.9	95.4	95.7	95.8	95.8	95.8	95.9
≥ 300		5.3	68.7	79.8	83.3	84.4	88.1	91.3	92.9	95.5	96.1	96.7	96.8	96.8	96.8	96.9
≥ 200		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.	96.7	97.2	97.6	98.3	98.4	98.7
≥ 100		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.	96.7	97.2	97.6	98.3	98.4	99.1
≥ 0		5.3	68.7	79.8	83.3	84.4	88.1	91.6	93.2	96.0	96.7	97.2	97.6	98.3	98.4	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

[illegible] STATION | WILDENHALL RAF K STATION NAME | [illegible] YEARS | OCT MONTH

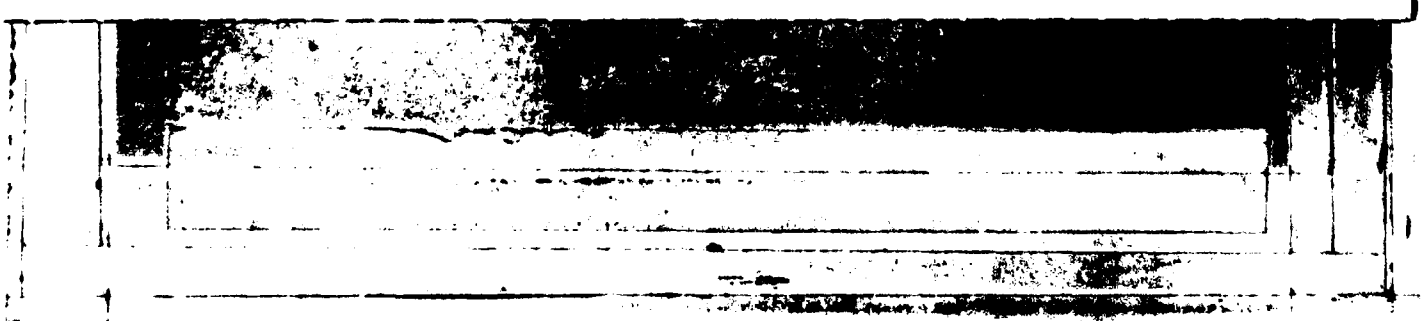
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 0-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10 >16	≥6 >9	≥5 GE8	≥4 GE6	≥3 GE4	≥2 GE3	≥1 GE2	≥¾ GE1	≥½ GE¾	≥¼ GE½	≥0 GE¼					
NO CEILING		2 .0	23.7	24.7	25.5	25.6	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000		33.	34.6	35.9	36.9	37.0	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		3 .	35.2	36.5	37.4	37.5	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 16000		3 .3	35.2	36.5	37.4	37.5	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000		3 .4	35.3	36.6	37.5	37.6	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000		3 .4	36.2	37.5	38.5	38.6	39.	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 10000		3 .1	38.9	40.3	41.3	41.4	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000		.1	41.1	42.9	43.9	44.0	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 8000		44.	45.6	48.	49.	49.1	49.	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000		4 .2	46.1	48.5	49.6	49.7	5 .2	5 .6	5 .6	50.	50.6	50.6	50.6	50.6	50.6	50.6
≥ 6000		4 .2	46.1	48.5	49.6	49.7	5 .2	5 .6	5 .6	5 .6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 5000		4 .6	48.7	51.1	52.2	52.3	53.	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4500		.1	52.3	54.7	55.8	56.0	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4000		56.	58.1	6 .8	61.9	62.	63.0	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3500		.4	61.8	64.8	66.	66.3	67.1	67.5	67.5	67.8	67.8	6 .8	67.8	67.8	67.8	67.8
≥ 3000		6 .9	70.5	74.5	75.7	76.	77.1	77.5	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500		72.9	74.8	79.1	80.3	80.6	81.7	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000		6.2	79.3	82.8	84.1	84.5	85.8	86.2	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800		6.6	78.6	83.1	84.5	84.9	86.2	86.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500		7 .3	8 .4	85.8	87.5	88.	89.8	9 .2	9 .3	90.9	90.	90.9	90.9	90.9	90.9	90.9
≥ 1200		7 .8	81.3	87.5	89.4	89.9	92.2	92.9	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000		7 .8	82.2	88.9	91.0	91.5	93.9	94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		7 .9	82.4	89.2	91.3	91.8	94.2	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800		1 .3	82.5	89.4	91.	92.0	94.6	95.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700		.1	82.6	89.7	91.8	92.5	95.2	96.5	96.	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600		.1	82.6	89.8	91.9	92.6	95.5	96.8	97.	97.6	98.	98.0	98.0	98.0	98.0	98.0
≥ 500		10.1	82.6	89.8	91.9	92.6	95.5	97.	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		0.1	82.6	89.9	92.2	92.8	95.9	97.6	97.8	98.6	99.	99.0	99.0	99.	99.	99.
≥ 300		.1	82.6	89.9	92.2	92.	95.9	97.6	97.8	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200		.1	82.6	89.9	92.3	92.9	96.	97.7	98.0	98.8	99.2	99.2	99.5	99.7	99.7	99.7
≥ 100		.1	82.6	89.9	92.3	92.9	96.	97.7	98.	98.8	99.2	99.2	99.5	99.7	100.0	100.0
≥ 0		10.1	82.6	89.9	92.3	92.9	96.	97.7	98.	98.8	99.2	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



CL AL CLIMATOLOGY BRANCH
ETAC
A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5'7' (STATION) ILDENHALL RAF K (STATION NAME) 4-8' (YEARS) 2C' (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1?:0-1720 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (GE9)	≥5 (GE8)	≥4 (GE6)	≥3 (GE48)	≥2½ (GE4)	≥2 (GE32)	≥1½ (GE24)	≥1¼ (GE2)	≥1 (GE16)	≥¾ (GE1)	≥½ (GE10)	≥¼ (GE03)	≥S 16 (GE05)	≥. (GE24)	≥0 (GE0)
NO CEILING		24.	25.8	26.9	27.5	27.5	27.7	27.7	27.8	28.	28.	28.	28.	28.0	28.0	28.0
≥ 20000		3 .2	35.4	37.4	38.1	38.1	38.4	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000		34.	36.0	37.1	38.7	38.7	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 16000		34.	36.	38.1	38.7	38.7	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000		34.	36.3	38.4	39.	39.0	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 12000		3 .0	37.5	39.6	4 .2	4 .2	40.5	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000		3 .2	39.7	42.0	42.8	42.8	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 9000		3 .8	41.4	44.1	44.9	44.8	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 8000		43.	45.6	48.9	49.8	49.8	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 7000		4 .5	47.3	.6	51.5	51.5	52.	52.2	52.3	52.	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000		45.	47.7	51.1	51.9	51.9	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.	52.8
≥ 5000		4 .8	50.6	54.4	55.3	55.3	55.8	55.9	56.	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500		4.4	56.3	0.3	61.2	61.2	61.7	61.8	61.9	62.0	62.	62.	62.0	62.0	62.0	62.
≥ 4000		.5	62.5	66.7	67.5	67.5	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500		6.3	69.4	72.7	73.7	73.7	74.2	74.5	74.6	74.7	74.	74.7	74.7	74.7	74.7	74.7
≥ 3000		2.3	74.6	79.5	8 .4	80.4	81.3	81.8	82.	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500		4.8	77.4	82.5	83.4	83.4	84.3	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000		7 .9	81.8	87.0	88.0	88.0	89.0	89.7	89.9	90.0	90.	90.0	90.0	90.0	90.0	90.0
≥ 1800		7 .	81.9	87.3	88.3	88.3	89.4	89.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		8 .1	83.	89.4	90.5	90.5	91.6	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200		10.6	83.8	9 .3	91.6	91.6	93.3	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		1.0	84.2	91.4	92.9	92.9	94.7	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900		.0	84.2	91.4	92.9	92.9	94.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800		1.1	84.3	91.6	93.1	93.1	9 .1	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700		11.4	84.6	92.	93.5	93.5	95.6	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600		1.6	84.8	92.7	94.3	94.3	96.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400		.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 300		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 200		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.4	9 .6	99.6	99.6	99.6	99.6
≥ 100		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.5	99.7	99.7	99.7	99.9	100.0
≥ 0		1.6	84.8	92.8	94.4	94.4	96.6	98.2	98.7	99.4	99.5	99.7	99.7	99.7	99.9	0.0

TOTAL NUMBER OF OBSERVATIONS 93?

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

GL PAL CLIMATOLOGY BRANCH
L AFETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 7	ILDENHALL RAF K	4-87	O T
STATION	STATION NAME	YEARS	MONTH

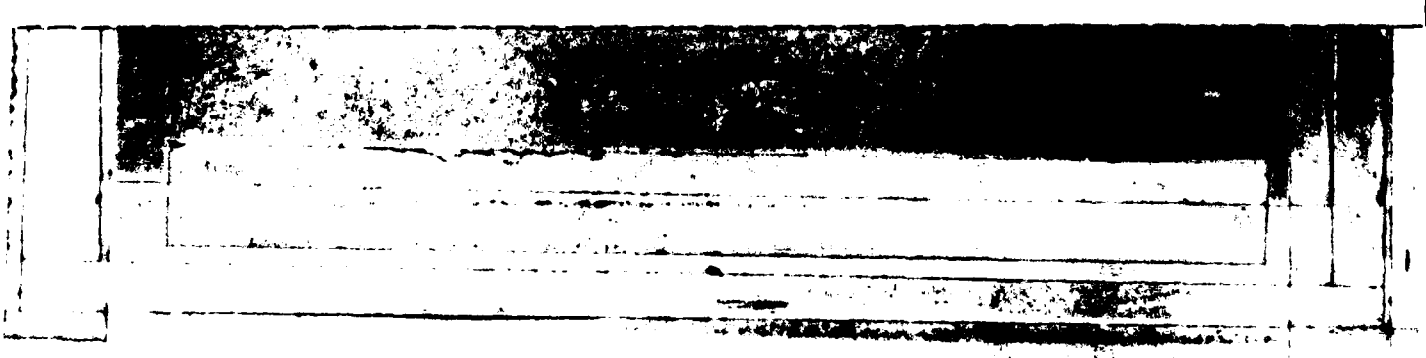
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-2400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)																
	≥10 5/8	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE48	≥5 GE4	≥4 GE32	≥3½ GE24	≥3 GE2	≥2½ GE16	≥2 GE1	≥1¼ GE10	≥1 GE03	≥5/8 16 GE05	≥½ GE04	≥0 GE0
NO CEILING		2 .4	29.8	32.4	33.7	33.9	35.3	35.9	35.9	36.	36.1	36.1	36.1	36.	36.1	36.1
≥ 20000		33.	35.1	38.7	40.1	40.4	41.9	42.5	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000		3 .0	35.4	39.0	40.4	40.8	42.2	42.8	42.8	42.9	43.	43.0	43.0	43.0	43.0	43.0
≥ 16000		3 .	35.4	39.	4 .4	40.8	42.2	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.	43.0
≥ 14000		3 .	35.4	39.	4 .4	40.8	42.2	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000		3 .1	35.5	39.1	4 .5	40.9	42.3	42.9	42.9	43.	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000		35.	37.2	40.9	42.5	42.8	44.3	44.9	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 9000		3 .7	39.1	42.8	44.4	44.7	46.3	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000		. .3	42.3	46.8	48.4	48.9	50.6	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000		1.	43.2	47.7	49.5	49.9	51.9	52.6	52.6	52.7	52.	52.8	52.8	52.8	52.8	52.8
≥ 6000		2.1	44.7	48.3	5 .1	50.4	52.5	53.1	53.1	53.2	53.3	53.3	53.3	5 .3	53.3	53.3
≥ 5000		3.2	44.8	49.6	51.5	51.9	54.	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500		4 .2	48.8	53.8	56.2	56.7	58.7	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000		4.7	56.6	62.5	65.2	65.7	67.8	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500		5 .	61.9	67.1	69.8	7 .3	72.8	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000		4.6	66.5	73.9	76.7	77.2	79.7	81.	81.2	81.3	81.4	81.4	81.4	81.	81.4	81.4
≥ 2500		6 .1	69.4	77.3	80.1	80.6	83.2	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000		.0	77.3	91.8	84.6	85.2	88.1	89.7	89.9	90.0	90.1	9 .1	9 .1	90.1	9 .1	90.1
≥ 1800		1.	73.3	81.8	84.7	85.	88.2	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500		1.7	74.2	83.3	86.5	87.	9 .0	91.8	92.	92.	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		2.4	74.9	84.8	89.2	38.7	92.3	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		2.7	75.3	85.3	88.6	89.1	92.7	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900		.7	75.3	85.3	88.6	89.1	92.7	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800		2.7	75.3	85.5	88.8	89.4	93.0	5.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700		72.9	75.5	86.	89.4	89.9	93.5	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600		72.9	75.5	86.1	89.5	9 .3	94.1	97.	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		72.9	75.5	86.2	89.7	90.2	94.4	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		7 .	75.5	86.2	89.7	90.2	94.5	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300		72.9	75.5	86.2	89.7	90.2	94.5	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.4
≥ 200		72.9	75.5	86.2	89.7	9 .2	94.5	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.4
≥ 100		7 .9	75.5	86.2	89.7	9 .2	94.5	97.7	98.3	98.8	98.9	99.	99.1	99.1	99.1	99.8
≥ 0		72.9	75.5	86.2	89.7	90.2	94.5	97.7	98.3	98.8	98.9	99.	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 5[illegible]

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



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

CEILING VERSUS VISIBILITY

[illegible] STATION | ILDENHALL RAF [illegible] STATION NAME | 4-8[illegible] YEARS | [illegible] MONTH

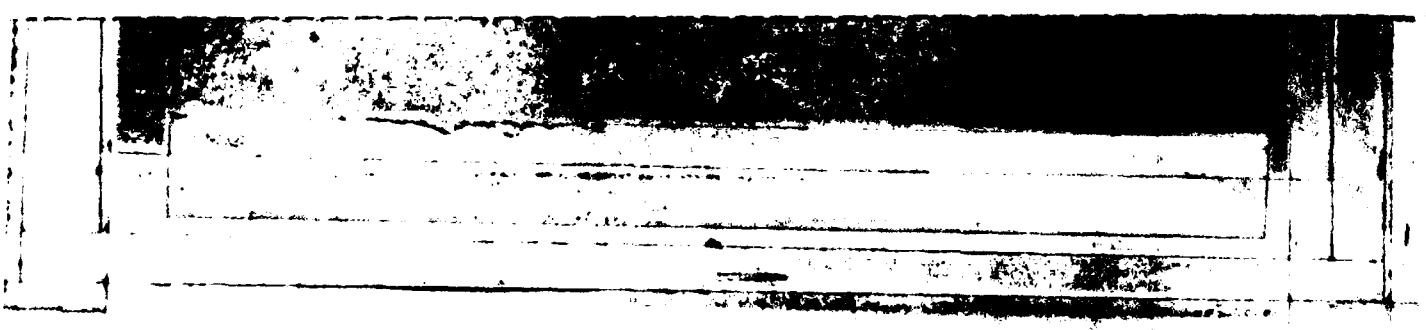
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥⅞ GE1	≥¾ GE10	≥⅝ GE09	≥5/16 GE05	≥½ GE04	≥0 GE
NO CEILING		31.1	32.7	37.5	39.5	39.5	4 .4	41.1	42.	43.	43.1	43.2	43.5	43.8	47.9	44.3
≥ 20000		34.0	35.	40.9	43.1	43.1	44.4	45.2	46.1	47.2	47.3	47.4	47.7	48.	48.1	48.5
≥ 18000		3 .1	36.0	41.0	43.1	43.2	44.5	45.3	46.2	47.3	47.4	47.5	47.8	48.1	48.2	48.6
≥ 16000		3 .1	36.	41.	43.1	43.2	44.5	45.3	46.2	47.3	47.4	47.5	47.8	48.1	48.2	48.6
≥ 14000		3 .1	36.	41.0	43.1	43.2	44.5	45.3	46.2	47.3	47.4	47.5	47.8	48.1	48.2	48.6
≥ 12000		3 .2	36.1	41.1	43.2	43.3	44.6	45.4	46.3	47.4	47.5	47.6	48.	48.2	48.3	48.7
≥ 10000		35.	37.7	42.9	45.1	45.2	46.5	47.2	48.2	49.2	49.4	49.5	49.8	5 .0	5[illegible].1	5[illegible].5
≥ 9000		3 .7	40.0	45.2	47.3	47.4	48.7	49.5	50.4	51.5	51.6	51.7	52.	52.3	52.4	52.9
≥ 8000		.4	42.7	48.2	5 .5	50.6	51.9	52.7	53.7	54.7	54.8	54.9	55.3	55.5	55.6	56.
≥ 7000		1.	43.2	48.7	51.1	51.2	52.7	53.4	54.4	55.[illegible]	55.6	55.7	56.0	56.2	56.3	56.8
≥ 6000		1.3	43.2	48.7	51.1	51.2	52.7	53.4	54.4	55.5	55.6	55.7	56.0	56.2	56.3	56.8
≥ 5000		42.	45.5	51.2	53.5	53.7	55.2	55.9	56.9	58.[illegible]	58.1	58.2	58.5	58.7	58.8	59.2
≥ 4500		.4	48.4	54.3	56.7	56.8	58.5	59.2	60.3	61.4	61.5	61.6	61.9	62.2	62.3	62.7
≥ 4000		1.5	54.5	61.	63.5	63.8	65.6	66.5	67.5	68.6	68.7	68.8	69.1	69.4	69.5	69.9
≥ 3500		4.5	57.5	64.6	67.2	67.4	69.6	7 .5	7 .4	72.8	72.9	73.0	73.3	73.5	73.7	74.1
≥ 3000		5 .8	62.3	7 .6	73.3	73.5	75.7	76.8	77.8	79.	79.1	79.2	79.6	79.8	79.9	80.3
≥ 2500		1.4	64.9	74.0	76.7	77.0	79.2	8 .4	81.5	82.7	82.8	82.9	83.2	83.4	83.5	84.
≥ 2000		4.3	6 .4	77.5	80.2	80.5	83.1	84.3	85.6	86.9	87.	87.1	87.4	87.6	87.7	88.2
≥ 1800		4.3	68.4	77.5	80.1	80.6	83.5	84.7	86.0	87.3	87.4	87.5	87.8	88.1	88.2	88.6
≥ 1500		6.	69.8	79.2	82.5	82.8	85.9	87.	88.5	89.8	89.9	90.0	90.3	90.5	90.6	91.1
≥ 1200		6.6	7 .4	80.1	83.4	83.8	87.5	88.8	9 .1	91.4	91.5	9 .6	91.9	92.2	92.3	92.7
≥ 1000		56.	70.9	81.3	84.6	84.9	88.7	9 .1	91.3	92.6	92.7	92.8	93.1	93.3	93.4	93.9
≥ 900		66.	71.0	81.5	84.8	85.2	88.9	90.2	91.5	92.9	93.	93.1	93.4	93.7	93.8	94.2
≥ 800		6 .1	71.2	81.9	85.1	85.6	89.3	91.4	92.7	94.2	94.3	94.4	94.7	95.2	95.3	95.7
≥ 700		6 .4	71.5	82.5	85.8	86.1	9 .4	92.1	93.4	95.2	95.3	95.4	95.7	96.2	96.3	96.8
≥ 600		6 .4	71.5	82.6	86.	86.3	9 .8	92.5	93.8	95.5	95.6	95.7	96.0	96.6	96.7	97.1
≥ 500		6 .4	71.5	82.8	86.2	86.6	91.3	93.	94.3	96.1	96.1	96.2	96.6	97.1	97.2	97.6
≥ 400		6 .4	71.5	82.8	86.2	86.6	91.6	93.3	94.6	96.3	96.5	96.6	96.9	97.4	97.5	98.
≥ 300		6 .4	71.	82.8	86.2	86.6	91.7	93.4	94.8	96.6	96.7	96.9	97.2	97.7	97.8	98.3
≥ 200		6 .4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	97.0	97.3	97.8	98.2	98.9
≥ 100		6 .4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	97.0	97.3	97.8	98.4	99.7
≥ 0		6 .4	71.5	82.8	86.2	86.6	91.7	93.4	94.8	96.7	96.8	97.	97.3	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



GL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 7 STATION | ILDENHALL RAF K STATION NAME | 4-8 YEARS | OCT MONTH

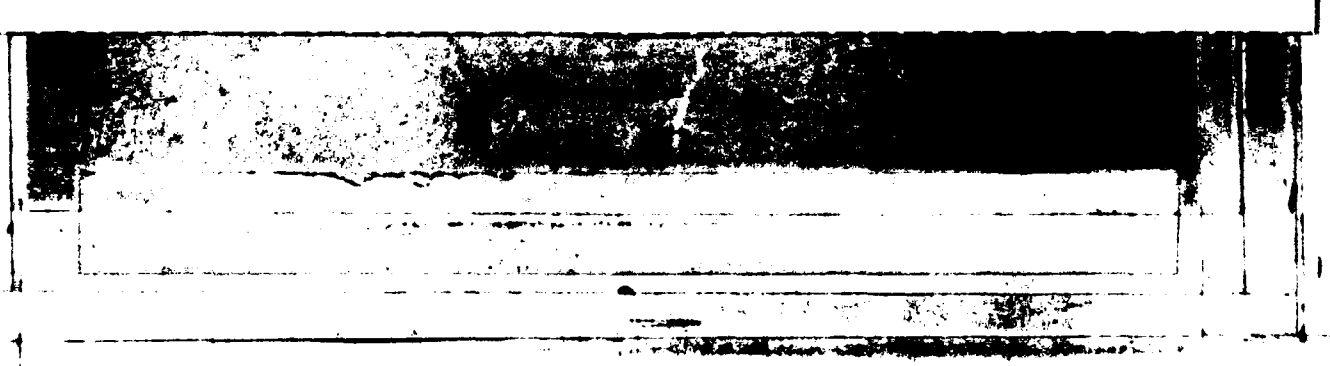
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (IN HUNDREDS OF METERS)															
	≥10 (16)	≥9	≥5 (8)	≥4 (6.4)	≥3 (4.8)	≥2 (3.2)	≥1 (2.4)	≥1/2 (1.2)	≥1/4 (0.8)	≥1/8 (0.4)	≥1/16 (0.2)	≥0 (0.1)	≥0 (0.08)	≥0 (0.05)	≥0 (0.04)	≥0 (0.02)
NO CEILING		29.2	29.7	31.9	32.3	32.5	33.9	34.2	34.5	34.9	34.8	35.0	35.1	35.2	35.5	35.8
≥ 20000		31.1	33.4	37.2	38.8	39.1	40.2	41.1	41.4	41.9	41.8	42.0	42.1	42.3	42.5	42.8
≥ 18000		31.1	33.5	37.5	39.1	39.3	40.5	41.3	41.7	42.	42.1	42.3	42.4	42.6	42.8	43.1
≥ 16000		31.1	33.5	37.5	39.1	39.3	40.5	41.3	41.7	42.	42.1	42.3	42.4	42.6	42.8	43.1
≥ 14000		30.0	33.3	37.6	39.2	39.4	40.6	41.5	41.9	42.2	42.2	42.4	42.5	42.7	42.9	43.2
≥ 12000		29.4	34.3	38.1	39.7	40.0	41.1	42.0	42.4	42.7	42.8	42.9	43.0	43.3	43.5	43.8
≥ 10000		32.7	36.1	40.0	41.8	42.1	43.3	44.2	44.6	45.3	45.1	45.3	45.4	45.6	45.8	46.1
≥ 9000		35.1	37.6	41.8	43.5	43.8	45.1	46.	46.4	46.9	46.9	47.1	47.2	47.4	47.6	48.0
≥ 8000		37.9	41.0	45.8	47.7	48.1	49.4	50.4	50.9	51.3	51.4	51.6	51.7	51.9	52.1	52.5
≥ 7000		38.8	41.9	46.7	48.7	49.0	50.4	51.4	51.9	52.3	52.5	52.6	52.7	53.	53.2	53.5
≥ 6000		39.7	42.1	46.9	48.9	49.2	50.6	51.6	52.0	52.5	52.7	52.8	52.9	53.2	53.4	53.7
≥ 5000		40.2	44.4	49.5	51.5	51.8	53.4	54.4	54.9	55.	55.5	55.7	55.8	56.0	56.2	56.6
≥ 4500		44.6	47.9	53.4	55.5	55.8	57.5	58.5	59.1	59.7	59.9	60.0	60.1	60.3	60.5	60.9
≥ 4000		41.4	53.3	59.8	62.1	62.6	64.4	65.5	66.1	66.8	66.9	67.1	67.2	67.5	67.7	68.1
≥ 3500		44.6	57.2	63.7	66.1	66.6	68.6	69.8	70.4	71.1	71.3	71.5	71.6	71.8	72.1	72.4
≥ 3000		45.1	61.3	69.2	71.6	72.1	74.3	75.7	76.3	77.1	77.3	77.5	77.6	77.8	78.1	78.4
≥ 2500		51.4	64.3	72.2	74.8	75.3	77.7	79.2	79.8	80.6	80.	80.9	81.1	81.3	81.5	81.9
≥ 2000		54.3	67.4	75.5	78.3	78.8	81.4	83.0	83.6	84.5	84.6	84.8	84.9	85.2	85.4	85.7
≥ 1800		54.4	67.5	75.7	78.5	79.0	81.7	83.2	83.9	84.8	84.9	85.1	85.3	85.5	85.7	86.1
≥ 1500		55.3	69.1	77.8	80.9	81.4	84.3	85.9	86.6	87.5	87.7	87.9	88.1	88.3	88.5	88.8
≥ 1200		56.3	69.6	78.9	82.1	82.7	85.8	87.4	88.1	89.6	89.8	90.0	90.1	90.3	90.5	90.9
≥ 1000		56.3	70.2	80.2	83.4	83.9	87.3	89.3	90.1	91.1	91.3	91.5	91.6	91.9	92.1	92.4
≥ 900		66.3	70.3	80.2	83.6	84.1	87.5	89.6	90.5	91.5	91.7	91.9	92.0	92.3	92.5	92.8
≥ 800		66.1	70.9	80.6	84.0	84.6	88.1	90.5	91.4	92.5	92.7	92.9	93.1	93.3	93.5	93.9
≥ 700		66.3	70.7	81.0	84.5	85.1	88.7	91.2	92.1	93.3	93.5	93.7	93.9	94.2	94.4	94.8
≥ 600		66.4	70.8	81.3	84.8	85.4	89.2	92.0	92.9	94.2	94.4	94.7	94.9	95.1	95.4	95.7
≥ 500		66.4	70.8	81.3	84.9	85.5	89.5	92.3	93.3	94.7	94.9	95.2	95.4	95.7	96.0	96.3
≥ 400		66.4	70.9	81.4	85.1	85.6	89.7	92.7	93.7	95.1	95.4	95.7	95.9	96.2	96.4	96.7
≥ 300		66.4	70.9	81.4	85.1	85.7	89.8	92.8	93.9	95.5	95.8	96.1	96.4	96.7	97.0	97.3
≥ 200		66.4	70.9	81.4	85.1	85.7	89.9	92.9	94.1	95.7	96.	96.5	96.9	97.3	97.7	98.4
≥ 100		66.4	70.9	81.4	85.1	85.7	89.9	93.0	94.1	95.7	96.0	96.5	96.9	97.4	97.9	99.4
≥ 0		66.4	70.9	81.4	85.1	85.7	89.9	93.0	94.1	95.7	96.0	96.5	96.9	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7	ILDENHALL RAF K	4-8	NOV
STATION	STATION NAME	YEARS	MONTH

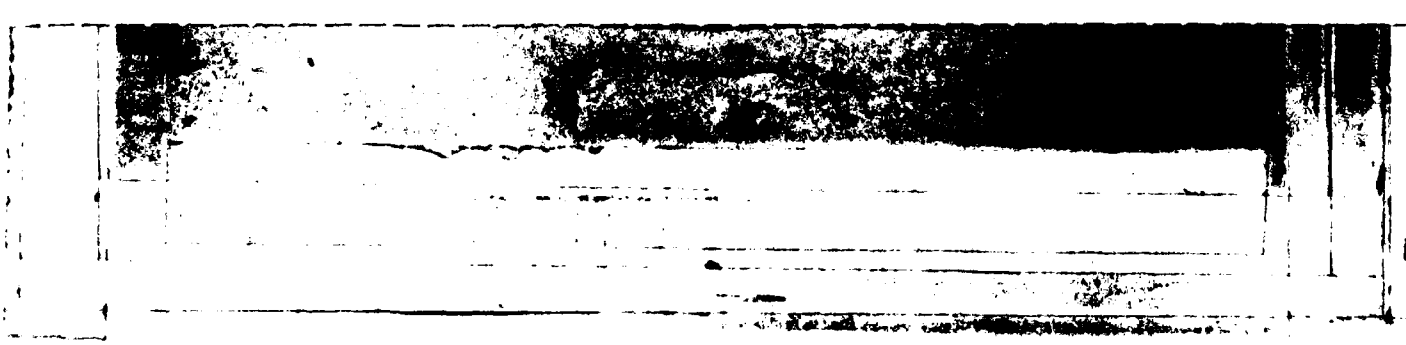
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-2 00
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1	≥½ GE.8	≥⅜ GE.6	≥5/16 GE.5	≥0 GE.0
NO CEILING		30.1	31.4	36.1	36.6	36.9	39.4	39.7	4 .6	4 .9	4 .9	4 .9	41.1	41.6	43.1
≥ 20000		3.2	34.1	39.2	39.7	40.1	41.9	43.1	44.2	44.7	44.7	44.7	44.9	45.3	46.1	47.
≥ 18000		3.1	34.2	39.3	39.8	40.2	42.0	43.2	44.3	44.8	44.8	44.8	45.	45.4	46.2	47.1
≥ 16000		3.3	34.2	39.3	39.8	40.2	42.0	43.2	44.3	44.8	44.8	44.8	45.0	45.4	46.2	47.1
≥ 14000		3.3	34.2	39.3	39.8	4 .2	42.1	43.2	44.3	4 .8	44.8	44.8	45.0	45.4	46.2	47.1
≥ 12000		3.3	34.2	39.3	39.8	4 .2	42.1	43.2	44.3	44.8	44.8	44.8	45.0	45.4	4 .2	47.1
≥ 10000		34.	35.9	40.9	41.3	41.8	43.8	45.2	46.3	46.9	46.8	46.8	47.	47.4	48.2	49.1
≥ 9000		7 .1	6.2	41.4	41.9	42.3	44.4	45.9	47.0	47.4	47.4	47.4	47.7	48.1	48.9	49.8
≥ 8000		37.	39.6	45.3	45.9	46.3	48.6	50.0	51.3	51.8	51.8	51.8	52.0	52.4	53.2	54.1
≥ 7000		3 .1	39.9	45.8	46.2	46.8	49.	50.4	51.5	52.2	2.2	52.2	52.4	52.9	53.7	54.6
≥ 6000		3 .1	39.9	45.9	46.4	47.	49.2	50.7	52.	52.4	52.4	52.4	52.7	53.1	53.9	54.8
≥ 5000		3.0	41.9	48.4	49.2	49.8	52.	53.4	54.3	55.2	55.2	55.2	55.4	55.9	56.7	57.6
≥ 4500		4.2	46.3	53.4	54.2	54.8	57.1	58.6	59.9	60.3	6 .3	6 .3	6 .6	61.	61.9	62.7
≥ 4000		.4	52.9	6 .4	61.3	61.9	64.2	65.7	67.1	67.6	67.6	67.6	67.8	68.2	69.	69.9
≥ 3500		3.2	55.7	64.3	65.4	66.1	68.6	7 .1	71.9	7 .0	72.0	72.0	72.2	72.7	73.4	74.3
≥ 3000		5 .2	59.7	67.9	69.1	69.8	72.2	74.1	75.6	76.1	76.1	76.1	76.3	76.8	77.6	78.4
≥ 2500		5 .3	61.0	70.3	72.1	72.8	75.2	77.1	78.6	79.1	79.1	79.1	79.3	79.8	8 .6	81.4
≥ 2000		50.	64.1	4.8	76.7	76.7	79.1	81.2	82.7	83.2	83.2	83.2	83.4	83.9	84.7	85.6
≥ 1800		1.1	64.4	75.2	76.6	77.2	79.	81.9	83.3	83.9	84.0	84.0	84.2	84.7	85.4	86.3
≥ 1500		2.3	65.7	76.9	78.3	78.9	81.3	83.7	85.	85.7	85.	85.8	86.0	86.4	87.2	88.1
≥ 1200		3.1	66.9	78.1	79.4	8 .1	82.7	85.1	86.7	87.2	87.3	87.3	87.6	88.0	88.8	89.7
≥ 1000		63.	68.0	79.6	81.1	81.7	84.2	86.7	88.2	88.8	88.9	88.9	89.1	89.6	9 .7	91.2
≥ 900		4.1	68.7	80.2	81.7	82.3	84.9	87.3	88.9	89.4	89.6	89.6	89.8	9 .2	91.	91.9
≥ 800		64.	69.	80.8	82.1	83.4	86.6	89.1	90.7	91.2	91.3	91.3	91.6	92.	92.8	93.7
≥ 700		64.	69.	80.9	82.8	83.8	86.9	89.4	91.1	91.7	91.8	91.8	92.0	92.4	93.2	94.1
≥ 600		5.	69.1	81.1	83.4	84.4	87.7	9 .3	91.9	92.6	92.7	9 .7	92.9	93.3	94.1	95.
≥ 500		5.1	69.2	81.2	83.6	84.6	87.8	9 .8	92.3	93.2	93.3	93.3	93.6	94.	94.8	95.7
≥ 400		5.2	69.3	81.3	83.7	84.7	87.9	91.0	92.8	93.9	94.	94.0	94.2	94.7	95.4	96.3
≥ 300		5.2	69.3	1.3	83.7	84.7	88.0	91.1	93.0	94.4	94.6	94.7	94.9	95.4	96.7	97.7
≥ 200		5.2	69.3	81.3	83.7	84.7	88.0	1.2	93.1	94.8	94.9	95.0	95.3	96.2	97.7	98.7
≥ 100		5.2	69.3	81.3	83.7	84.7	88.	91.2	93.	94.8	94.9	95.0	95.6	96.4	97.9	99.3
≥ 0		5.2	69.3	81.3	83.7	84.7	88.	91.2	93.1	94.8	94.9	95.	95.6	96.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9 0

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



GL RAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[ ]5771 ILDENHALL RAF K 4-67 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥⅜	≥¼	≥0	
	≥16	≥15	≥11	≥8	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	
NO CEILING		29.1	29.6	33.2	35.4	35.9	37.	38.1	38.6	38.7	38.7	38.7	38.7	38.8	39.2	40.1
≥ 20000		29.8	31.2	35.1	37.6	38.0	39.2	4 .2	40.8	40.9	40.9	41.1	41.2	41.1	41.6	42.4
≥ 18000		30.0	31.4	35.3	37.8	38.2	39.4	40.4	41.1	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 16000		30.0	31.4	35.3	37.8	38.2	39.4	40.4	41.0	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 14000		30.0	31.4	35.3	37.8	38.2	39.4	4 .4	41.	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 12000		30.0	31.4	35.3	37.8	38.2	39.4	4 .4	41.	41.1	41.1	41.2	41.2	41.3	41.8	42.7
≥ 10000		31.1	32.4	36.7	39.2	39.8	41.	42.	42.6	42.7	42.7	42.8	42.8	42.9	43.3	44.2
≥ 9000		30.0	33.4	37.6	40.3	40.9	42.2	43.2	43.8	43.9	43.9	44.1	44.0	44.1	44.6	45.4
≥ 8000		34.1	36.1	41.	43.8	44.3	45.	46.1	47.3	47.6	47.6	47.7	47.7	47.8	48.2	49.1
≥ 7000		34.4	36.9	41.8	44.6	45.1	46.4	47.4	48.	48.3	48.3	48.4	48.4	48.6	49.0	49.9
≥ 6000		34.4	36.9	41.8	44.6	45.1	46.4	47.4	48.1	48.3	48.3	48.4	48.4	48.6	49.0	49.9
≥ 5000		34.6	39.3	44.7	47.4	48.0	49.3	5 .3	51.	51.2	51.2	51.3	51.3	51.4	51.9	52.8
≥ 4500		41.0	42.9	48.2	51.1	51.7	53.0	54.2	54.9	55.1	55.1	55.2	55.2	55.3	55.8	56.7
≥ 4000		47.1	5 .1	56.4	59.3	59.9	61.3	62.7	63.3	63.9	63.9	64.0	64.0	64.1	64.6	65.7
≥ 3500		50.0	52.2	57.7	62.8	63.3	64.8	66.1	66.8	67.3	67.3	67.4	67.4	67.6	68.0	69.1
≥ 3000		53.2	55.7	64.1	67.4	68.	69.7	71.7	72.3	72.9	72.9	73.	73.0	73.1	73.6	74.7
≥ 2500		55.1	59.4	67.3	70.8	71.9	73.	74.9	75.8	76.3	76.3	76.4	76.4	76.6	77.	78.1
≥ 2000		55.7	61.	71.9	75.4	76.0	77.7	79.7	80.4	81.0	81.	81.1	81.1	81.2	81.7	82.8
≥ 1800		55.9	61.8	72.2	75.8	76.3	78.1	80.0	80.8	81.3	81.6	81.7	81.7	81.8	82.2	83.3
≥ 1500		56.4	63.4	74.6	78.1	78.7	80.3	82.3	83.1	83.7	83.9	84.0	84.0	84.1	84.6	85.8
≥ 1200		62.7	65.1	77.2	80.9	81.4	83.2	85.3	86.2	86.8	87.	87.1	87.1	87.2	87.7	88.9
≥ 1000		62.1	66.2	78.3	82.1	82.7	84.4	86.6	87.6	88.1	88.3	88.4	88.4	88.6	89.	90.2
≥ 900		62.1	66.3	77.4	82.3	82.9	84.7	86.8	87.8	88.3	88.6	88.7	88.7	88.8	89.2	9 .4
≥ 800		63.2	66.9	79.2	83.3	83.9	85.7	8 .8	88.8	89.4	89.7	89.8	89.8	89.9	90.3	91.6
≥ 700		63.2	66.9	79.3	83.4	84.	85.9	88.1	89.1	89.9	90.0	90.1	90.1	90.3	90.8	92.0
≥ 600		63.2	66.9	79.4	83.9	84.4	86.8	89.	90.0	90.7	90.9	91.0	91.0	91.2	91.7	92.9
≥ 500		63.3	67.1	79.7	84.1	84.7	87.1	89.8	91.1	91.8	92.	92.1	92.1	92.4	92.9	94.1
≥ 400		63.1	67.3	79.7	84.2	84.8	87.3	90.2	91.6	92.2	92.6	92.7	92.7	93.	93.4	94.7
≥ 300		63.3	67.	79.7	84.2	84.8	87.3	90.2	91.8	92.6	93.0	93.3	93.3	94.0	94.8	96.0
≥ 200		63.3	67.	79.9	84.6	85.1	87.7	9 .6	92.1	93.0	93.4	94.1	94.1	95.1	95.9	97.1
≥ 100		63.3	67.1	79.9	84.6	85.1	87.7	9 .6	92.1	93.	93.7	94.3	94.3	95.4	96.2	99.3
≥ 0		63.3	67.0	79.9	84.6	85.1	87.7	9 .6	92.1	93.	93.7	94.3	94.3	95.4	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

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

CEILING VERSUS VISIBILITY

'6'7' (STATION) ILDENHALL RAF [illegible] (STATION NAME) 4-8[illegible] (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-[illegible]800 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4[illegible]	≥2½ GE4	≥2 GE3[illegible]	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE8	≥5/16 GE5	≥¼ GE4	≥0 GE[illegible]
NO CEILING		2.3	23.3	25.7	26.9	27.1	28.	29.6	29.	29.7	3 .3	3 .3	3 .1	30.[illegible]	1.3	31.8
≥ 20000		2 .6	26.6	29.2	30.4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 18000		2 .6	26.	29.2	30.4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 16000		2 .6	26.6	29.2	3 .4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 14000		2 .6	26.6	29.2	3 .4	30.7	31.1	32.2	32.7	33.3	33.8	33.8	33.9	34.1	34.8	35.6
≥ 12000		2 .6	26.6	29.2	3 .6	30.9	31.8	32.3	32.8	33.4	33.9	33.9	34.[illegible]	34.2	34.9	35.7
≥ 10000		2 .3	28.0	31.1	32.9	33.0	34.0	34.6	35.	35.7	36.1	36.1	36.2	36.4	37.1	37.9
≥ 9000		2 .8	28.9	32.0	33.7	33.9	34.9	35.4	35.[illegible]	36.6	37.	37.[illegible]	37.1	37.3	38.	38.8
≥ 8000		[illegible]1.	33.1	36.7	38.3	38.6	39.[illegible]	40.3	40.8	41.4	41.9	41.9	42.0	42.2	42.9	43.7
≥ 7000		3.	34.2	37.9	39.6	39.8	4 .8	41.6	42.[illegible]	4[illegible].7	43.1	43.1	43.2	43.4	44.1	44.9
≥ 6000		[illegible]3.1	34.3	38.	39.7	39.9	41.	41.8	42.2	42.9	43.3	43.3	43.4	43.7	44.3	45.1
≥ 5000		3 .1	36.1	40.3	42.1	42.3	43.6	44.4	44.[illegible]	45.7	46.1	46.1	46.2	46.6	47.2	48.[illegible]
≥ 4500		[illegible] .	42.6	45.1	46.9	47.1	48.3	49.2	49.7	50.4	50.9	5 .9	51.[illegible]	51.3	52.[illegible]	52.8
≥ 4000		45.	47.	52.6	54.4	54.7	5 .0	57.2	57.9	59.0	59.4	59.6	59.7	60.0	6 .7	61.4
≥ 3500		.2	51.7	58.2	6 .1	[illegible].3	61.7	63.1	63.9	65.1	5.6	65.7	65.8	66.1	66.8	67.6
≥ 3000		53.	55.3	62.	64.7	64.4	65.8	67.4	68.2	69.6	7 .0	7[illegible].1	7[illegible].3	70.7	[illegible].3	72.1
≥ 2500		5.6	57.2	64.3	66.3	66.9	68.6	7 .3	71.1	72.6	73.	73.1	73.3	73.7	74.3	75.1
≥ 2000		5 .8	[illegible].6	68.9	71.2	71.8	73.8	75.7	76.4	78.0	78.6	78.7	78.9	79.2	79.9	8 .7
≥ 1800		5 .2	61.	69.4	71.8	72.3	74.3	76.2	77.[illegible]	78.6	79.1	79.2	79.4	79.8	8[illegible].4	81.2
≥ 1500		[illegible].2	63.2	72.1	74.9	75.7	78.	79.9	80.8	82.4	[illegible].0	83.1	83.3	83.7	84.3	85.1
≥ 1200		62.8	64.8	74.3	77.2	78.[illegible]	8[illegible].7	82.6	83.7	85.4	86.	86.[illegible]	86.4	86.8	87.4	88.2
≥ 1000		3.0	65.0	74.9	77.8	78.6	81.3	83.4	84.8	86.6	87.1	87.3	87.6	87.9	88.6	89.3
≥ 900		3.1	65.3	75.3	78.2	79.1	81.9	84.3	85.7	87.4	88.[illegible]	88.2	88.4	88.8	89.4	9[illegible].2
≥ 800		3.2	65.6	75.7	78.6	79.4	[illegible]2.3	84.9	86.2	88.1	88.7	88.9	89.1	89.4	9[illegible].1	90.9
≥ 700		3.3	65.8	75.9	79.	79.9	83.1	85.9	87.2	89.1	89.7	89.9	90.1	90.4	91.1	91.9
≥ 600		3.4	65.9	76.2	79.4	8 .3	83.8	86.7	88.1	9 .0	90.6	9 .8	91.0	91.3	92.0	92.8
≥ 500		3.6	66.2	76.3	79.6	80.7	84.1	87.9	89.3	91.2	91.8	92.	92.3	92.7	93.3	94.1
≥ 400		3.	66.0	76.3	79.6	80.7	84.1	88.1	89.6	91.7	92.2	92.4	92.9	93.4	94.1	94.9
≥ 300		3.6	66.	76.3	79.6	80.[illegible]	84.1	88.6	90.1	92.6	93.1	93.4	94.1	95.2	96.2	97.[illegible]
≥ 200		3.6	66.	76.3	79.6	8[illegible].7	84.1	88.6	90.1	92.6	93.2	93.6	94.2	95.4	96.6	97.6
≥ 100		3.6	66.	76.3	79.6	8[illegible].7	84.1	88.6	9 .1	92.7	93.3	93.7	94.3	95.7	96.9	99.3
≥ 0		3.6	66.	76.3	79.6	80.7	84.1	88.6	90.1	92.7	93.3	93.7	94.3	95.7	97.1[illegible]	0.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GL -AL CLIMATOLOGY BRANCH
U /FETAC
A' WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | ILDENHALL RAF K STATION NAME | 4-2[illegible] YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00- 12[illegible] HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3½	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥0
NO CEILING		[illegible].3	21.3	23.7	25.1	25.2	25.[illegible]	26.6	27.1	27.3	27.7	27.8	27.8	27.9	[illegible].0	28.1
≥ 20000		2[illegible].[illegible]	27.2	30.2	31.8	32.2	33.2	34.	34.6	35.[illegible]	35.3	35.4	35.4	35.6	35.7	35.9
≥ 18000		2 .4	27.8	30.[illegible]	32.3	32.3	33.8	34.6	35.1	35.6	35.9	36.	36.[illegible]	36.1	36.2	36.4
≥ 16000		2 .4	27.8	3 .8	32.3	[illegible].[illegible]	33.8	34.6	35.1	35.6	35.9	36.0	36.0	36.1	36.2	36.4
≥ 14000		2 .4	27.8	3 .8	32.3	32.3	33.8	34.6	35.1	35.6	3[illegible].9	36.0	36.[illegible]	36.1	36.2	36.4
≥ 12000		26.	28.1	31.1	32.[illegible]	33.1	34.1	34.9	35.4	35.9	36.2	36.3	36.3	36.4	36.6	36.8
≥ 10000		2 .[illegible]	30.1	33.2	34.[illegible]	35.3	36.6	37.3	37.[illegible]	38.3	38.7	38.8	38.8	38.9	39.[illegible]	39.2
≥ 9000		2 .4	[illegible].[illegible]	34.0	35.[illegible]	36.1	37.[illegible]	38.1	38.7	39.1	39.4	39.6	39.6	39.7	39.8	4[illegible].0
≥ 8000		33.	35.1	38.8	4 .4	40.[illegible]	42.3	43.2	43.[illegible]	44.2	44.6	44.7	44.[illegible]	44.[illegible]	45.[illegible]	45.2
≥ 7000		33.	37.4	41.2	42.[illegible]	43.3	44.[illegible]	45.7	46.[illegible]	[illegible]6.7	47.0	47.1	47.1	47.2	47.4	47.7
≥ 6000		3 .1	37.8	41.6	43.2	43.7	45.1	46.	46.6	47.	47.3	47.4	47.4	47.6	47.8	48.[illegible]
≥ 5000		[illegible] .1	39.[illegible]	43.8	45.4	45.9	47.6	48.7	49.[illegible]	5[illegible].[illegible]	50.3	5[illegible].4	5 .4	5[illegible].6	5[illegible].8	[illegible]1.[illegible]
≥ 4500		[illegible].2	44.1	48.6	52.3	5[illegible].3	52.4	53.7	54.[illegible]	55.	55.3	55.4	55.4	55.6	55.[illegible]	56.[illegible]
≥ 4000		46.	[illegible]9.1	53.[illegible]	55.[illegible]	56.2	53.2	59.7	60.[illegible]	61.3	61.7	61.8	61.8	61.9	62.1	62.3
≥ 3500		2.	54.[illegible]	59.9	62.[illegible]	[illegible]2.[illegible]	[illegible]4.[illegible]	66.2	66.8	67.9	68.2	68.3	68.3	68.[illegible]	68.[illegible]	68.9
≥ 3000		56.	59.4	64.8	67.	67.7	69.8	71.4	72.[illegible]	73.1	[illegible].4	73.6	73.6	73.7	73.9	[illegible]4.1
≥ 2500		5 .0	60.[illegible]	66.8	69.1	69.8	72.	[illegible]4.1	[illegible]4.[illegible]	75.8	76.1	76.2	76.[illegible]	76.[illegible]	[illegible]6.6	76.8
≥ 2000		[illegible].0	62.[illegible]	69.8	72.[illegible]	[illegible]3.6	76.[illegible]	78.6	79.[illegible]	8 .4	80.9	81.[illegible]	81.[illegible]	81.1	81.3	[illegible]1.6
≥ 1800		[illegible].1	[illegible]3.[illegible]	[illegible]0.0	[illegible]3.1	[illegible]4.[illegible]	[illegible]7.[illegible]	[illegible]9.1	[illegible]9.[illegible]	81.	81.4	[illegible]1.6	81.6	81.[illegible]	81.9	[illegible]2.1
≥ 1500		1.6	64.[illegible]	72.3	75.[illegible]	[illegible].8	[illegible]0.[illegible]	[illegible]2.1	[illegible]2.[illegible]	84.2	84.[illegible]	84.8	84.8	84.9	85.1	85.3
≥ 1200		3.3	66.[illegible]	[illegible]4.9	[illegible]9.4	[illegible]9.4	93.	[illegible]5.	85.9	87.3	[illegible]7.8	[illegible]7.9	87.9	88.[illegible]	88.2	88.4
≥ 1000		3.6	67.4	[illegible]5.6	[illegible]9.1	[illegible] .3	[illegible]4.[illegible]	[illegible]6.8	87.8	89.2	[illegible]9.7	89.8	89.9	90.[illegible]	[illegible]0.2	90.[illegible]
≥ 900		3.6	67.4	[illegible]5.7	[illegible]9.2	[illegible] .6	[illegible]4.7	[illegible]7.1	[illegible]8.1	89.6	[illegible] .[illegible]	[illegible]1.1	[illegible] .2	[illegible]0.3	[illegible]1.6	[illegible]0.8
≥ 800		3.	67.4	76.0	79.6	[illegible]1.0	[illegible]5.1	[illegible]7.7	[illegible]8.8	[illegible]0.4	[illegible]1.9	[illegible]1.1	[illegible]1.2	[illegible]1.3	[illegible]1.6	[illegible]1.8
≥ 700		3.7	67.7	[illegible]6.4	[illegible]0.1	[illegible]1.6	[illegible]6.1	[illegible]8.9	[illegible]0.1	[illegible]1.8	[illegible]2.2	[illegible]2.4	[illegible]2.6	[illegible]2.7	[illegible]2.9	[illegible]3.1
≥ 600		[illegible]3.8	67.8	[illegible]6.6	8 .2	[illegible]1.7	[illegible]6.2	[illegible]9.[illegible]	[illegible]0.2	[illegible]1.[illegible]	[illegible]2.3	[illegible]2.6	[illegible]2.7	[illegible]2.8	[illegible]3.0	[illegible]3.2
≥ 500		[illegible]3.8	67.8	[illegible]6.8	8 .4	[illegible]1.9	[illegible]6.7	[illegible]9.4	[illegible] .7	[illegible]2.9	[illegible]3.3	[illegible]3.7	[illegible]3.8	[illegible]3.[illegible]	[illegible]4.1	[illegible]4.3
≥ 400		[illegible]3.8	67.8	[illegible]6.8	[illegible]0.6	[illegible]2.	[illegible]6.8	[illegible]9.9	[illegible]1.2	[illegible]3.4	[illegible]3.9	[illegible]4.3	[illegible]4.4	[illegible]4.6	[illegible]4.8	[illegible]5.[illegible]
≥ 300		[illegible]3.8	[illegible] .8	[illegible]6.8	[illegible]0.6	[illegible]2.[illegible]	[illegible]6.8	[illegible]0.1	[illegible]1.6	[illegible]4.[illegible]	[illegible]4.6	[illegible]5.1	[illegible]5.3	[illegible]5.6	[illegible]5.9	[illegible]6.4
≥ 200		[illegible]3.8	[illegible]7.8	[illegible]6.8	[illegible]0.6	[illegible]2.[illegible]	[illegible]6.8	[illegible]0.1	[illegible]1.6	[illegible]4.2	[illegible]4.8	[illegible]5.4	[illegible]5.7	[illegible]5.9	[illegible]6.2	[illegible]6.[illegible]
≥ 100		[illegible]3.8	[illegible]7.8	[illegible]6.8	[illegible] .6	[illegible]2.[illegible]	[illegible]6.8	[illegible]0.[illegible]	[illegible]1.6	[illegible]4.2	[illegible]4.8	[illegible]5.6	[illegible]5.8	[illegible]6.1	[illegible]6.9	[illegible]9.6
≥ 0		[illegible]3.8	[illegible]7.8	[illegible]6.8	[illegible] .6	[illegible]2.[illegible]	[illegible]6.8	[illegible]0.[illegible]	[illegible]1.6	[illegible]4.2	[illegible]4.8	[illegible]5.6	[illegible]5.8	[illegible]6.2	[illegible]7.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]0

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

L AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7577 ILDENHALL RAF K — 4-8? YEARS — NOV MONTH

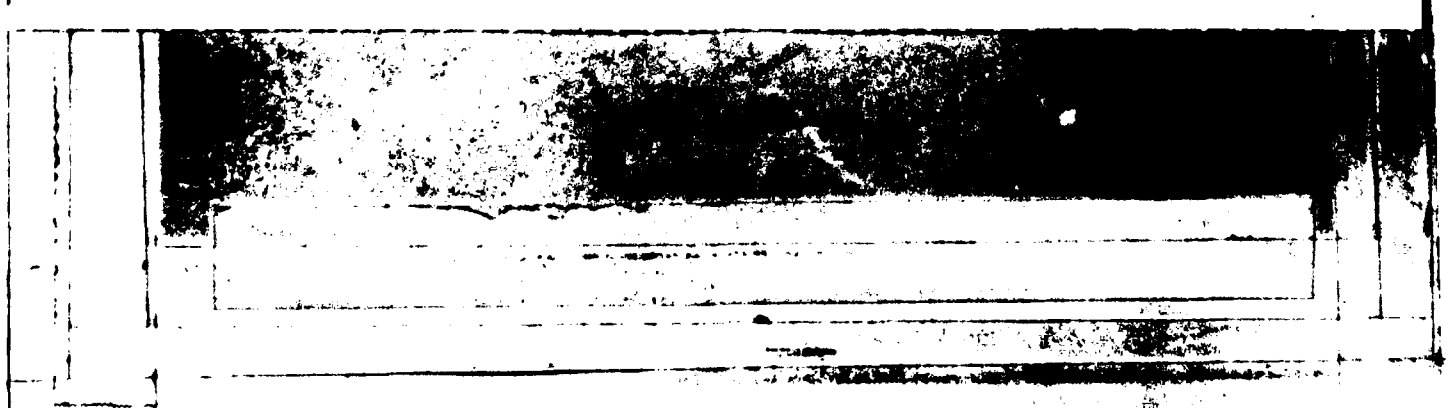
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 0-1922 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)														
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2 GE4	≥2 GE3.1	≥1 GE2.4	≥1 GE2	≥1 GE1.6	≥ GE1	≥ GE.10	≥ GE.8	≥5/16 GE.5	≥ GE.4	≥0 GE0
NO CEILING	2.2	22.4	23.9	24.4	24.6	25.1	25.1	25.2	25.2	25.3	25.3	25.3	25.3	5.7	25.9	
≥ 20000	30.4	31.1	33.1	33.3	34.0	34.9	34.9	35.	35.1	35.2	35.2	35.2	35.2	35.6	35.8	
≥ 18000	30.	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1	
≥ 6000	3 .	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1	
≥ 14000	3 .	31.4	33.4	34.2	34.3	35.1	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.9	36.1	
≥ 12000	31.2	31.	33.9	34.7	34.8	35.6	35.7	35.8	35.8	36.	36.0	36.1	6.0	36.3	36.6	
≥ 10000	33.	34.4	36.6	37.3	37.4	38.2	38.3	38.4	38.4	38.8	38.8	38.8	38.8	39.1	39.3	
≥ 9000	35.	36.	37.7	39.4	39.6	40.3	40.4	40.5	40.6	40.9	4 .9	41.9	41.9	41.2	41.4	
≥ 8000	.4	41.2	43.7	44.4	44.7	4 .4	45.6	45.7	45.7	46.1	46.1	46.1	46.1	46.4	46.7	
≥ 7000	2.	4 .	45.4	46.3	46.6	47.3	47.4	47.6	47.6	48.0	4 .0	48.0	48.0	48.3	48.6	
≥ 6000	3.3	43.1	45.3	46.7	46.9	47.7	47.8	47.9	47.9	48.3	48.3	48.3	48.3	48.7	48.9	
≥ 5000	4.3	45.1	48.0	49.7	49.9	5 .1	5 .2	5 .4	5 .4	51.1	51.1	51.1	51.1	51.4	51.7	
≥ 4500	4 .8	48.8	52.1	53.2	53.4	54.1	54.4	54.7	54.7	55.3	55.3	55.3	55.3	55.7	55.9	
≥ 4000	51.	53.1	56.7	57.8	58.2	59.2	5 .3	59.6	59.6	60.2	60.2	60.2	60.2	6 .6	6 .8	
≥ 3500	55.	57.2	61.1	62.4	62.9	64.	64.2	64.4	6 .4	65.1	65.1	65.1	65.1	65.4	65.7	
≥ 3000	.7	62.4	66.7	68.	68.6	7 .7	7 .3	7 .6	7 .6	71.2	71.2	7 .2	71.2	71.6	71.8	
≥ 2500	3.7	65.9	70.7	72.2	72.8	74.3	75.1	75.3	75.7	76.3	76.3	76.3	76.3	76.7	76.9	
≥ 2000	6.3	69.8	74.0	75.8	76.4	78.3	79.1	79.3	79.7	8 .3	8 .3	8 .6	8 .6	8 .9	81.1	
≥ 1800	6.4	69.	74.2	76.	76.7	78.6	7 .3	79.6	79.9	80.6	80.6	80.8	80.8	81.1	91.3	
≥ 1500	6 .7	72.7	78.2	8 .3	81.1	82.9	83.7	83.9	84.3	85.0	85.0	85.2	85.2	85.6	35.8	
≥ 1200	71.4	74.7	8 .8	83.3	84.	96.3	97.2	87.4	88.2	88.9	88.9	89.1	89.1	89.4	89.7	
≥ 1000	1.8	75.1	92.2	84.9	85.6	88.1	89.2	89.4	9 .3	91.	91.1	91.2	91.2	91.6	91.8	
≥ 900	71.9	7 .1	82.2	85.0	85.7	88.3	89.6	89.8	90.7	91.3	91.3	91.6	91.6	91.9	92.1	
≥ 800	72.3	75.8	83.2	86.	86.7	89.1	9 .9	91.2	92.1	92.9	92.9	93.1	93.1	93.4	93.7	
≥ 700	72.4	75.9	83.6	86.3	87.	9 .4	92.1	92.3	93.3	94.0	94.0	94.2	94.2	94.6	94.8	
≥ 600	72.4	75.9	83.6	86.3	87.1	9 .6	92.1	92.4	93.3	94.1	94.1	94.4	94.4	94.8	95.0	
≥ 500	2.4	75.9	83.6	86.3	87.0	90.6	92.1	92.7	93.8	94.6	94.6	95.	95.	95.3	95.6	
≥ 400	.4	75.9	83.6	86.4	87.1	90.7	92.4	93.0	94.3	95.1	95.1	95.6	95.6	95.9	96.1	
≥ 300	72.4	75.9	83.6	86.4	87.1	90.7	92.8	93.3	95.3	96.2	96.2	96.7	97.1	97.4	97.8	
≥ 200	72.4	75.9	83.6	86.4	87.1	9 .7	92.8	93.3	95.4	96.6	96.6	97.1	97.6	98.1	96.3	
≥ 100	72.4	75.9	83.6	86.4	87.1	9 .7	92.8	93.3	95.4	96.6	96.6	97.1	98.0	98.8	100.0	
≥ 0	72.4	75.9	83.6	86.4	87.1	90.7	92.8	93.3	95.4	96.6	96.6	97.1	98.	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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



SL RAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75'7' (STATION) ILDENHALL RAF K (STATION NAME) 4-8? (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0- 700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS F METERS)															
	≥10	≥9	≥8	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING		1.1	22.7	23.2	24.	24.1	24.	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 20000		.6	29.9	32.0	32.9	33.0	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 18000		.9	30.7	32.3	33.2	33.3	34.1	34.4	34.8	35.0	35.	35.	35.0	35.0	35.0	35.0
≥ 16000		.9	3 .2	32.3	33.2	33.3	34.1	34.4	34.8	35.0	35.0	35.0	35.0	35.0	35.	35.0
≥ 14000		.1	3 .4	32.6	33.4	33.6	34.3	34.7	35.	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000		.1	30.4	32.6	33.4	33.6	34.3	34.7	35.	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 11000		31.	33.9	35.1	36.0	36.2	37.	37.3	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 10000		2.	33.7	35.1	36.8	37.0	37.8	38.1	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 9000		.7	4 .3	42.7	43.6	43.8	44.6	45.0	45.3	45.8	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000		.9	41.7	44.2	45.1	45.3	46.1	46.6	46.9	47.3	7.4	47.4	47.4	47.4	47.4	47.4
≥ 7000		0	41.9	44.3	45.2	45.4	46.2	46.7	47.	47.4	47.6	47.6	47.6	47.6	47.6	47.6
≥ 6000		2.2	44.1	46.8	47.7	47.9	48.7	49.4	49.8	5 .2	5 .4	5 .4	5 .4	5 .4	5 .4	5 .4
≥ 5000		44.	46.8	50.0	51.9	51.1	52.2	53.1	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4500		1.1	53.3	56.8	57.7	57.9	59.2	60.2	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000		5.3	57.8	61.2	62.2	62.4	64.	65.	65.	66.0	6.3	66.3	66.3	66.3	66.3	66.3
≥ 3500		1.2	64.	67.9	69.	69.2	71.	72.	72.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000		4.4	67.6	71.6	72.9	73.2	75.3	76.3	76.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500		6.	69.9	4.3	76.0	76.4	78.8	79.8	80.2	81.4	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000		66.	7 .2	74.7	76.	76.8	79.1	0.1	80.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800		6 .	72.6	77.3	79.8	8 .3	82.8	94.	84.4	85.9	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500		0.1	74.6	8 .2	82.8	83.3	85.9	87.1	87.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200		1.4	76.1	82.4	85.2	85.8	88.4	89.9	9 .4	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000		.4	76.1	82.7	85.7	86.2	89.0	90.4	91.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900		1.3	76.8	83.6	86.6	87.1	90.4	92.0	92.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800		71.7	76.9	83.7	86.9	87.4	91.1	92.9	93.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700		71.9	76.9	83.7	86.9	87.4	91.1	92.9	93.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600		71.9	76.9	83.8	87.0	87.6	91.4	93.4	94.4	96.3	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		71.9	76.9	3.8	87.0	87.6	91.6	93.6	94.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3
≥ 400		71.9	76.9	83.8	87.1	87.6	91.6	93.7	94.9	97.1	97.6	97.7	97.7	97.8	97.8	98.
≥ 300		71.9	76.9	83.8	87.1	87.6	91.6	93.8	95.	97.2	97.7	97.8	97.8	98.1	98.1	98.7
≥ 200		71.9	76.9	83.8	87.	87.6	91.6	93.8	95.	97.2	97.7	97.8	97.8	98.2	98.8	100.0
≥ 100		71.9	76.9	83.8	87.0	87.6	91.6	93.8	95.	97.2	97.7	97.8	97.8	98.2	98.8	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 930

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

OL RA[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]57[illegible] STATION | [illegible]ILDENHALL RAF K STATION NAME | 4-67 YEARS | [illegible]N[illegible] MONTH

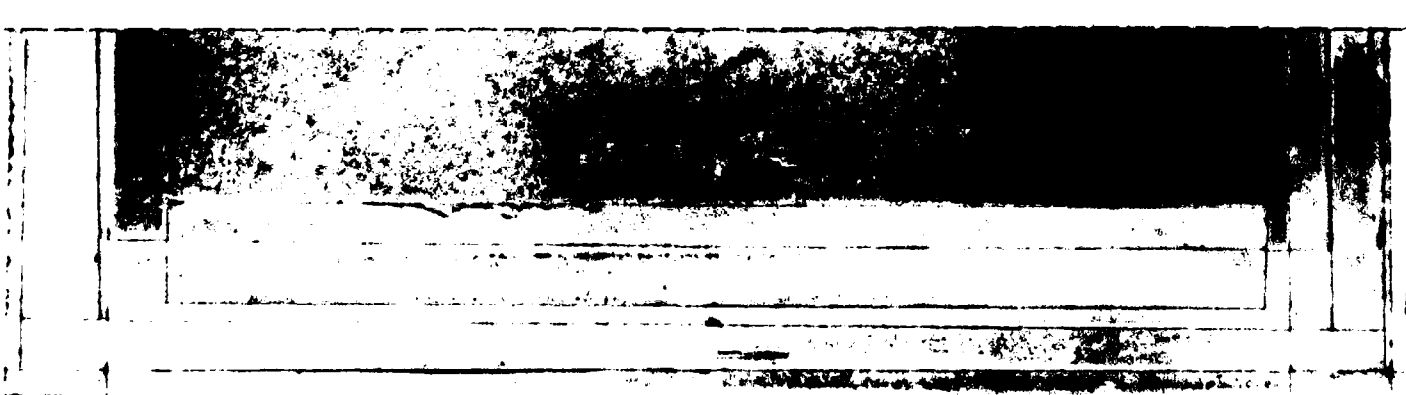
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0 0-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 (≥16)	≥6 (≥9.6)	≥5 (≥8)	≥4 (≥6.4)	≥3 (≥4.8)	≥2½ (≥4)	≥2 (≥3.2)	≥1½ (≥2.4)	≥1¼ (≥2)	≥1 (≥1.6)	≥¾ (≥1.2)	≥½ (≥1)	≥⅜ (≥.8)	≥5/16 (≥.5)	≥¼ (≥.4)	≥0 (≥0)
NO CEILING		.1	30.[illegible]	33.1	34.3	34.8	35.3	35.9	36.	36.3	36.4	36.4	36.6	36.6	36.7	37.1
≥ 20000		[illegible]1.[illegible]	33.[illegible]	36.8	38.1	[illegible]8.[illegible]	39.6	40.2	4[illegible].3	4[illegible].[illegible]	4[illegible].8	4[illegible].8	4[illegible].9	4[illegible].9	41.	41.4
≥ 18000		[illegible]1.	33.[illegible]	36.8	38.1	[illegible]8.[illegible]	39.6	40.2	40.3	40.7	4[illegible].8	4[illegible].8	4[illegible].9	4[illegible].9	41.	41.4
≥ 16000		[illegible]1.	33.[illegible]	36.8	38.	[illegible]8.[illegible]	39.6	40.2	40.3	40.7	40.8	40.8	40.9	40.9	41.	41.4
≥ 14000		[illegible]1.	33.[illegible]	36.8	38.1	[illegible]8.[illegible]	39.6	4[illegible].2	4[illegible].3	40.7	40.8	40.8	40.9	40.9	41.0	41.4
≥ 12000		[illegible]1.	33.[illegible]	36.8	38.1	38.7	39.6	4[illegible].2	4[illegible].3	40.7	40.8	4[illegible].8	4[illegible].9	40.9	41.0	41.4
≥ 10000		33.	35.4	38.8	40.1	40.8	41.[illegible]	42.3	42.4	42.8	42.9	42.9	43.[illegible]	43.[illegible]	43.1	43.6
≥ 9000		3[illegible].1	[illegible]6.0	39.3	40.7	41.3	42.2	42.9	43.0	43.3	43.4	43.4	43.6	43.6	43.7	44.1
≥ 8000		[illegible].2	4[illegible].2	43.9	45.2	45.9	46.9	47.6	48.0	48.3	48.6	48.6	48.7	48.7	48.9	49.3
≥ 7000		[illegible].	41.4	45.1	46.4	47.1	48.1	48.8	49.2	49.6	49.8	49.8	49.9	49.9	50.1	50.6
≥ 6000		[illegible].1	41.6	45.3	46.7	47.5	48.3	49.[illegible]	49.4	49.8	5[illegible].2	5[illegible].2	5[illegible].1	50.1	50.3	50.8
≥ 5000		[illegible].3	43.1	47.1	48.4	49.1	50.1	51.[illegible]	51.4	51.8	52.[illegible]	52.[illegible]	52.[illegible]1	52.1	52.3	52.8
≥ 4500		45.[illegible]	[illegible]8.0	53.3	54.8	55.4	56.4	57.3	57.8	58.2	58.4	58.4	58.6	58.6	58.8	59.2
≥ 4000		1.6	55.1	59.8	61.4	[illegible]2.2	3.6	64.4	64.9	65.4	65.7	65.7	65.8	65.9	66.2	66.8
≥ 3500		5[illegible].2	6[illegible].1	65.3	67.1	68.[illegible]	69.6	7[illegible].4	7[illegible].9	71.4	71.7	71.7	71.8	71.9	72.2	72.8
≥ 3000		[illegible].3	64.4	69.8	71.6	72.4	74.[illegible]	74.9	75.6	76.1	76.3	76.4	76.6	76.7	77.[illegible]	77.6
≥ 2500		3.1	67.[illegible]	73.4	75.2	76.1	77.[illegible]	78.8	79.6	8[illegible].1	8[illegible].3	8[illegible].4	8[illegible].6	8[illegible].7	81.[illegible]	81.6
≥ 2000		6.	71.3	77.1	79.9	80.8	82.4	[illegible]3.8	84.6	85.1	85.3	85.4	85.6	85.7	86.	86.6
≥ 1800		6.4	71.4	78.6	8[illegible].7	[illegible]1.6	83.2	[illegible]4.6	85.3	85.9	96.1	86.2	86.3	86.4	86.8	87.3
≥ 1600		67.[illegible]	72.9	8[illegible].4	82.6	[illegible]3.4	[illegible]5.1	[illegible]6.6	87.3	87.9	8[illegible].1	98.2	88.3	88.4	88.8	89.3
≥ 1400		6[illegible].8	74.1	82.[illegible]	[illegible]4.1	[illegible]5.[illegible]	86.7	[illegible]8.1	88.9	89.7	89.9	9[illegible].0	9[illegible].1	90.2	90.6	[illegible]1.1
≥ 1200		6[illegible].9	74.9	[illegible]3.1	85.4	[illegible]6.3	[illegible]8.3	89.8	9[illegible].7	91.4	91.8	91.9	92.[illegible]	92.1	92.4	93.[illegible]
≥ 1000		6[illegible].	75.[illegible]	[illegible]3.6	[illegible]5.9	[illegible]6.8	[illegible]8.8	9[illegible].3	91.2	92.[illegible]	92.3	92.4	92.6	92.7	93.[illegible]	93.6
≥ 900		6[illegible].6	75.[illegible]	[illegible]4.[illegible]	[illegible]6.6	[illegible]7.4	[illegible]8.[illegible]	91.1	92.0	92.9	93.2	93.3	93.4	93.6	93.9	94.4
≥ 800		6[illegible].7	75.1	[illegible]4.3	[illegible]6.9	[illegible]7.8	9[illegible].3	[illegible]1.9	[illegible]2.8	93.7	[illegible]4.0	94.1	94.2	94.3	94.7	95.2
≥ 700		6[illegible].8	75.2	[illegible]4.6	87.1	[illegible]8.[illegible]	9[illegible].6	92.3	93.2	94.1	94.4	94.6	9[illegible].7	94.8	95.1	95.7
≥ 600		6[illegible].8	75.2	84.8	87.3	[illegible]8.2	9[illegible].8	92.9	94.2	95.1	95.4	95.6	95.7	95.8	96.1	[illegible]6.7
≥ 500		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	90.9	[illegible]3.0	94.3	95.3	95.7	95.8	95.9	96.[illegible]	96.3	[illegible]6.9
≥ 400		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	[illegible]1.3	[illegible]3.9	95.2	96.2	96.6	96.9	97.1	97.2	97.6	98.1
≥ 300		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	91.[illegible]	[illegible]3.9	95.4	96.6	[illegible].6.9	97.3	97.6	97.7	98.1	98.7
≥ 200		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	91.[illegible]	[illegible]3.9	95.4	96.7	97.[illegible]	97.4	97.8	97.9	98.7	100.0
≥ 100		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	91.[illegible]	[illegible]3.9	95.4	96.7	97.[illegible]	97.4	97.8	97.9	98.7	100.0
≥ 0		6[illegible].8	75.2	84.9	87.4	[illegible]8.3	91.[illegible]	[illegible]3.9	95.4	96.7	97.[illegible]	97.4	97.8	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]0

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1917	ILDENHALL RAF K	44-67	NOV
STATION	STATION NAME	YEARS	MONTH

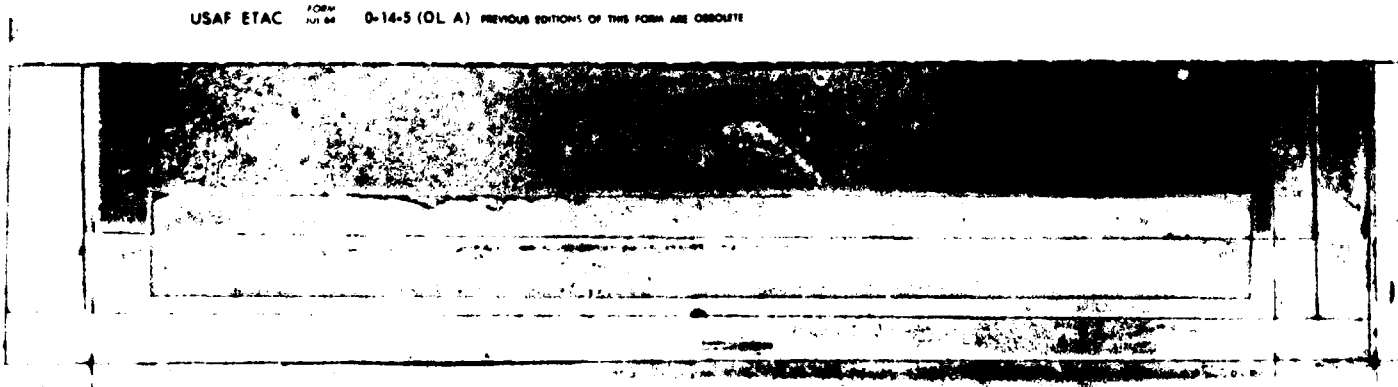
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-23 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (METERS)															
	≥10	≥5	≥3	GE4	GE2½	GE2	GE1½	GE1¼	GE1	GE⅞	GE¾	GE⅝	GE½	GE⅜	GE¼	≥0
NO CEILING		1.0	33.7	36.7	38.4	38.7	39.6	4 .7	41.4	42.1	42.1	42.2	42.3	42.4	42.4	43.7
≥ 20000		33.	35.7	40.1	42.3	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.
≥ 18000		33.	35.7	40.1	42.3	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.7
≥ 16000		33.	35.7	4 .1	42.7	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.7
≥ 14000		33.	35.7	4 .1	42.7	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.7
≥ 12000		33.	35.7	4 .1	42.7	42.2	43.4	44.7	45.4	46.1	46.1	46.2	46.3	46.4	46.4	47.7
≥ 10000		1 .0	37.1	41.7	43.6	43.8	45.	46.2	47.	47.7	47.7	47.8	47.9	48.1	48.1	48.7
≥ 9000		1 .0	37.1	41.8	43.7	43.9	45.1	46.3	47.1	47.8	47.8	47.9	48.0	48.2	48.2	48.9
≥ 8000		1 .0	4 .6	45.1	47.	47.2	48.4	49.7	50.4	51.1	51.1	51.2	51.3	51.6	51.6	52.1
≥ 7000		1 .2	4 .6	45.3	47.2	47.4	48.7	49.9	5 .7	51.3	51.3	51.4	51.6	51.8	51.8	52.3
≥ 6000		1 .3	4 .7	45.7	47.6	47.8	49.1	50.2	51.	51.7	51.7	51.8	51.9	52.1	52.1	52.7
≥ 5000		42.2	42.8	48.0	49.9	50.1	51.3	52.7	53.4	54.1	54.1	54.2	54.3	54.6	54.6	55.1
≥ 4500		44.	47.2	53.7	55.7	55.9	57.3	58.7	59.4	60.1	6 .1	61.2	61.3	61.6	61.6	61.1
≥ 4000		4 .6	53.3	59.4	61.4	62.0	63.4	64.8	65.6	66.2	66.3	66.4	66.6	66.8	66.9	67.4
≥ 3500		3.6	57.7	63.9	66.	66.6	68.1	69.3	7 .1	70.8	70.9	71.0	71.1	71.3	71.4	72.0
≥ 3000		5 .6	60.9	67.6	69.9	7 .8	72.3	73.7	74.4	75.1	75.2	75.3	75.4	75.8	75.9	76.4
≥ 2500		5 .7	65.1	72.3	74.7	75.6	77.1	78.4	79.4	8 .1	8 .2	8 .3	8 .4	8 .8	8 .9	81.4
≥ 2000		6.6	68.1	6.0	73.4	79.3	80.9	82.6	83.7	84.3	84.4	84.6	84.7	85.	85.1	85.7
≥ 1800		7 .0	68.3	76.2	73.7	79.6	81.1	82.7	84.0	84.7	84.8	84.9	85.0	85.3	85.4	86.
≥ 1500		64.	7 .6	78.7	81.1	82.	83.6	85.6	86.7	87.3	87.4	87.6	87.7	88.0	88.1	88.7
≥ 1200		75.8	71.9	80.	82.4	83.3	85.	37.2	88.3	89.	89.1	89.2	89.3	89.7	89.8	90.3
≥ 1000		6.4	72.6	80.7	83.1	84.0	85.8	88.	89.1	89.8	89.9	9 .0	90.1	9 .4	9 .6	91.2
≥ 900		6.4	77.6	1.1	83.6	84.4	86.3	88.6	89.7	90.3	9 .4	9 .6	9 .7	91.	91.1	91.8
≥ 800		66.	73.	81.6	84.	85.0	87.2	89.6	90.7	91.4	91.6	91.7	91.8	92.1	92.2	92.9
≥ 700		66.	73.	81.6	84.2	85.2	87.4	9 .2	91.3	92.1	92.2	92.3	92.4	92.8	92.9	93.6
≥ 600		66.	73.	81.6	84.3	85.4	88.1	9 .7	91.9	92.7	92.8	92.9	93.0	93.3	93.4	94.1
≥ 500		6 .1	73.2	81.8	84.6	85.8	88.6	91.4	93.	93.9	94.	94.1	94.2	94.6	94.7	95.3
≥ 400		6 .1	73.3	81.9	84.7	85.9	88.7	91.6	93.1	94.1	94.2	94.3	94.4	94.8	94.9	95.6
≥ 300		6 .1	73.3	81.9	84.7	85.9	89.0	92.1	93.9	95.0	95.1	95.2	95.4	95.8	96.	97.3
≥ 200		6 .1	73.3	81.9	84.7	85.9	89.	92.1	93.9	95.2	95.4	95.6	95.8	96.2	96.6	97.9
≥ 100		6 .1	73.3	81.9	84.7	85.9	89.	92.1	93.9	95.2	95.4	95.6	96.2	96.8	97.4	99.3
≥ 0		6 .1	73.3	81.9	84.7	85.9	89.	92.1	93.9	95.2	95.4	95.6	96.2	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 910

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



CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ET[illegible]C
A[illegible] FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | ILDENHALL RAF [illegible] STATION NAME | [illegible]-8[illegible] YEARS | NOV MONTH

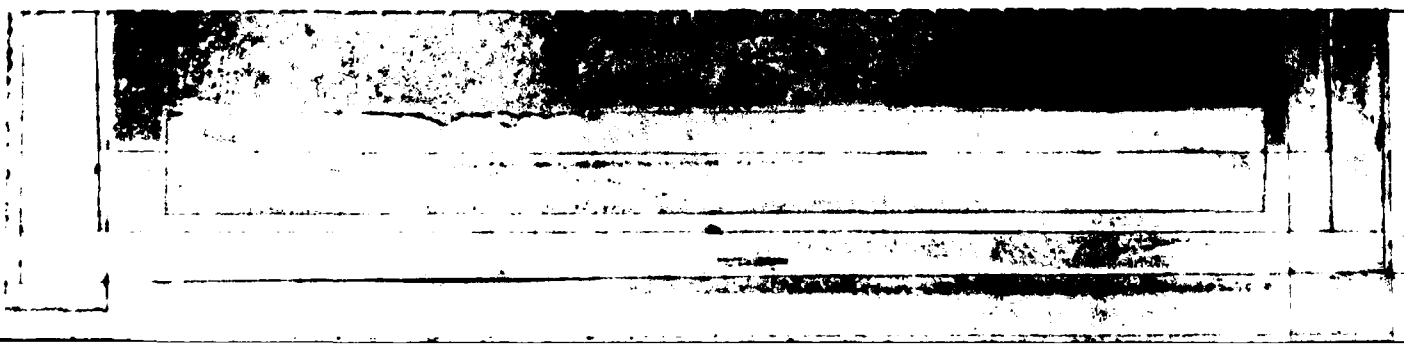
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES (OR HUNDREDS OF METERS)															
	≥10 [illegible]	≥9	≥5/8	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
		[illegible].6	26.7	29.4	3[illegible].7	30.9	1[illegible].9	32.4	32.[illegible]	33.2	33.3	33.3	33.4	33.5	33.8	34.3
NO CEILING		[illegible].9	31.2	34.5	35.8	36.1	37.2	37.9	38.4	38.8	8.9	39.0	39.0	39.2	39.5	40.0
≥ 20000																
≥ 18000		[illegible]0.1	31.4	34.7	36.[illegible]	[illegible]6.3	37.4	38.1	38.6	39.[illegible]	39.1	39.2	39.2	39.4	[illegible]9.7	40.2
≥ [illegible]6000		[illegible]0.1	31.4	34.7	36.[illegible]	[illegible]6.3	37.4	38.1	38.6	39.[illegible]	39.[illegible]	39.2	39.2	39.4	39.7	4[illegible].2
≥ [illegible]4000		[illegible]0.1	[illegible]1.4	34.7	36.[illegible]	[illegible]6.3	37.4	38.2	38.7	39.[illegible]	39.2	39.2	39.3	39.4	39.7	4[illegible].2
≥ [illegible]2000		[illegible].[illegible]	31.5	34.[illegible]	36.[illegible]	[illegible]6.[illegible]	37.5	38.3	38.8	39.1	39.3	39.3	39.4	39.5	39.8	4[illegible].3
≥ 10000		[illegible].[illegible]	33.3	36.[illegible]	38.[illegible]	[illegible]6.5	39.[illegible]	4[illegible].4	4[illegible].[illegible]	41.[illegible]	41.4	41.5	41.5	41.7	42.0	42.5
≥ 9000		[illegible]2.[illegible]	34.1	37.6	39.[illegible]	[illegible]9.4	4[illegible].5	41.3	41.8	42.2	42.3	42.4	42.5	42.6	42.[illegible]	43.4
≥ 8000		3[illegible].7	38.[illegible]	42.1	43.6	44.0	45.2	46.[illegible]	46.6	47.[illegible]	47.2	47.2	47.3	47.4	47.8	48.3
≥ 7000		3[illegible].7	[illegible].4	43.3	44.9	45.2	46.[illegible]	47.2	47.8	48.2	48.4	48.4	48.5	48.7	49.[illegible]	49.5
≥ 6000		3[illegible].8	39.[illegible]	43.5	45.[illegible]	45.[illegible]	4[illegible].8	47.4	48.[illegible]	48.4	48.6	48.7	48.7	48.9	49.2	49.7
≥ 5000		3[illegible].7	41.5	45.9	47.4	47.8	49.1	5[illegible].[illegible]	5[illegible].6	51.1	51.3	51.4	51.4	51.6	51.9	52.4
≥ 4500		43.[illegible]	45.8	5[illegible].6	52.1	[illegible].5	53.9	54.9	55.5	56.[illegible]	56.2	56.3	56.3	56.[illegible]	56.8	57.3
≥ 4000		4[illegible].4	51.7	57.0	58.4	59.1	6[illegible].[illegible]	61.8	62.4	63.[illegible]	63.3	63.3	63.4	63.6	63.9	64.5
≥ 3500		3[illegible].3	55.[illegible]	61.7	63.5	[illegible]4.0	65.7	66.8	67.5	68.1	68.4	68.4	68.5	68.7	69.[illegible]	[illegible]9.6
≥ 3000		5[illegible].[illegible]	60.1	66.3	68.3	68.9	70.6	71.9	72.[illegible]	73.3	73.6	73.7	73.7	73.9	74.3	74.8
≥ 2500		5[illegible].8	63.[illegible]	69.7	71.7	[illegible].3	74.2	75.7	76.4	77.2	77.5	77.5	77.6	77.8	78.2	78.7
≥ 2000		[illegible].5	65.[illegible]	73.5	75.7	76.4	78.4	[illegible].[illegible]	[illegible].[illegible]	81.7	81.[illegible]	82.0	82.1	82.3	82.7	83.2
≥ 1800		[illegible].7	66.2	73.8	76.1	76.8	78.9	[illegible].5	81.3	82.1	82.5	82.5	82.6	[illegible].8	83.2	[illegible]3.7
≥ 1500		4.6	68.2	76.3	78.9	79.6	81.8	83.5	84.3	85.2	85.5	85.6	85.7	85.9	86.2	86.8
≥ 1200		6.0	69.9	[illegible].4	81.1	[illegible].8	84.2	[illegible].0	86.8	87.8	88.2	88.3	88.4	88.6	88.9	89.5
≥ 1000		6.6	[illegible].[illegible]	79.6	82.3	[illegible].1	85.6	[illegible].5	88.5	89.5	89.9	[illegible]0.0	90.1	90.3	[illegible].6	91.2
≥ 900		6.7	[illegible].8	79.9	82.7	[illegible].5	86.1	[illegible].1	[illegible]9.	[illegible]0.0	90.4	90.5	90.6	90.8	91.1	91.7
≥ 800		66.[illegible]	71.2	[illegible].5	[illegible].4	[illegible].3	[illegible].1	[illegible].1	[illegible].[illegible]	91.2	91.6	[illegible]1.7	91.8	[illegible]2.0	[illegible]2.4	[illegible]2.9
≥ 700		6[illegible].[illegible]	71.3	[illegible]0.7	[illegible]3.7	[illegible]4.6	[illegible]7.1	[illegible]9.9	[illegible].9	[illegible]2.1	[illegible]2.4	[illegible]2.5	[illegible]2.6	[illegible]2.8	[illegible]3.2	[illegible]3.8
≥ 600		6.[illegible]	71.3	[illegible]0.[illegible]	[illegible]4.0	[illegible]4.8	[illegible]8.1	[illegible]9.4	[illegible]1.4	[illegible]2.5	[illegible]2.9	[illegible]3.[illegible]	[illegible]3.1	[illegible]3.3	[illegible]3.7	[illegible]4.3
≥ 500		6.[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.1	[illegible]5.0	[illegible]9.4	[illegible]1.0	[illegible]2.3	[illegible]3.5	[illegible]3.9	[illegible]4.0	[illegible]4.2	[illegible]4.4	[illegible]4.8	[illegible]5.3
≥ 400		6.[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.2	[illegible]5.1	[illegible]8.6	[illegible]1.2	[illegible]2.5	[illegible]4.0	[illegible]4.4	[illegible]4.5	[illegible]4.7	[illegible]4.9	[illegible]5.3	[illegible]5.8
≥ 300		6.[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.2	[illegible]5.1	[illegible]8.7	[illegible]1.6	[illegible]3.[illegible]	[illegible]4.7	[illegible]5.1	[illegible]5.3	[illegible]5.6	[illegible]6.0	[illegible]6.5	[illegible]7.3
≥ 200		6[illegible].[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.2	[illegible]5.2	[illegible]8.7	[illegible]1.6	[illegible]3.[illegible]	[illegible]4.9	[illegible]5.4	[illegible]5.7	[illegible]5.9	[illegible]6.5	[illegible]7.1	[illegible]8.[illegible]
≥ 100		6.[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.2	[illegible]5.2	[illegible]8.7	[illegible]1.6	[illegible]3.1	[illegible]4.9	[illegible]5.4	[illegible]5.7	[illegible]6.1	[illegible]6.8	[illegible]7.7	[illegible]9.6
≥ 0		6.[illegible]	71.4	[illegible]1.[illegible]	[illegible]4.[illegible]	[illegible]5.2	[illegible]8.7	[illegible]1.6	[illegible]3.1	[illegible]4.9	[illegible]5.4	[illegible]5.7	[illegible]6.1	[illegible]6.8	[illegible]7.8	[illegible]0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]200

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



GL PAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'S7'	ILDENHALL RAF K	1-8'	D C
STATION	STATION NAME	YEARS	MONTH

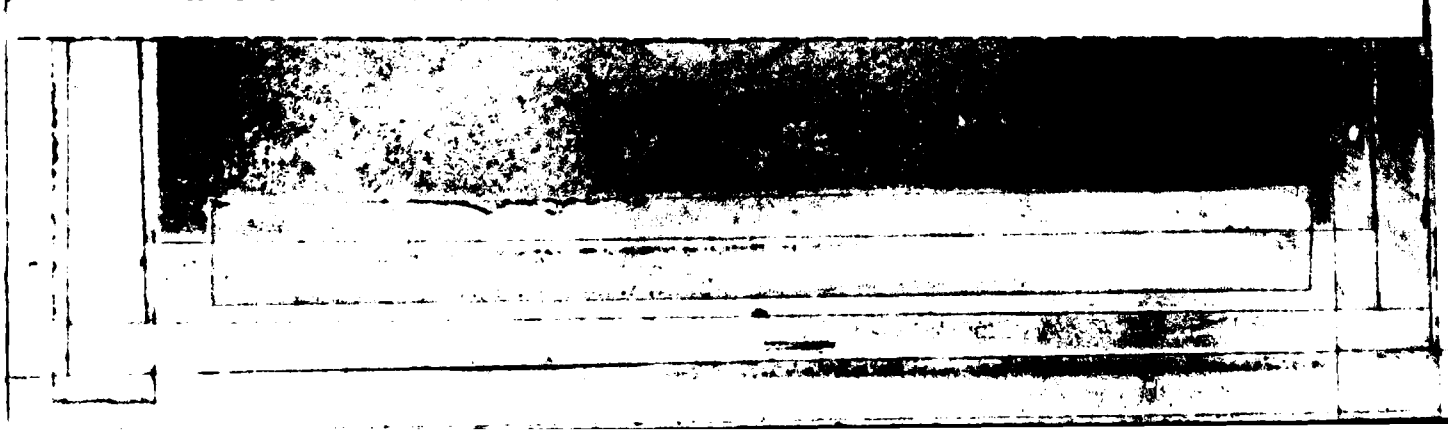
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-00
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)																
	≥10 GE10	≥9 GE9	≥8 GE8	≥6 GE6	≥4 GE4	≥3 GE3	≥2½ GE2½	≥2 GE2	≥1½ GE1½	≥1 GE1	≥¾ GE¾	≥½ GE½	≥¼ GE¼	≥⅛ GE⅛	≥0 GE0
NO CEILING		23.	25.1	29.2	29.9	3 .7	32.4	33.7	34.1	34.2	34.3	34.3	34.4	34.6	34.6	35.4
≥ 20000		27.	27.3	31.8	32.6	32.7	35.1	36.3	36.8	36.9	37.	37.0	37.1	37.3	37.3	38.1
≥ 8000		2 .3	27.3	31.9	32.7	32.8	35.2	36.5	36.9	37.0	37.1	37.1	37.2	37.4	37.4	38.2
≥ 6000		2 .	27.3	31.9	32.7	3 .8	35.2	36.5	36.9	37.0	37.1	37.1	37.2	37.4	37.4	38.2
≥ 4000		2 .1	27.4	32.	32.8	32.9	35.3	36.6	37.	37.1	37.2	37.2	37.3	37.5	37.5	38.3
≥ 2000		2 .1	27.4	32.	32.8	32.9	35.3	36.6	37.	37.1	37.2	37.2	37.3	37.5	37.5	38.3
≥ 10000		2 .6	27.8	32.6	33.3	33.4	35.8	37.1	37.5	37.6	37.7	37.7	37.8	38.1	38.1	38.8
≥ 9000		2 .1	28.3	34.0	34.7	34.8	37.2	38.5	38.9	39.0	39.1	39.1	39.2	39.5	39.5	4 .2
≥ 8000		.e	32.4	37.1	37.8	38.	40.8	42.0	42.6	42.8	42.9	42.9	43.0	43.2	43.3	44.1
≥ 7000		31.	33.1	37.8	38.6	38.7	41.9	43.2	43.4	4 .7	43.8	43.8	43.9	44.1	44.2	44.9
≥ 6000		33.	33.2	33.	38.7	38.8	41.6	43.	43.5	43.8	43.9	43.9	44.	44.2	44.3	45.1
≥ 5000		33.4	34.	40.2	41.0	41.1	44.3	45.7	46.2	46.5	46.6	46.6	46.7	47.	47.1	47.8
≥ 4500		3 .	37.8	43.7	44.5	44.8	48.1	49.7	50.2	50.4	5 .5	5 .5	5 .6	51.	51.1	51.8
≥ 4000		4 .	42.2	43.4	5 .4	50.3	54.2	55.6	56.2	56.5	56.6	56.6	56.7	57.0	57.1	57.8
≥ 3500		4.3	45.9	52.8	54.5	54.8	58.7	6 .1	6 .9	61.1	61.2	61.2	61.3	61.6	61.7	62.7
≥ 3000		4 .4	51.	58.4	6 .1	60.4	64.3	65.9	66.9	67.3	67.4	67.4	67.5	67.8	68.0	68.9
≥ 2500		51.	53.4	61.1	63.1	63.4	67.3	69.4	7 .3	70.8	7 .9	7 .9	71.	71.3	71.4	72.4
≥ 2000		5 .2	5 .2	66.5	68.9	72.9	74.9	76.	76.5	76.6	76.6	76.7	77.	77.1	78.1
≥ 1800		5 .3	53.2	66.7	69.8	69.1	73.1	75.2	76.2	76.7	76.8	76.8	76.9	77.2	77.3	78.3
≥ 1500		5 .5	61.9	71.	73.3	73.9	79.1	8 .	81.2	81.6	81.7	81.7	81.8	82.2	82.3	83.2
≥ 1200		.8	63.2	72.9	75.5	76.	82.2	82.3	83.3	83.8	83.9	83.9	84.0	84.3	84.4	85.4
≥ 1000		1.6	64.2	74.5	77.5	78.1	82.5	84.5	85.6	86.	86.1	86.1	86.2	86.6	86.7	87.6
≥ 900		61.	64.	75.3	78.5	79.0	83.4	85.6	86.7	87.1	87.2	87.2	87.3	87.6	87.7	88.7
≥ 800		2.4	65.3	76.1	79.	79.9	84.3	86.6	87.6	88.1	88.2	88.2	88.3	88.6	88.7	89.7
≥ 700		2.5	65.4	76.5	8 .1	80.5	85.2	7.6	88.7	89.4	89.5	89.5	89.6	89.9	90.0	91.0
≥ 600		2.5	65.4	76.9	8 .5	81.2	86.3	89.	90.1	90.9	91.	9 .0	91.1	91.4	91.5	92.5
≥ 500		2.5	65.4	76.9	80.9	81.5	87.	9 .2	91.1	91.8	91.9	91.9	92.	92.4	92.5	93.4
≥ 400		2.	65.5	77.1	81.1	81.7	87.2	90.4	91.5	92.3	92.4	92.4	92.5	92.8	92.9	93.9
≥ 300		2.7	65.6	77.	81.1	81.7	87.2	90.5	91.6	92.4	92.5	92.5	92.6	93.1	93.2	94.3
≥ 200		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.4	93.5	93.5	94.0	95.1	95.4	97.2
≥ 100		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.5	93.7	93.9	94.4	95.8	97.	99.5
≥ 0		2.7	65.6	77.1	81.1	81.7	87.3	91.1	92.4	93.5	93.7	93.9	94.4	95.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF [illegible] 7-8[illegible] DEC

STATION STATION NAME YEARS MONTH

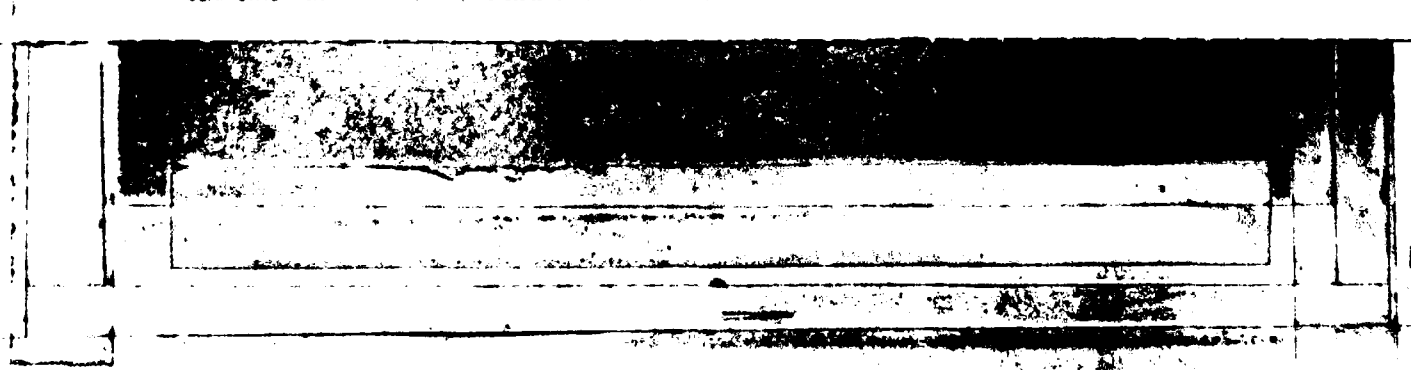
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2500
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2 1/2 GE4	≥2 GE32	≥1 1/2 GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥⅝ GE10	≥½ GE08	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		? .3	26.3	29.7	3 .8	3 .9	32.1	33.3	34.3	34.4	34.5	34.5	34.6	34.7	34.8	35.1
≥ 20000		? .1	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 18000		? .	28.3	32.0	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 16000		? .1	28.3	32.	33.2	33.2	3 .2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 14000		? .1	28.3	32.	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 12000		? .1	28.3	32.	33.2	33.2	35.2	35.8	36.8	36.9	37.1	37.1	37.2	37.3	37.4	37.6
≥ 10000		2 .5	29.7	32.5	33.7	33.7	35.9	36.6	37.5	37.6	37.8	37.8	38.	38.1	38.2	38.4
≥ 9000		2 .0	29.1	32.	34.1	34.1	36.3	37.0	38.0	38.1	38.3	39.3	39.4	38.5	38.6	38.8
≥ 8000		.3	31.5	35.4	36.9	36.9	39.9	40.0	41.1	41.2	41.4	41.4	41.5	41.6	41.7	42.
≥ 7000		1.0	32.2	36.2	37.5	37.5	4 .1	41.2	42.	42.2	42.4	42.4	42.5	42.6	42.7	43.0
≥ 6000		1.1	32.3	36.1	37.6	37.6	4 .1	41.1	42.2	42.3	42.5	42.5	42.6	42.7	42.8	43.1
≥ 5000		2.2	33.4	37.3	38.9	38.9	41.6	42.7	43.9	44.	44.2	44.2	44.3	44.4	44.5	44.8
≥ 4500		3 .5	36.9	41.2	42.9	42.8	45.5	46.6	47.7	47.8	48.1	48.1	48.2	48.3	48.4	48.7
≥ 4000		? .	40.5	45.7	47.4	47.4	50.6	51.9	53.1	53.2	53.4	53.4	53.7	53.8	54.	54.3
≥ 3500		2.	43.7	49.6	51.5	51.5	55.2	56.5	57.8	58.0	58.2	5 .2	58.4	58.5	58.7	59.1
≥ 3000		4 .2	49.1	55.6	57.5	57.5	61.9	63.1	64.5	64.7	64.9	64.9	65.2	65.3	65.5	65.9
≥ 2500		1.0	52.9	59.4	61.5	61.6	65.9	67.6	69.	69.2	69.5	69.5	69.7	69.8	7 .0	70.4
≥ 2000		55.	58.2	65.4	67.5	67.6	71.1	73.9	75.3	75.5	75.7	75.7	75.9	76.	76.2	76.7
≥ 1800		5 .2	58.5	65.8	68.	68.1	72.2	74.3	75.7	75.9	76.1	76.1	76.3	76.5	76.7	77.1
≥ 1500		5 .7	62.2	7 .5	72.8	72.9	77.	79.1	8 .8	81.0	81.2	81.2	81.4	81.5	81.7	82.2
≥ 1200		2.3	64.8	73.9	76.3	76.5	8 .5	82.7	84.3	84.5	84.7	84.7	84.9	85.1	85.3	85.7
≥ 1000		2.4	65.9	75.8	78.6	78.7	82.9	85.2	86.9	87.	87.2	87.2	87.4	87.5	87.7	88.2
≥ 900		6 .1	66.0	76.1	79.9	79.0	83.2	85.5	87.1	87.3	87.5	87.5	87.7	87.8	88.1	88.5
≥ 800		3.1	66.2	76.9	79.7	79.8	84.0	86.2	87.8	88.1	88.3	88.3	88.5	88.6	88.8	89.2
≥ 700		3.1	66.2	77.3	8 .3	80.4	84.7	87.2	88.8	89.1	89.6	89.6	89.8	89.9	90.1	90.5
≥ 600		3.1	66.2	77.5	8 .8	80.9	85.9	88.6	9 .2	90.9	91.1	91.1	91.3	91.4	91.6	92.0
≥ 500		3.2	66.5	77.7	81.1	81.2	86.1	89.5	91.1	91.7	91.9	91.9	92.2	92.3	92.5	92.9
≥ 400		3.	66.6	78.0	81.3	81.4	86.9	90.0	91.6	92.5	92.7	92.7	92.9	93.	93.2	93.7
≥ 300		3.3	66.6	78.	81.4	81.6	87.1	90.6	92.4	93.7	93.9	94.1	94.5	94.6	94.9	95.4
≥ 200		3.3	66.6	78.	81.4	81.6	87.3	91.	92.7	94.5	94.8	95.3	95.7	96.3	96.9	97.7
≥ 100		3.3	66.6	78.	81.4	81.6	87.3	91.	92.7	94.7	95.1	95.5	95.9	97.1	98.2	99.7
≥ 0		3.3	66.6	78.0	81.4	81.6	87.3	91.	92.7	94.7	95.1	95.5	95.9	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GL[illegible]AL CLIMATOLOGY BRA[illegible]CH
[illegible]/ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'5[illegible]7[illegible] (STATION) [illegible]ILDENHALL RAF [illegible] K (STATION NAME) [illegible]3-82 (YEARS) DEC (MONTH)

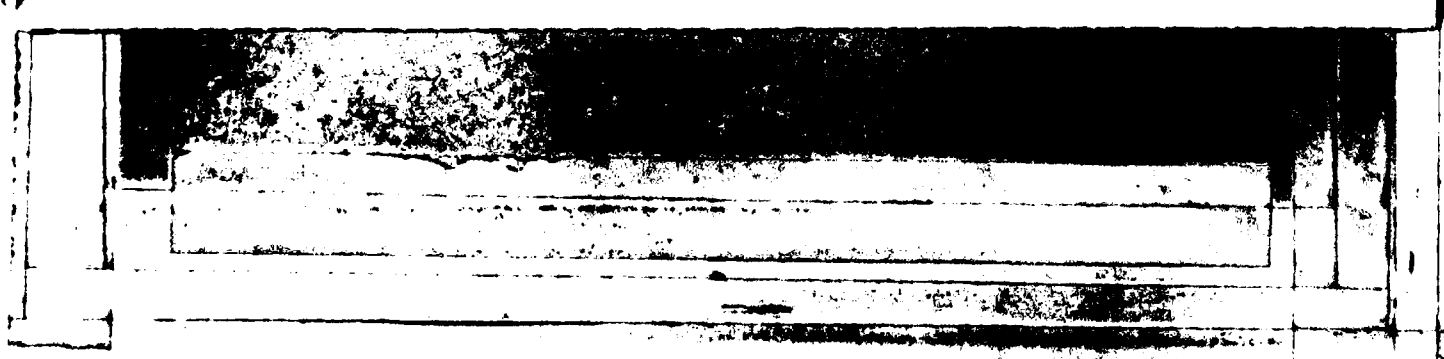
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR HUNDREDS OF METERS															
	≥10	≥6 GE9	≥5 GE8	≥4 GE7	≥3 GE48	≥2½ GE4	≥2 GE3½	≥1¾ GE2½	≥1½ GE2	≥1 GE1½	≥¾ GE1	≥½ GE10	≥⅜ GE09	≥5/16 GE08	≥¼ GE04	≥0 GE0
NO CEILING		22.	23.0	26.	2[illegible].6	26.6	28.1	29.	29.4	29.9	3[illegible].1	3[illegible].2	3[illegible].2	3[illegible].3	30.5	30.9
≥ 20000		[illegible].1	25.5	28.6	29.1	29.1	30.6	31.6	31.9	32.6	32.8	32.9	32.9	33.[illegible]	33.3	33.7
≥ 18000		[illegible].1	2[illegible].5	28.6	29.1	29.1	30.6	31.6	31.9	32.6	32.8	32.9	32.9	33.	33.3	33.7
≥ 16000		[illegible].1	25.5	28.6	29.1	29.1	30.[illegible]	31.6	31.9	32.6	32.8	32.9	32.9	33.0	33.3	33.7
≥ 14000		[illegible].1	25.5	28.6	29.1	29.1	[illegible].6	31.6	31.9	[illegible].6	32.8	32.9	32.9	33.0	33.3	33.7
≥ 12000		[illegible].6	26.3	29.1	29.7	29.7	31.3	32.3	32.6	33.2	33.4	33.5	33.5	33.7	34.0	34.3
≥ 11000		[illegible].5	26.9	30.0	30.6	30.6	32.4	33.3	33.7	34.4	34.6	34.7	34.7	34.8	35.2	35.5
≥ 9000		[illegible].3	27.[illegible]	30.8	31.4	31.4	33.1	34.1	34.4	35.2	35.4	35.5	35.5	35.6	35.9	36.2
≥ 8000		[illegible].2	27.[illegible]	32.9	33.5	33.5	[illegible].3	36.2	36.9	37.6	37.8	38.0	38.0	38.1	38.4	38.7
≥ 7000		[illegible].3	3[illegible].[illegible]	34.[illegible]	34.6	34.6	36.3	37.5	38.2	38.9	39.1	3[illegible].2	39.2	39.4	39.7	40.0
≥ 6000		[illegible].3	30.[illegible]	34.[illegible]	34.6	34.6	36.3	37.5	38.2	38.9	39.1	39.2	39.2	39.[illegible]	39.7	40.0
≥ 5000		32.2	32.6	35.8	36.5	36.5	38.3	39.4	4[illegible].[illegible]	40.8	41.	41.1	41.1	41.2	41.5	41.8
≥ 4500		[illegible].2	[illegible].4	41.4	42.2	42.2	44.0	45.3	45.9	46.7	46.9	47.[illegible]	47.3	47.1	47.4	47.7
≥ 4000		32.2	43.2	47.6	48.4	48.[illegible]	50.5	51.9	52.7	53.4	53.8	53.9	53.9	54.0	54.3	54.7
≥ 3500		45.[illegible]	47.[illegible]	51.5	52.3	[illegible]2.3	54.7	56.2	57.[illegible]	58.1	58.[illegible]4	58.6	58.6	58.7	59.0	59.5
≥ 3000		[illegible].4	52.	57.4	58.2	58.2	6[illegible].9	62.9	64.	64.9	65.3	65.5	65.5	65.6	65.[illegible]	66.3
≥ 2500		[illegible].1	54.7	60.2	61.1	61.2	64.	66.1	67.4	68.4	68.8	69.[illegible]	69.[illegible]	69.1	69.5	69.9
≥ 2000		5[illegible].[illegible]	59.2	[illegible].4	66.1	[illegible]6.3	69.2	71.7	73.[illegible]	74.0	74.4	74.6	74.6	74.8	75.2	75.6
≥ 1800		5[illegible].[illegible]	6[illegible].[illegible]	66.5	67.2	67.4	70.[illegible]	[illegible]2.8	74.1	75.1	75.5	75.7	75.7	75.9	76.2	76.7
≥ 1500		[illegible].7	64.	[illegible]1.2	72.3	[illegible]2.5	75.9	78.	79.2	80.3	80.8	81.0	81.0	81.2	81.5	81.9
≥ 1200		3.5	66.	74.8	76.3	76.6	79.7	82.2	83.4	84.5	84.9	85.2	85.2	85.[illegible]	85.7	86.1
≥ 1000		5.2	67.6	77.1	78.6	[illegible]8.8	81.9	[illegible]4.5	85.8	87.	87.4	87.6	87.6	87.8	88.2	88.6
≥ 900		5.[illegible]	68.0	[illegible]7.[illegible]	78.9	79.1	82.7	85.3	86.6	87.7	88.2	88.4	88.4	88.6	88.9	89.4
≥ 800		5.6	69.2	77.7	79.[illegible]	79.6	83.1	[illegible]5.8	87.1	88.3	88.7	88.9	88.9	89.1	89.5	89.9
≥ 700		55.[illegible]	68.7	78.8	8[illegible].[illegible]	[illegible]0.6	84.3	87.1	88.4	89.7	90.1	[illegible]0.3	90.3	90.5	90.9	91.3
≥ 600		65.3	68.7	79.1	81.2	[illegible]1.4	85.3	88.1	89.5	9[illegible].9	91.3	91.5	9[illegible].5	91.7	92.0	92.5
≥ 500		55.[illegible]	68.7	79.2	81.3	[illegible]1.6	85.5	[illegible]8.4	89.9	91.3	91.7	91.9	91.9	92.2	92.5	92.9
≥ 400		65.[illegible]	68.8	[illegible]9.4	81.4	[illegible]1.7	85.6	[illegible]8.7	90.3	91.9	92.4	92.6	92.6	92.8	93.1	93.5
≥ 300		65.	68.8	79.4	81.4	[illegible]1.7	85.8	[illegible]8.9	91.1	93.0	93.5	93.8	93.8	94.2	94.5	94.9
≥ 200		65.	68.8	79.4	81.4	[illegible]1.7	85.9	89.5	91.7	94.3	94.9	95.2	95.4	96.1	96.8	97.8
≥ 100		65.[illegible]	68.8	79.4	81.4	[illegible]1.7	85.9	89.5	91.7	94.3	94.9	95.2	95.6	96.9	98.[illegible]	99.7
≥ 0		65.9	68.8	79.4	81.4	[illegible]1.7	85.9	89.5	91.7	94.3	94.9	95.2	95.6	96.9	98.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75 71 | ILDENHALL RAF K | 7-8? | D C
STATION | STATION NAME | YEARS | MONTH

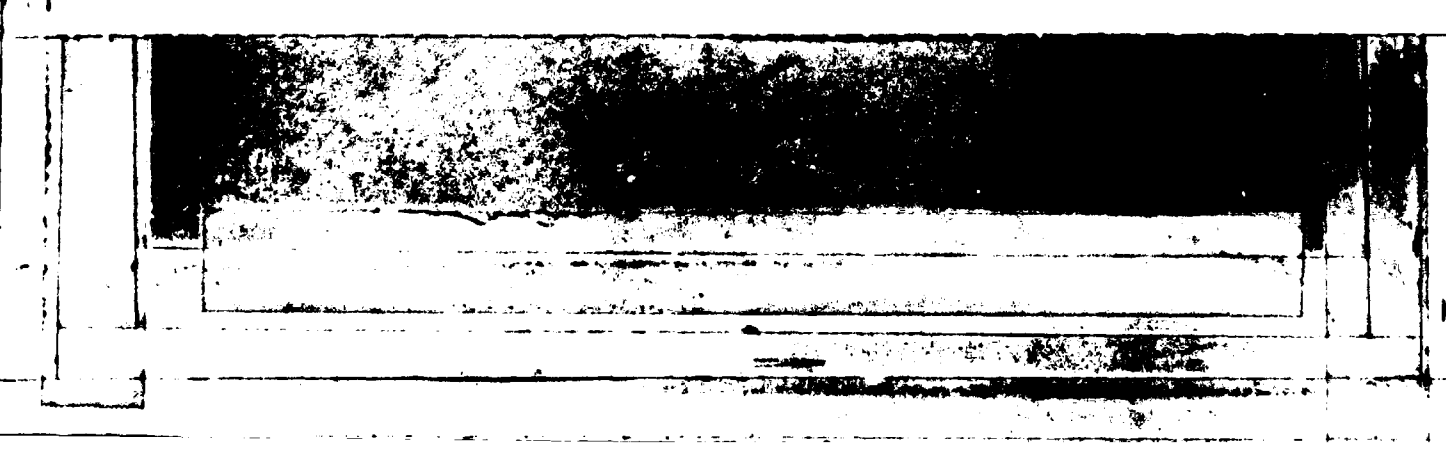
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0?0-1?0
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE9	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE48	≥2½ GE4	≥2 GE32	≥1½ GE24	≥1¼ GE2	≥1 GE16	≥¾ GE1	≥½ GE10	≥¼ GE_8	≥5/16 GE05	≥¼ GE04	≥0 GE0
NO CEILING		1 .9	19.7	21.	21.9	22.2	23.4	24.4	24.5	24.7	24.7	24.7	24.8	24.8	5.1	25.5
≥ 20000		2 .2	24.1	26.0	27.7	27.2	28.5	29.5	29.6	29.8	29.8	29.8	29.9	29.9	3 .1	3 .5
≥ 18000		2 .4	24.	26.3	27.3	27.5	28.8	29.8	29.9	30.1	3 .1	3 .1	3 .2	3 .2	3 .4	3 .9
≥ 16000		2 .4	24.6	26.3	27.3	7.5	29.8	2 .8	29.9	30.1	30.1	30.1	30.2	30.2	3 .4	3 .9
≥ 14000		23.	24.7	26.5	27.4	27.6	28.9	29.9	3 .	30.2	30.2	30.2	30.3	30.3	30.5	31.0
≥ 12000		2 .1	25.3	27.	28.7	28.2	29.5	3 .4	3 .5	3 .8	3 .8	3 .8	3 .9	30.9	31.1	31.5
≥ 10000		2 .5	26.7	28.8	29.8	30.0	31.1	32.7	32.8	33.	33.	33.0	33.1	33.1	33.3	33.8
≥ 9000		2 .0	27.4	2 .4	30.3	30.6	32.9	33.4	33.5	33.8	33.8	33.8	33.9	33.9	34.1	34.5
≥ 8000		.1	3 .5	32.8	33.9	34.2	36.2	37.3	37.4	37.8	37.8	37.8	38.0	38.0	38.2	38.6
≥ 7000		.2	31.7	34.1	35.3	35.6	38.	39.1	39.1	39.6	39.6	3 .6	39.7	39.7	39.9	40.3
≥ 6000		0.2	31.7	34.2	35.4	35.7	38.1	39.2	39.4	39.8	39.8	39.8	39.9	39.9	40.1	40.5
≥ 5000		1.4	32.	35.4	36.6	36.9	39.2	4 .4	4 .8	41.2	41.3	41.3	41.4	41.4	41.6	42.
≥ 4500		3 .0	38.1	41.2	42.6	43.0	45.6	46.9	47.3	47.7	47.8	48.	48.1	48.1	48.3	48.7
≥ 4000		2.3	44.4	48.	49.4	49.8	2.6	54.0	54.4	55.3	55.5	55.6	55.7	55.7	56.1	56.7
≥ 3500		4 .2	48.5	52.	53.5	54.1	57.5	59.	59.7	60.6	60.	61.0	61.1	61.1	61.5	62.0
≥ 3000		0.4	53.2	57.2	59.7	59.1	62.7	64.8	65.8	67.2	67.4	67.6	67.7	67.7	68.2	68.7
≥ 2500		3.4	56.3	60.5	62.7	62.5	66.1	68.7	69.7	71.2	71.4	71.6	71.7	71.7	72.2	72.7
≥ 2000		5 .	61.4	66.5	68.3	68.8	72.6	75.3	76.5	78.1	78.4	78.6	78.7	78.8	79.2	79.8
≥ 1800		5 .9	63.1	68.3	7 .2	70.8	74.7	77.3	78.5	80.1	80.4	80.6	80.8	80.9	81.3	81.8
≥ 1500		1.1	64.5	7 .0	72.2	72.7	76.8	79.5	8 .6	82.3	82.6	82.8	82.9	83.0	83.4	84.1
≥ 1200		2.0	65.5	71.5	74.2	74.7	78.8	81.5	82.7	84.3	84.6	84.8	84.9	85.1	85.5	86.0
≥ 1000		62.1	66.8	73.1	76.2	76.8	81.1	83.9	85.2	86.9	87.2	87.4	87.5	87.6	88.1	88.6
≥ 900		3.	67.1	3.4	76.8	77.3	81.7	84.9	86.3	88.2	88.5	88.7	88.8	88.9	89.4	89.9
≥ 800		3.5	67.4	73.8	77.1	77.6	82.2	85.4	86.8	88.7	89.0	89.2	89.4	89.5	89.9	90.4
≥ 700		4.	67.8	74.3	77.6	78.1	83.1	86.7	88.	90.1	90.4	90.6	90.8	90.9	91.3	91.8
≥ 600		4.2	69.1	74.7	78.1	78.7	83.9	87.5	89.	91.1	91.3	91.5	9 .6	91.7	92.2	92.7
≥ 500		4.2	69.1	74.8	78.3	78.9	84.2	88.4	89.9	91.9	92.3	92.5	92.6	92.7	93.1	93.8
≥ 400		4.1	69.1	74.8	78.3	78.9	84.2	88.7	90.2	92.6	92.9	93.1	93.2	93.3	93.9	94.5
≥ 300		4.2	69.1	74.8	78.3	78.9	84.3	88.9	90.5	94.0	94.4	94.6	94.7	95.1	95.9	96.6
≥ 200		4.2	69.1	74.8	78.3	78.9	84.3	88.9	90.5	94.0	94.4	94.7	94.9	95.9	97.0	98.3
≥ 100		94.2	69.1	74.8	78.3	78.9	84.3	88.9	9 .5	94.1	94.4	94.8	95.1	96.2	98.0	99.9
≥ 0		94.2	69.1	74.8	78.3	78.9	84.3	88.9	9 .5	94.3	94.6	94.8	95.1	96.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 93?

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] STATION | ILDENHALL RAF K STATION NAME | [illegible] YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1[illegible]0-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR [illegible] METERS)															
	≥10 ≥16	≥9 GE9	≥8 GE8	≥7 GE6	≥6 GE4.8	≥5 GE4	≥4 GE3.2	≥3.5 GE2.4	≥3 GE2	≥2.5 GE1.6	≥2 GE1	≥1.5 GE1.0	≥1.25 GE0.8	≥1 GE0.5	≥0.75 GE0.4	≥0 GE0
NO CEILING		21.	22.4	23.5	24.5	24.7	25.4	26.	26.5	26.7	26.7	26.8	26.8	26.8	26.8	26.9
≥ 20000		2 .5	28.2	29.8	30.8	31.0	31.7	32.5	33.	33.3	33.5	33.9	33.9	33.9	33.9	34.
≥ 18000		2 .8	28.	30.3	31.3	31.5	32.3	33.0	33.5	33.9	34.1	34.4	34.4	34.4	34.4	34.5
≥ 16000		2 .8	28.7	3 .3	31.3	31.5	32.3	33.0	33.5	33.9	34.1	34.4	34.4	34.4	34.4	34.5
≥ 14000		2 .1	28.9	3 .5	31.5	31.7	32.5	33.2	33.8	34.1	34.3	34.6	34.6	34.6	34.6	34.7
≥ 12000		2 .6	29.5	31.1	32.	32.3	33.1	33.8	34.3	34.6	34.8	35.2	35.2	35.2	35.2	35.3
≥ 11000		30.2	31.7	33.2	34.2	34.4	35.2	35.9	36.5	36.8	37.	37.3	37.3	37.3	37.3	37.4
≥ 9000		30.	32.3	33.	34.8	35.1	35.8	36.6	37.1	37.4	37.6	38.2	38.2	38.	38.2	38.1
≥ 8000		32.5	33.	35.5	36.5	36.7	37.4	38.3	38.8	39.1	39.4	39.7	39.7	39.7	39.7	39.8
≥ 7000		33.	35.3	36.9	38.	38.2	39.	39.9	4 .4	40.8	41.2	41.3	41.3	41.3	41.3	41.4
≥ 6000		33.9	35.4	37.	38.1	38.3	39.1	4 .1	4 .6	41.	41.2	41.5	41.5	41.	41.5	41.6
≥ 5000		34.	36.6	38.6	39.8	40.0	40.9	41.9	42.9	43.3	43.5	43.9	43.9	43.9	43.9	44.
≥ 4500		41.	42.9	42.4	43.5	43.8	44.7	45.9	46.9	47.8	48.1	48.5	48.5	48.5	48.5	48.6
≥ 4000		43.	45.6	48.7	5 .1	50.3	51.4	52.6	53.5	54.6	54.9	55.4	55.4	55.4	55.4	55.6
≥ 3500		4 .7	49.6	52.9	54.6	54.9	56.3	58.	59.	60.3	60.6	61.1	61.1	61.1	61.1	61.3
≥ 3000		52.	55.1	59.	61.4	61.7	63.1	64.9	66.	67.3	67.6	68.2	68.2	68.2	69.2	68.4
≥ 2500		5 .3	57.7	62.2	64.9	65.3	67.	68.8	69.9	71.5	71.6	72.5	72.5	72.5	72.5	72.7
≥ 2000		5 .9	62.4	6 .5	71.7	72.2	74.1	76.1	77.4	79.4	79.7	8 .3	8 .3	80.3	8 .3	8 .5
≥ 1800		1.	63.5	69.7	73.1	73.5	75.5	77.7	79.	81.0	81.3	81.9	81.9	81.9	81.9	82.2
≥ 1500		62.3	65.5	71.8	75.3	75.8	78.1	8 .4	81.7	8 .7	84.0	84.6	84.6	84.6	84.6	84.8
≥ 1200		64.5	67.2	74.1	77.7	78.3	8 .6	83.3	84.6	86.6	86.9	87.5	87.5	87.5	87.5	87.7
≥ 1000		65.3	68.2	75.1	78.7	79.2	81.7	84.7	86.	88.2	88.5	89.1	89.1	89.1	89.1	89.4
≥ 900		65.4	68.3	75.6	79.4	79.9	82.6	85.7	87.1	89.1	89.5	9 .1	9 .1	90.1	9 .1	90.3
≥ 800		65.7	68.6	76.5	8 .3	80.9	83.8	7.0	88.3	90.4	90.8	91.4	91.4	91.4	91.4	91.6
≥ 700		65.8	68.9	76.9	8 .8	81.3	84.3	87.5	88.8	91.0	91.3	91.9	91.9	91.9	91.9	92.2
≥ 600		66.0	69.1	77.3	81.3	81.8	84.9	88.2	89.9	92.	92.4	93.	93.0	93.0	93.0	93.2
≥ 500		66.0	69.1	77.3	81.4	81.9	85.2	88.6	9 .3	93.1	93.4	94.1	94.1	94.1	94.1	94.3
≥ 400		66.1	69.2	77.4	81.5	82.0	85.6	89.5	91.4	94.4	94.7	95.5	95.6	95.6	95.6	95.8
≥ 300		66.	69.2	77.4	81.5	82.0	85.6	89.5	91.5	95.2	95.6	96.8	97.0	97.1	97.2	97.5
≥ 200		66.	69.2	77.4	81.5	82.	85.6	89.5	91.5	95.3	95.9	97.1	97.4	97.5	97.8	99.0
≥ 100		66.0	69.2	77.4	81.5	82.	85.6	89.5	91.5	95.3	95.9	97.1	97.6	98.0	98.4	99.8
≥ 0		66.0	69.2	77.4	81.5	82.0	85.6	89.5	91.5	95.3	95.9	97.1	97.6	98.	98.4	100.

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

FL AL CLIMATOLOGY BRA CH
STAC
A FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(5171) ILDENHALL RAF K — (1-c?) — D C

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

- 0-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (KILOMETERS METERS)															
	≥10 (16)	≥6 GE9	≥5 GE8	≥4 GE6	≥3 GE4.8	≥2½ GE4	≥2 GE3.2	≥1½ GE2.4	≥1¼ GE2	≥1 GE1.6	≥¾ GE1.2	≥½ GE1	≥¼ GE0.8	≥5/16 GE0.5	≥¼ GE0.4	≥0 GE
NO CEILING		21.4	21.	24.9	25.4	25.5	26.8	27.	27.3	27.5	27.6	27.7	27.8	28.0	8.0	28.0
≥ 20000		25.3	26.7	30.3	30.7	31.0	32.3	32.8	33.	33.8	33.9	34.	34.1	34.2	34.2	34.2
≥ 18000		25.	6.3	30.4	31.7	31.1	32.4	32.7	33.1	33.9	34.	34.1	34.2	34.3	34.3	34.3
≥ 16000		25.	26.8	30.4	31.	31.1	32.4	32.	33.1	33.9	34.0	34.1	34.2	34.3	34.3	34.3
≥ 14000		2 .	27.1	30.6	31.2	31.3	32.6	33.1	33.3	34.1	34.2	34.3	34.4	34.5	34.5	34.5
≥ 12000		2 .2	27.3	3 .9	31.4	31.5	32.8	33.3	33.5	34.3	34.4	34.5	34.6	34.7	34.7	34.7
≥ 10000		2 .3	27.3	30.3	32.8	32.9	34.2	34.8	35.3	36.	36.1	36.2	36.3	36.5	36.5	36.5
≥ 9000		2 .6	6.8	33.7	34.3	34.3	35.6	36.3	36.8	37.5	37.6	37.7	37.8	38.	38.7	38.7
≥ 8000		3 .	31.3	35.8	36.6	36.7	38.1	39.0	39.5	40.2	40.3	40.4	40.5	40.6	4 .6	40.6
≥ 7000		32.1	33.7	37.6	38.4	38.5	4 .1	41.0	41.3	4 .2	42.3	42.4	42.5	42.6	42.6	42.6
≥ 6000		32.1	33.7	37.6	39.4	38.5	4 .1	41.0	41.3	42.2	42.3	42.4	42.5	42.6	42.6	42.6
≥ 5000		33.	34.7	39.6	40.4	40.5	42.2	43.1	43.7	44.6	44.7	44.8	44.9	45.1	45.1	45.1
≥ 4500		3 .	39.7	44.6	45.6	45.7	47.3	48.5	49.0	50.2	5 .4	5 .5	5 .6	5 .8	5 .9	5 .8
≥ 4000		2.5	44.	49.2	5 .3	5 .4	52.0	53.4	54.0	55.2	55.4	55.5	55.6	55.7	55.7	55.7
≥ 3500		4 .1	48.	53.7	54.7	54.9	56.7	58.3	58.8	60.0	60.2	60.3	60.4	60.5	60.5	60.5
≥ 3000		30.	52.8	59.8	61.2	61.5	63.4	65.4	65.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6
≥ 2500		3.1	55.3	62.6	64.1	64.4	66.6	69.6	69.1	7 .3	7 .5	7 .6	7 .8	7 .9	7 .9	7 .9
≥ 2000		5 .7	59.4	6 .0	69.8	70.1	72.8	75.5	76.0	77.6	77.8	78.	78.1	78.2	78.2	78.2
≥ 1800		5 .8	6 .7	68.7	7 .5	71.0	73.8	76.5	77.0	78.6	78.8	78.9	79.0	79.1	79.1	79.1
≥ 1500		7 .3	63.4	72.8	74.9	75.5	78.6	81.6	82.2	8 .9	84.1	84.3	84.4	84.5	84.5	84.5
≥ 1200		2.7	65.4	75.6	78.	78.5	81.7	84.9	85.5	87.2	87.4	87.6	87.7	87.8	87.8	87.8
≥ 1000		52.7	65.6	76.3	73.9	79.4	82.6	86.5	87.	88.7	88.9	89.1	89.2	89.4	89.4	89.4
≥ 900		3.2	6 .9	76.9	79.4	79.9	83.3	87.2	87.8	89.7	89.9	9 .1	9 .2	9 .3	9 .3	9 .3
≥ 800		3.4	66.2	77.5	8 .3	80.6	84.5	8 .7	89.6	91.4	91.6	91.8	91.9	92.0	92.	92.0
≥ 700		3.4	66.3	77.6	8 .3	81.0	84.9	89.9	9 .8	9 .6	92.8	93.0	93.1	93.2	93.2	93.2
≥ 600		3.5	66.5	77.7	8 .4	81.1	85.2	9 .3	91.4	93.4	93.7	94.	94.1	94.2	94.2	94.2
≥ 500		53.9	66.7	78.0	81.0	81.6	85.8	91.	92.2	94.4	94.6	94.9	95.1	95.2	95.2	95.2
≥ 400		53.9	66.	78.0	81.1	81.7	85.9	91.5	92.9	95.2	95.5	95.8	96.1	96.2	96.2	96.2
≥ 300		53.9	66.7	78.	81.	81.7	85.9	91.7	93.2	96.0	96.5	97.0	97.7	97.8	98.	98.0
≥ 200		53.9	66.7	78.	81.1	81.7	85.9	91.7	93.4	96.2	96.	97.2	98.0	98.3	98.4	99.5
≥ 100		53.8	66.7	78.	81.1	81.7	85.9	91.7	93.4	96.2	96.7	97.3	98.2	98.5	98.6	100.0
≥ 0		53.8	66.7	78.0	81.0	81.7	85.9	91.7	93.4	96.2	96.7	97.3	98.2	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 336

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

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

CEILING VERSUS VISIBILITY

75[illegible]7 (STATION) [illegible]ILDENHALL RAF K (STATION NAME) [illegible]7-3[illegible] (YEARS) D[illegible]C (MONTH)

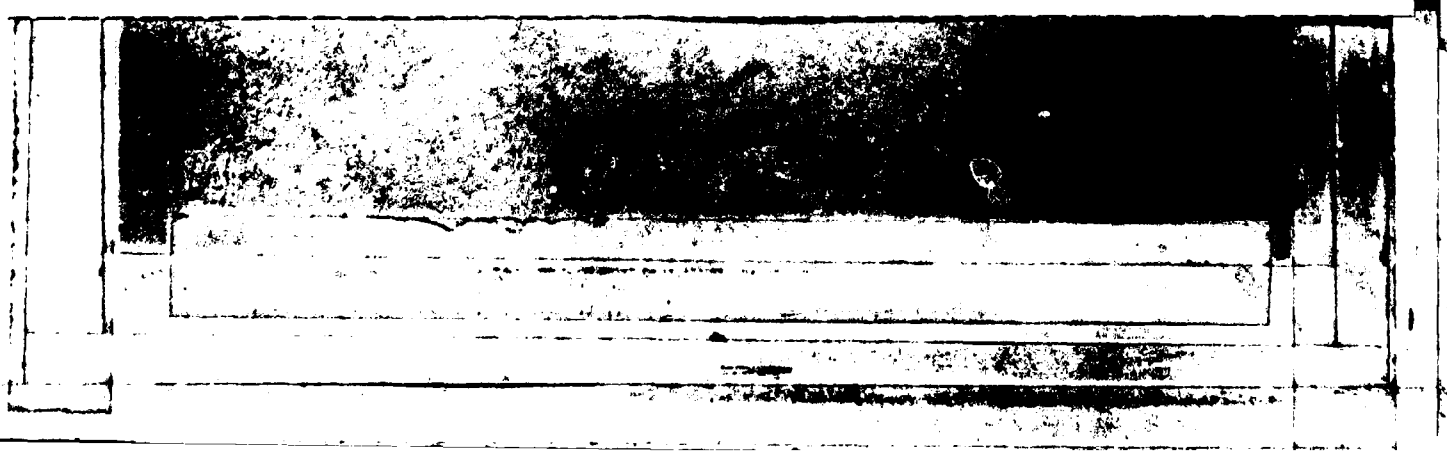
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]0-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES OR HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥5/16	≥0
	GE10	GE9	GE8	GE7	GE6	GE5	GE4	GE3	GE2½	GE2	GE1¼	GE1	GE¾	GE½	GE5/16	GE0
NO CEILING		[illegible].3	23.3	29.5	29.6	29.6	3[illegible].8	31.4	32.	32.3	32.5	32.5	32.7	32.7	3[illegible].9	33.4
≥ 20000		[illegible].6	27.0	32.4	33.4	33.4	34.7	35.5	36.1	36.3	36.6	36.6	36.8	36.8	37.[illegible]	37.6
≥ 18000		25.[illegible]	[illegible]7.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 16000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 14000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	3[illegible].7	36.7	36.9	36.9	37.1	37.7
≥ 12000		25.[illegible]	27.1	32.5	33.5	33.5	34.8	35.6	36.2	36.5	36.7	36.7	36.9	36.9	37.1	37.7
≥ 10000		26.[illegible]	29.3	33.7	34.8	34.8	36.1	36.9	37.5	37.7	38.[illegible]	38.0	38.2	38.2	38.4	39.[illegible]
≥ 9000		2[illegible].4	[illegible].8	35.5	36.7	36.7	38.0	38.7	39.4	39.6	39.8	39.8	4[illegible].0	40.0	40.2	40.9
≥ 8000		3[illegible].[illegible]	33.2	38.3	39.9	39.9	41.[illegible]	42.0	42.7	42.9	43.1	43.1	43.3	43.4	43.7	44.3
≥ 7000		1.4	32.[illegible]	39.1	4[illegible].8	40.8	42.2	42.9	43.5	43.8	44.0	44.0	44.2	44.3	44.5	45.2
≥ 6000		1.4	32.[illegible]	39.2	4[illegible].9	40.9	42.3	43.[illegible]	43.7	43.9	44.1	44.1	44.3	44.4	44.6	45.3
≥ 5000		3[illegible].2	35.6	42.6	44.2	44.2	45.6	46.8	47.5	47.7	48.[illegible]	48.[illegible]	48.2	48.3	48.5	49.1
≥ 4500		[illegible].1	39.[illegible]	46.9	48.9	48.9	50.5	51.8	52.6	52.8	53.[illegible]	53.[illegible]	53.2	53.3	53.5	54.2
≥ 4000		1.4	43.2	51.[illegible]	53.[illegible]	53.[illegible]	54.[illegible]	56.1	56.9	57.4	57.6	57.6	57.8	58.[illegible]	58.2	58.8
≥ 3500		[illegible].1	48.[illegible]	56.1	58.4	58.4	6[illegible].2	61.5	62.3	62.8	[illegible].3.[illegible]	63.[illegible]	63.2	63.3	63.5	64.2
≥ 3000		[illegible].2	52.[illegible]	61.1	63.4	63.7	65.6	67.1	67.8	68.5	68.7	68.8	69.[illegible]	69.1	[illegible].9.4	70.[illegible]
≥ 2500		3[illegible].[illegible]	55.3	64.7	67.3	67.5	69.7	71.4	72.2	72.8	73.[illegible]	73.1	73.3	73.4	73.7	74.3
≥ 2000		5[illegible].[illegible]	60.1	70.3	73.4	73.7	75.9	77.6	78.4	79.[illegible]	79.2	79.4	79.6	79.7	79.9	8[illegible].5
≥ 1800		5[illegible].1	6[illegible].6	71.[illegible]	74.3	74.8	77.3	79.0	79.8	80.4	80.6	80.8	81.[illegible]	81.1	81.3	81.9
≥ 1500		1.3	64.[illegible]	75.1	78.4	78.9	81.4	83.2	84.0	84.6	84.8	84.9	85.3	85.4	85.6	86.2
≥ 1200		[illegible].[illegible]	64.7	77.1	8[illegible].5	81.2	84.[illegible]	85.8	86.6	87.2	87.4	87.5	87.8	88.[illegible]	88.2	88.8
≥ 1000		2.3	64.9	77.4	81.1	81.7	84.6	96.5	87.2	88.[illegible]	88.2	88.3	88.6	88.7	88.9	89.6
≥ 900		62.[illegible]	65.6	78.4	82.2	82.8	85.9	88.0	88.7	89.5	89.8	89.9	9[illegible].2	90.3	90.5	91.2
≥ 800		62.[illegible]	65.7	78.8	8[illegible].9	83.5	87.2	89.4	90.6	91.4	91.7	91.8	92.2	92.3	92.5	93.1
≥ 700		3.2	66.2	79.5	83.7	84.4	88.2	90.3	91.[illegible]	92.5	92.8	92.9	93.3	93.4	93.7	94.3
≥ 600		3.2	66.2	79.5	83.7	84.4	88.5	9[illegible].6	91.9	92.8	93.1	93.2	93.7	93.8	94.0	94.6
≥ 500		3.2	66.2	79.5	83.9	84.6	88.7	91.4	92.7	93.7	94.2	94.3	94.7	94.8	95.1	95.7
≥ 400		3.2	66.2	79.5	83.9	84.7	88.9	91.6	92.9	93.9	94.4	94.5	94.9	95.1	95.3	95.9
≥ 300		3.2	66.2	79.5	83.9	84.7	89.0	91.9	93.2	94.2	95.1	95.2	95.8	95.9	96.1	96.8
≥ 200		3.2	66.2	79.5	83.9	84.7	89.1	92.0	93.3	94.5	95.4	95.5	96.1	96.3	96.8	98.7
≥ 100		[illegible]3.2	66.2	79.5	83.9	84.7	89.1	92.[illegible]	93.3	94.5	95.4	95.5	96.1	96.5	96.9	99.4
≥ 0		[illegible]3.2	66.2	79.5	83.9	84.7	89.1	92.[illegible]	93.3	94.5	95.4	95.5	96.1	96.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]

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



GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

'57' STATION | ILDENHALL RAF K STATION NAME | 1-63 YEARS | DEC MONTH

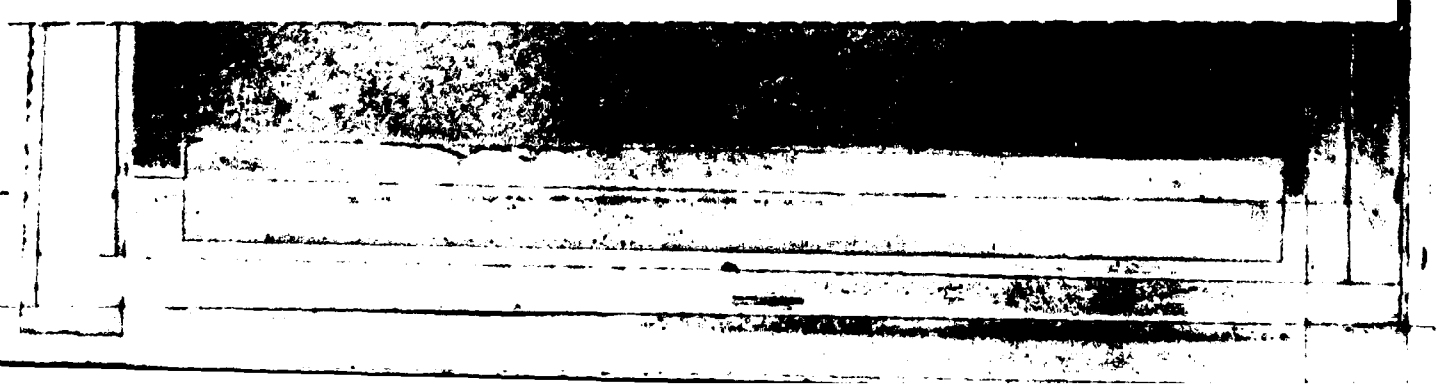
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0 0-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE16	≥9 GE9	≥8 GE8	≥7 GE56	≥6 GE49	≥5 GE4	≥4 GE32	≥3½ GE28	≥3 GE24	≥2½ GE2	≥2 GE16	≥1¾ GE14	≥1½ GE12	≥1¼ GE10	≥1 GE8	≥⅞ GE7	≥¾ GE6	≥⅝ GE5	≥½ GE4	≥0 GE0
NO CEILING		25.2	25.5	30.2	31.2	31.5	32.8	33.5	33.7	34.1	34.3	34.3	34.7	34.9	35.5	36.7
≥ 20000		25.	27.1	32.0	33.1	33.4	34.7	35.5	35.6	36.	36.2	36.2	36.7	37.	37.5	38.7
≥ 18000		25.2	27.3	32.2	33.1	33.5	34.8	35.6	35.7	36.1	36.3	36.3	36.8	37.1	37.6	38.8
≥ 16000		25.2	27.3	32.2	33.1	33.5	34.8	35.6	35.7	36.1	36.3	36.3	36.8	37.1	37.6	38.8
≥ 14000		25.	27.3	32.3	33.2	33.7	34.9	35.7	35.8	36.2	36.5	36.5	36.9	37.2	37.7	38.9
≥ 12000		25.1	27.4	32.4	33.3	33.9	35.1	35.8	35.9	36.3	36.6	36.6	37.1	37.3	37.8	39.0
≥ 10000		25.4	29.1	33.0	34.1	34.5	35.8	36.6	36.7	37.1	37.3	37.3	37.7	38.1	38.6	39.8
≥ 9000		25.	29.6	34.5	35.6	36.0	37.3	38.1	38.2	38.6	38.8	38.8	39.2	39.6	40.1	41.3
≥ 8000		1.3	32.1	37.7	39.2	39.8	41.5	42.3	42.4	42.8	43.0	43.0	43.4	44.0	44.5	45.7
≥ 7000		31.	33.1	38.2	39.7	40.2	41.9	42.7	42.8	43.2	43.4	43.4	43.9	44.4	44.9	46.1
≥ 6000		31.9	33.2	38.3	39.8	40.3	42.1	42.8	42.9	43.3	43.5	43.5	44.0	44.5	45.1	46.2
≥ 5000		34.4	35.	41.4	42.9	43.4	45.2	45.9	46.	46.5	46.7	46.7	47.1	47.6	48.2	49.4
≥ 4500		39.8	40.5	46.8	48.5	49.1	51.2	52.2	52.4	52.8	53.	53.0	53.4	54.	54.5	55.7
≥ 4000		41.	43.8	50.8	52.9	53.1	55.3	56.3	56.6	57.1	57.3	57.3	57.7	58.3	58.8	60.0
≥ 3500		45.	47.6	55.2	57.	57.6	59.8	60.9	61.1	61.6	61.8	61.8	62.3	62.8	63.3	64.5
≥ 3000		46.3	50.5	58.8	60.8	61.6	64.1	65.1	65.3	65.8	66.	66.1	66.5	67.1	67.6	68.8
≥ 2500		50.	53.1	61.9	63.9	64.7	67.1	68.2	68.4	69.	69.2	69.2	69.7	70.3	70.9	72.0
≥ 2000		.6	58.0	67.5	69.8	70.6	73.1	74.2	74.4	75.1	75.3	75.3	75.7	76.3	76.9	78.1
≥ 1800		54.1	58.5	68.2	70.5	71.4	74.0	75.1	75.3	75.9	76.1	76.1	76.6	77.2	77.7	78.9
≥ 1500		60.5	63.1	73.8	76.5	77.3	80.1	81.2	81.	82.0	82.3	82.3	82.7	83.3	83.9	85.1
≥ 1200		61.8	64.5	75.8	78.5	79.4	82.6	83.8	84.	84.6	84.8	84.8	85.3	85.9	86.5	87.6
≥ 1000		62.5	65.2	77.3	80.1	81.2	84.5	85.7	86.	86.8	87.1	87.1	87.4	88.1	88.6	89.8
≥ 900		62.7	65.2	77.3	80.1	81.2	84.5	85.8	86.1	86.9	87.1	87.1	87.5	88.2	88.7	89.9
≥ 800		62.8	65.5	78.5	81.8	83.0	86.5	87.7	88.1	89.0	89.2	89.2	89.7	90.3	90.9	92.0
≥ 700		62.8	65.8	79.1	82.5	83.8	87.2	88.5	88.9	90.0	90.2	90.2	90.6	91.3	91.8	93.0
≥ 600		62.8	65.8	79.	82.6	84.1	87.8	89.2	89.7	90.8	91.	91.0	91.4	92.0	92.6	93.8
≥ 500		62.8	65.8	79.0	82.6	84.1	87.8	89.5	90.1	91.2	91.4	91.4	91.9	92.6	93.1	94.4
≥ 400		62.8	65.8	79.0	82.8	84.3	88.5	90.2	90.9	92.	92.3	92.3	92.8	93.4	94.	95.3
≥ 300		62.8	65.8	79.0	82.8	84.3	88.5	90.4	91.2	92.8	93.1	93.1	93.7	94.3	94.8	96.5
≥ 200		62.8	65.8	79.	82.8	84.3	88.5	90.4	91.2	93.1	93.4	93.5	94.3	95.2	96.2	99.1
≥ 100		62.8	65.8	79.	82.8	84.3	88.5	90.4	91.2	93.1	93.4	93.5	94.3	95.2	96.6	99.7
≥ 0		62.8	65.8	79.0	82.8	84.3	88.5	90.4	91.2	93.1	93.4	93.5	94.3	95.2	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 88 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] ILDENHALL RAF K [illegible] D C
STATION STATION NAME YEARS MONTH

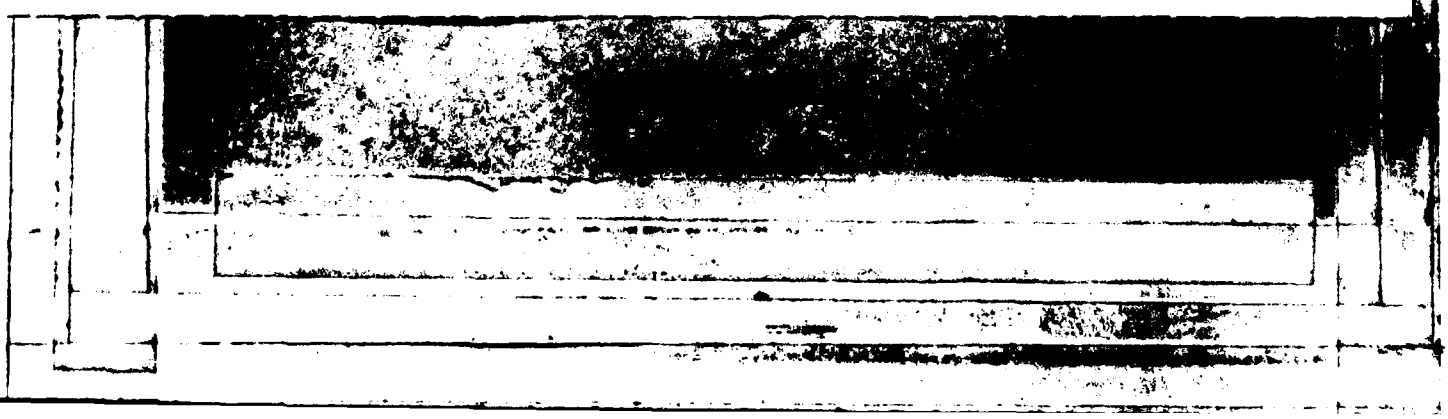
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

A L
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3½	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥½	≥0
NO CEILING		23.	23.4	26.6	27.5	27.6	9.0	29.3	30.2	30.5	30.6	30.6	30.8	30.9	31.		31.5
≥ 20000		25.	26.8	3 .4	31.3	31.4	32.8	33.7	34.1	34.4	34.4	34.7	34.8	34.9	35.1		35.6
≥ 18000		25.	26.9	3 .5	31.4	31.5	33.	33.8	34.3	34.6	34.8	34.8	35.	35.1	35.3		35.7
≥ 6000		25.	26.9	30.5	31.4	31.5	33.0	33.8	34.3	34.6	34.8	34.8	35.	35.1	35.3		35.7
≥ 14000		2 .0	27.0	30.6	31.5	31.6	33.1	33.9	34.4	34.7	34.9	34.9	35.1	35.2	35.3		35.8
≥ 12000		2 .2	27.3	3 .9	31.7	31.9	33.4	34.2	34.6	35.0	35.1	35.2	35.3	35.4	35.6		36.1
≥ 10000		2 .2	29.3	32.	32.9	33.1	34.6	35.5	35.9	36.3	36.5	36.5	36.7	36.8	36.9		37.4
≥ 9000		2 .2	29.4	33.1	34.	34.1	35.7	36.6	37.	37.4	37.6	37.6	37.8	37.9	38.0		38.5
≥ 8000		30.5	31.8	35.7	36.8	36.9	38.8	39.7	4 .2	40.6	40.7	40.8	41.9	41.1	41.3		41.7
≥ 7000		31.	32.8	36.7	37.8	38.0	39.9	40.8	41.4	41.8	41.9	42.	42.1	42.2	42.5		42.9
≥ 6000		3 .	32.9	36.8	37.9	38.1	40.0	41.0	41.5	41.9	42.	42.1	42.2	42.4	42.6		43.1
≥ 5000		3.3	34.6	38.9	4 .	40.2	42.1	43.2	43.9	44.3	44.5	44.6	44.7	44.9	45.1		45.5
≥ 4500		3 .3	38.8	43.5	44.8	45.	47.1	48.3	49.1	49.5	49.7	49.8	50.0	50.1	50.3		50.8
≥ 4000		41.1	43.4	48.7	5 .2	50.4	52.7	54.	54.7	55.3	55.6	55.7	55.8	56.0	56.2		56.7
≥ 3500		4 .5	47.3	53.0	54.6	54.8	57.4	58.8	59.6	6 .3	60.5	6 .6	6 .8	61.0	61.2		61.7
≥ 3000		4 .9	52.0	5 .4	60.2	60.5	63.2	64.9	65.8	66.6	66.8	67.	67.1	67.3	67.5		68.1
≥ 2500		52.7	54.9	61.6	63.5	63.8	66.7	6 .6	69.5	70.4	70.6	70.8	71.0	71.1	71.4		71.9
≥ 2000		5 .2	59.6	67.2	69.4	69.8	72.8	74.9	75.9	76.9	77.1	77.3	77.4	77.6	77.9		78.4
≥ 800		5 .7	60.3	68.1	7 .3	70.8	73.8	76.	76.9	78.1	78.2	78.4	78.5	78.7	79.0		79.5
≥ 1500		60.	63.6	72.0	74.4	74.9	78.2	8 .4	81.4	82.4	82.7	82.8	83.	83.2	83.4		84.1
≥ 1200		.5	65.2	74.5	77.1	77.6	81.0	83.3	84.3	85.3	85.6	85.8	85.9	86.1	86.4		86.9
≥ 1000		3.2	66.	75.8	78.7	79.2	82.7	85.2	86.2	87.3	87.6	87.7	87.9	88.1	88.3		88.9
≥ 900		3.4	66.4	76.3	79.3	79.8	83.4	86.	87.1	88.2	88.5	88.6	88.8	89.0	89.2		89.8
≥ 800		3.7	66.6	77.	80.1	80.6	84.4	87.1	88.2	89.4	89.7	89.9	9 .0	90.2	90.5		91.0
≥ 700		63.3	66.9	77.5	80.7	81.3	85.2	88.1	89.3	9 .6	90.8	91.0	91.2	91.4	91.6		92.2
≥ 600		63.	67.0	77.7	81.1	81.7	86.0	89.0	90.2	91.6	91.8	92.	92.2	92.4	92.6		93.2
≥ 500		63.	67.1	77.8	81.3	81.9	86.4	89.6	90.9	92.4	92.7	92.9	93.1	93.3	93.5		94.1
≥ 400		4.	67.1	77.9	81.4	82.1	86.6	9 .1	91.5	9 .1	93.4	93.6	93.8	94.0	94.3		94.9
≥ 300		4.0	67.1	77.9	81.4	82.1	86.7	9 .4	91.8	93.9	94.3	94.6	95.1	95.3	95.6		96.2
≥ 200		4.0	67.1	77.9	81.4	82.1	86.7	9 .5	92.1	94.4	94.9	95.3	95.7	96.3	96.9		98.4
≥ 100		4.0	67.1	77.9	81.4	82.1	86.7	90.5	92.1	94.5	94.9	95.3	95.9	96.8	97.7		99.7
≥ 0		4.	67.1	77.9	81.4	82.1	86.7	90.5	92.1	94.5	94.9	95.3	95.9	96.8	97.7		100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35771 (STATION) ILDENHALL RAF (STATION NAME) K 7-87 (YEARS) ALL (MONTH)

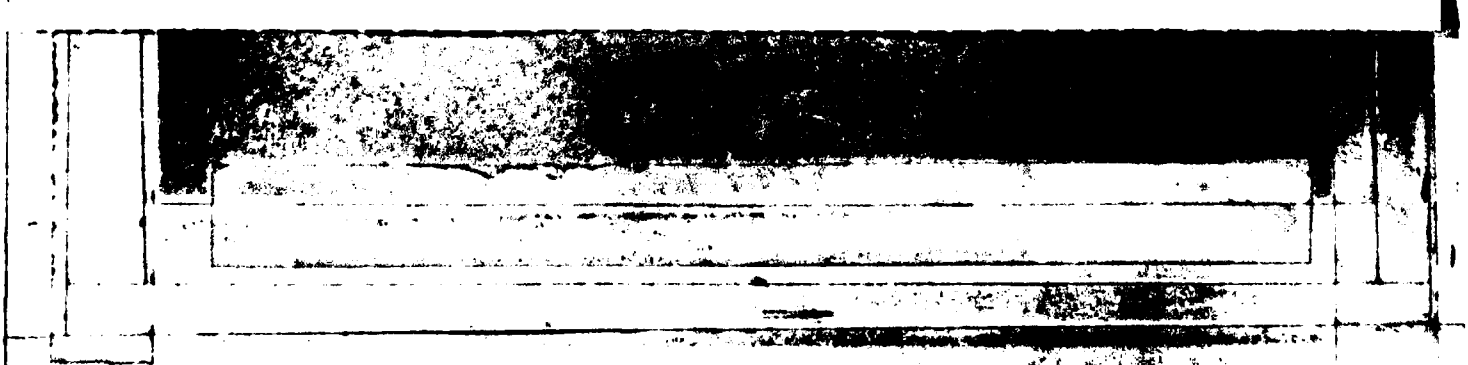
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
	≥16	GE9	GE8	GE7	GE49	GE40	GE32	GE24	GE20	GE16	GE12	GE8	GE8	GE5	GE4	GE0
NO CEILING		29.0	29.1	30.9	31.7	32.9	33.5	33.7	33.9	34.0	34.1	34.1	34.2	34.3	34.6	
≥ 20000		31.0	33.1	36.5	37.4	37.6	38.7	39.4	39.6	39.9	40.0	40.0	40.1	40.2	40.3	40.6
≥ 18000		31.0	33.3	36.6	37.5	37.7	38.9	39.5	39.8	40.0	40.1	40.2	40.3	40.4	40.5	40.7
≥ 16000		32.0	33.3	36.6	37.6	37.7	38.9	39.5	39.8	40.1	40.1	40.2	40.3	40.4	40.5	40.7
≥ 14000		32.0	33.4	36.7	37.7	37.8	39.0	39.7	39.9	40.2	40.3	40.3	40.4	40.5	40.6	40.9
≥ 12000		32.3	33.7	37.0	38.0	38.1	39.3	40.0	40.2	40.5	40.6	40.6	40.7	40.8	40.9	41.2
≥ 10000		33.0	35.3	38.8	39.8	40.0	41.2	41.9	42.1	42.4	42.5	42.6	42.7	42.8	42.9	43.1
≥ 9000		34.1	36.7	39.8	40.8	41.1	42.2	43.0	43.2	43.5	43.6	43.7	43.7	43.8	44.0	44.2
≥ 8000		38.4	39.9	43.9	45.0	45.2	46.5	47.3	47.6	47.9	48.0	48.1	48.1	48.3	48.4	48.6
≥ 7000		38.5	40.3	45.0	46.1	46.3	47.7	48.4	48.7	49.1	49.2	49.2	49.3	49.4	49.6	49.8
≥ 6000		39.9	41.1	45.2	46.4	46.6	48.0	48.7	49.0	49.4	49.5	49.5	49.6	49.7	49.8	50.1
≥ 5000		41.0	43.4	47.7	48.9	49.1	50.5	51.4	51.7	52.0	52.1	52.2	52.3	52.4	52.5	52.8
≥ 4500		45.0	47.7	52.4	53.7	53.9	55.4	56.3	56.7	57.0	57.2	57.2	57.3	57.4	57.6	57.8
≥ 4000		51.0	53.9	59.1	60.5	60.8	62.5	63.5	63.8	64.3	64.4	64.5	64.6	64.7	64.8	65.1
≥ 3500		55.0	58.0	63.6	65.2	65.4	67.3	68.3	68.7	69.2	69.3	69.4	69.5	69.6	69.8	70.0
≥ 3000		56.7	63.1	69.2	70.9	71.2	73.1	74.3	74.7	75.2	75.4	75.5	75.6	75.7	75.8	76.1
≥ 2500		63.4	66.0	72.4	74.2	74.5	76.5	77.8	78.2	78.8	78.9	79.0	79.1	79.2	79.4	79.6
≥ 2000		66.3	69.5	76.6	78.5	78.8	81.0	82.3	82.8	83.4	83.5	83.6	83.7	83.9	84.0	84.3
≥ 1800		66.3	70.0	77.1	79.0	79.4	81.6	82.9	83.4	84.0	84.1	84.2	84.3	84.5	84.6	84.9
≥ 1500		66.4	72.2	79.9	82.0	82.4	84.7	86.2	86.7	87.3	87.5	87.6	87.7	87.8	88.0	88.2
≥ 1200		66.5	73.6	81.8	84.1	84.5	87.1	88.6	89.2	89.8	90.0	90.1	90.2	90.4	90.5	90.8
≥ 1000		71.1	74.3	82.9	85.2	85.6	88.4	90.1	90.6	91.3	91.5	91.6	91.7	91.9	92.0	92.3
≥ 900		71.3	74.6	83.3	85.7	86.1	88.9	90.7	91.3	92.0	92.2	92.3	92.4	92.6	92.7	93.0
≥ 800		71.6	74.9	83.9	86.4	86.8	89.8	91.6	92.3	93.1	93.3	93.4	93.5	93.6	93.8	94.1
≥ 700		71.8	75.1	84.3	86.9	87.4	90.5	92.5	93.2	94.0	94.2	94.4	94.5	94.6	94.8	95.1
≥ 600		71.8	75.2	84.5	87.1	87.7	91.0	93.1	93.9	94.8	95.0	95.1	95.3	95.4	95.6	95.9
≥ 500		71.8	75.3	84.7	87.5	88.1	91.5	93.8	94.6	95.6	95.9	96.0	96.2	96.3	96.5	96.8
≥ 400		71.9	75.3	84.8	87.6	88.1	91.7	94.2	95.1	96.2	96.5	96.7	96.8	97.0	97.1	97.4
≥ 300		71.9	75.3	84.8	87.7	88.2	91.8	94.4	95.4	96.7	97.0	97.2	97.4	97.7	97.9	98.3
≥ 200		71.9	75.3	84.8	87.7	88.2	91.8	94.5	95.5	96.9	97.2	97.5	97.8	98.2	98.5	99.1
≥ 100		71.9	75.3	84.8	87.7	88.2	91.9	94.5	95.5	97.0	97.3	97.6	97.9	98.4	98.8	99.3
≥ 0		71.9	75.3	84.8	87.7	88.2	91.8	94.5	95.5	97.0	97.3	97.6	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87647

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



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

E

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

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

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

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

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

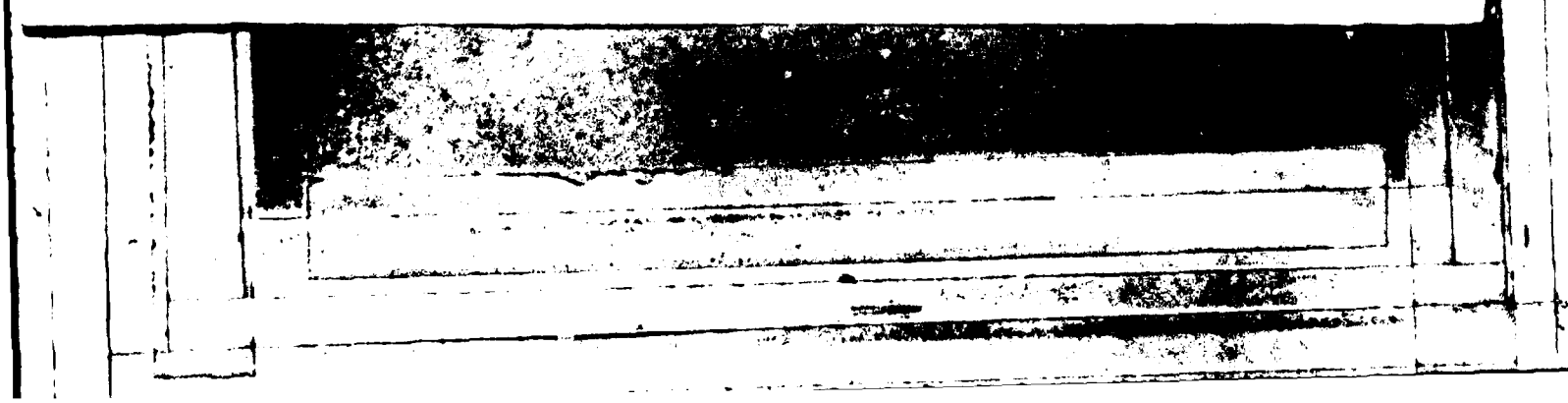
      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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



DAILY TEMPERATURES

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC
...7 ...ILDENHALL RAF, UK — ...-84, 86-88
STATION — STATION NAME — YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
...						.1							.0
...						.4	.7	.5					.1
...						1.6	2.3	1.5	.1				.5
...						5.4	6.0	6.0	1.1				1.8
...				.0	.2	4.4	14.3	24.6	20.2	6.6	.		6.0
...				.4	1.7	13.	34.1	51.1	48.4	22.9	3.9		14.9
35			1.9	4.2	28.5	62.3	78.4	91.9	53.9	14.4	.3		27.8
...		.6	5.6	19.4	57.1	88.1	97.5	98.1	87.4	41.1	3.7	.3	42.1
5	.9	5.0	22.5	46.6	83.6	98.1	99.8	100.0	98.5	74.3	27.4	6.1	55.4
...	1.1	24.	51.8	76.7	97.1	99.9	100.0		100.0	94.1	52.5	26.1	71.8
4	44.5	49.	76.4	94.8	99.9	100.0				99.5	80.6	48.9	83.1
...	68.0	75.8	92.8	99.6	100.0					100.0	94.6	74.8	92.3
3	89.8	95.2	99.4	100.							99.2	93.5	98.1
3...	99.4	99.9	100.0								99.8	99.6	99.8
35	99.6	100.0									100.0	100.0	100.0
...	99.9												100.0
...	100.												100.0
MEAN	43.3	44.5	49.5	54.3	61.2	67.2	71.2	69.8	65.6	58.3	49.5	44.5	56.5
S D	6.789	6.259	6.614	6.468	6.966	6.929	6.508	5.836	5.553	5.926	5.905	6.505	11.689
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

USAFETAC FORM 0-21-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC
...ILDENHALL RAF UK

DAILY TEMPERATURES

STATION | STATION NAME | YEARS: ...C-54, 56-83

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
-5						.1	.4	.4	.1				.1
-						2.4	11.-	9.9	3.8	.7			2.4
-5	.				2.1	2-.2	46.-	43.1	21.3	6.6	1.-	.1	12.0
-	.8	.-	1.2	3.9	19.9	56.3	83.-	79.2	54.9	26.7	5.9	1.7	28.4
0	7.-	6.1	7.1	16.7	53.6	87.1	97.3	97.5	81.9	52.6	2-.7	10.6	45.5
-	22.5	19.1	26.4	47.1	82.-	97.3	100.0	100.0	95.6	77.5	46.5	25.9	62.2
5	51.-	47.2	65.3	79.5	96.5	99.5			99.8	93.0	72.4	56.1	80.4
10	61.1	62.5	76.7	89.-	98.6	99.8			99.9	97.1	87.8	68.1	86.5
30	79.9	81.3	88.7	97.3	100.-	100.0				99.6	97.4	80.0	93.1
35	90.5	93.7	97.0	99.9					100.0	100.0	97.8	91.4	97.6
-	96.-	98.3	99.6	100.0							99.7	97.4	99.3
45	98.8	99.5	100.0								100.0	99.6	99.8
1-	99.8	100.0										99.9	100.0
-	100.0											100.0	100.0
MEAN	34.3	34.2	38.4	39.4	46.1	50.-	53.1	53.3	49.8	46.9	38.8	35.2	42.9
S D	7.395	8.247	9.810	9.499	9.243	9.020	8.572	8.632	9.817	8.549	8.955	7.388	9.323
TOTAL OBS	961	875	961	930	937	930	979	1015	979	984	960	961	11472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC
...ILDENHALL RAF (K
STATION STATION NAME

DAILY TEMPERATURES

...C-54, 56-83
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
...						.5							.2
...						.5	.6	.6					.2
...					.1	2.8	7.8	5.1	1.1	.1			1.4
5				.1	2.2	11.8	20.2	25.8	8.6	1.2			6.9
...			.1	.5	10.2	43.4	70.1	63.1	37.3	9.3	.1		27.6
5	.	.2	1.4	9.1	38.5	87.5	95.4	97.3	74.4	32.1	3.9	.4	36.8
10	5.2	5.4	12.2	31.5	75.	98.1	100.0	100.0	96.2	65.0	20.3	7.8	52.0
4	22.2	22.3	41.5	67.3	95.7	99.8			99.9	91.5	50.6	27.5	68.6
40	46.6	48.9	75.0	92.7	99.7	100.0			100.0	99.1	78.6	54.6	83.5
3	74.5	81.0	94.5	99.8	100.0					100.0	95.1	79.4	93.8
7	91.1	96.8	99.6	100.0							99.1	94.0	98.4
25	98.	99.2	100.0								99.9	99.3	99.7
30	99.6	100.0									100.0	100.0	100.0
35	99.9												100.0
0	100.0												100.0
MEAN	35.1	35.7	43.2	47.1	53.2	58.8	62.2	61.8	57.9	51.8	44.4	40.1	49.9
S D	6.808	5.872	5.453	5.227	5.357	5.127	4.852	4.345	4.812	5.593	6.044	6.626	10.102
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

USAFETAC FORM 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)

3277 WILDENHALL RAF UK — 50-54, 56-83

STATION — STATION NAME — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]							73	81	71	71	58	51	
[illegible]	52	51	57	72	70	74	73	79	73	63	59	55	79
[illegible]	57	53	59	75	79	86	87	77	7[illegible]	59	55	51	87
[illegible]	55	57	69	63	93	77	8[illegible]	92	77	71	57	58	90
[illegible]	59	55	6[illegible]	61	87	79	70	87	83				
5[illegible]							*	72*	76*	62	55	57	
57	57	56	67	64	71	8[illegible]	82	78	68	66	55	56	9[illegible]
58	55	58	59	72	75	76	83	78	79	64	55	54	83
59	[illegible]	62	67	69	77	82	91	83	82	78	59	55	91
60	54	62	58	62*	77	85	72	75	73	65	61	54	85
61	57	61	69	66	73	83	90	84	82	70	58	58	9[illegible]
62	54	56	57	68	65	76	75	75	76	68	58	56	76
63	47	43	59	66	79	8[illegible]	79	74	73	69	58	50	80
64	52	57	55	68	82	85	79	91	77	72	58	59	91
65	53	49	72	63*	67	77	72	74	71	73	59	57	74
66	54	57	56	69	78	76	74	81	74	69	6[illegible]	55	81
67	51	56	66	71*	79	79	84	79	76	69	61	53	84
68	53	47	77	79	74	81	88	81	77	70	61	54	88
69	51	53	58	72	79	78	9[illegible]	85	76	77	67	54	90
70	52	54	61	63	77	86	88	85	81	74	65	54	88
71	54	54	56	72	74	74	85	79	76	74	61	58	85
72	[illegible]	50	65	59	67	70	79	76	74	74	61	59	79
73	51	53	66	62	71	77	83	93	87	71	60	55	93
74	59	57	64	71	77	75	82	78	71	55	57	60	80
75	57	55	55	66	71	82	86	91	73	64	57	55	91
76	59	59	62	64	82	85	93	84	75	68	53	48	95
77	53	53	62	64	75	79	92	78	75	69	62	60	83
78	43	53	62	59	78	80	75	75	77	75	64	57	80
79	44	46	57	69	78	73	90	75	79	70	59	61	80
80	52	55	57	72	73	81	79	81	77	66	59	55	81
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC [illegible] 0-80-6 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

...ERAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

...7* STATION ...ILDENHALL RAF UK STATION NAME ...-54, 56-3* YEARS

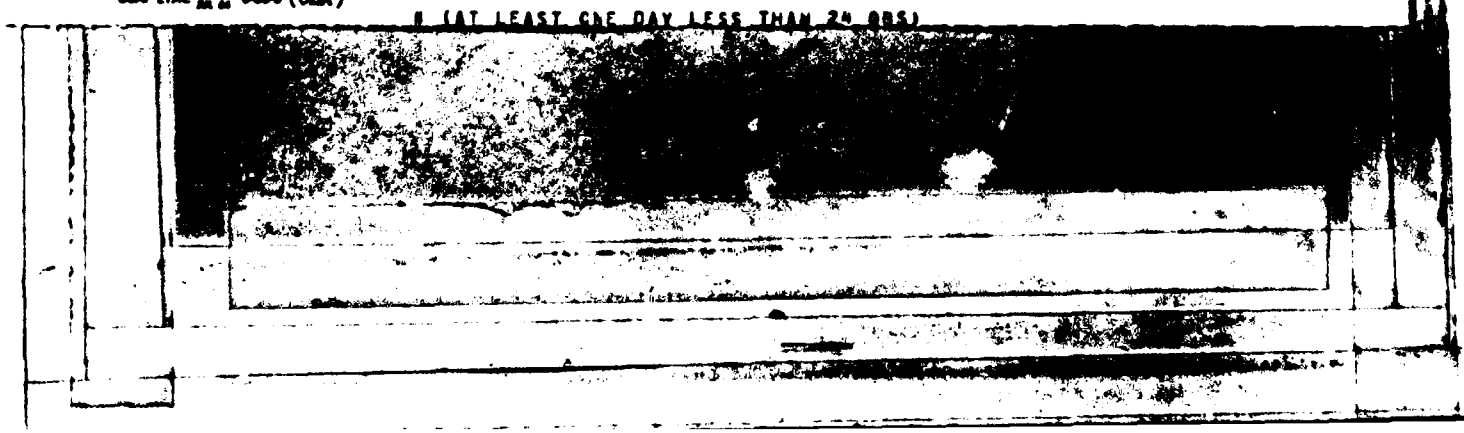
...HOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
...	...	55	...	66	73	...	...	81	75	64	61	...	93
...	24	57	...	63	77	...	91	82	82	64	67	55	82
...	57	...2	57	64	72	75	91	84	77	79	61		
MEAN	53.5	54.4	61.5	66.9	75.3	78.9	82.2	81.8	76.9	69.1	59.3	55.5	85.2
S.D.	3.923	4.302	5.347	4.819	4.353	5.51...	5.8...	5.144	4.227	5.366	3.382	3.150	5.327
TOTAL OBS.	961	875	961	930	937	93...	979	1,015	979	984	960	961	11472

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 66 0-80-6 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)



...GLOBAL CLIMATOLOGY BRANCH
...ETAC
AF ...EATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

... STATION ...ILDENHALL RAF ...K STATION NAME ...-74, 56-83 YEARS

...OLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
...							49	45	43	38	24	32	
...	21	27	24	28	32	41	42	43	41	26	29	21	21
...	26	24	29	26	39	39	44	45	33	28	32	32	16
...	26	19	25	29	33	41	47	44	40	32	29	27	19
...		13	22	27	36	38	43	45	37				
...							*	45*	51*	34	22	28	
...	27	28	31	29	37	39	46	46	36	35	28	30	27
...	22	25	19	24	36	40	46	47	37	38	28	26	18
...	30	29	34	36	33	40	47	45	40	34	23	29	23
...	22	24	31	32*	39	37	45	43	40	34	31	29	22
...	27	33	28	31	35	38	41	44	42	30	26	13	13
...	12	27	23	32	32	31	43	44	38	31	22	9	9
...	30	11	24	28	33	47	4	46	40	37	28	16	5
...	17	18	25	31	44	44	43	46	39	31	26	16	15
...	27	26	17	31*	36	43	42	46	40	31	23	18	17
...	15	26	23	29	33	37	41	42	41	34	27	32	15
...	19	36	29	26*	32	39	49	42	39	39	24	32	18
...	15	24	23	26	37	46	46	46	41	41	30	21	15
...	30	16	21	28	35	37	47	41	28	39	19	24	16
...	17	24	19	28	42	44	47	42	44	34	31	24	17
...	23	24	23	30	30	44	42	44	39	35	26	32	23
...	31	30	30	33	33	39	46	42	37	32	30	23	21
...	28	23	31	30	35	37	44	46	39	30	21	17	17
...	31	32	28	35	37	39	46	42	35	30	28	33	28
...	33	26	28	28	32	33	44	46	39	33	26	24	24
...	19	30	26	30	35	46	48	44	42	37	32	26	19
...	24	28	28	28	35	42	44	46	39	37	30	32	24
...	24	19	32	26	37	41	46	46	42	35	17	21	17
...	19	24	26	37	30	42	42	42	36	30	27	28	19
...	25	30	28	32	34	45	45	41	46	32	25	19	19
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC ... 0-80-6 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] STATION | TILDENHALL RAF [illegible] STATION NAME | [illegible]-84, 56-87 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	23	[illegible]	[illegible]	34	43	48	45	43	[illegible]	30	[illegible]	[illegible]
[illegible]	1[illegible]	23	27	[illegible]	[illegible]	46	48	48	43	34	29	[illegible]	12
[illegible]	[illegible]	23	[illegible]	32	37	43	45	41	43	32	28		
MEAN	21.2	29.4	26.2	29.5	34.5	41.[illegible]	44.3	44.3	39.4	33.2	26.1	22.4	17.0
S.D.	6.319	5.116	4.402	2.656	3.416	3.764	2.357	1.967	3.[illegible]1	3.582	3.897	5.999	5.1[illegible]3
TOTAL OBS.	961	875	961	930	937	930	979	1015	979	984	960	961	11472

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-80-6 (OL-A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

[illegible] STATION | [illegible] WILDENRATH RAP, GE STATION NAME | 74-87 YEARS | JAN MONTH

PAGE 1 | 0900-0259 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
/ 57			.3															3	3		
5 / 55			.1	.4														5	5	1	
/ 53		.1	1.[illegible]	.4														19	19	2	
/ 51			3.[illegible]	.2		.1												31	31	[illegible]	3
/ 49		.9	2.8	.3	.1													38	38	18	3
/ 47	.1	2.3	3.[illegible]	.4	.3													64	64	47	8
/ 45		4.8	5.3	.6	.1													99	99	68	29
4/ 43	.1	3.3	5.6	.4	.1													107	107	87	58
/ 41	.3	3.4	3.3	.5														71	71	93	90
/ 39		4.[illegible]	3.2	.2														69	69	86	77
/ 37	1.8	5.1	4.1	.1														113	113	100	83
/ 35	.4	3.3	5.3	.1														85	85	92	83
/ 33		4.6	2.6															67	67	98	9[illegible]
/ 31	.1	2.8	1.2	.3														41	41	63	75
/ 29	.3	3.0	1.1	.3														44	44	53	69
/ 27	1.1	2.4	.5															37	37	52	97
/ 25		1.3																12	12	25	52
/ 23		.2																[illegible]	[illegible]	15	29
2/ 21		.8																7	7	6	28
/ 19	.3	.3																6	6	6	11
/ 17		.2																3	3	4	16
/ 15		.6																6	6	5	11
/ 13																				3	5
1 / 11		.1																1	1	1	3
/ 9																					7
/ 7																					2
/ 5																					1
TOTAL	4.4	46.5	43.7	4.5	.6	.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	≥ 75 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	58 27091	731.5	78.6	9.308	930							
Dry Bulb	15031.3	36717	39.5	7.594	930		15.9					93
Wet Bulb	1318595	34345	37.1	7.134	930		23.3					93
Dew Point	1088356	31906	33.2	7.852	930		80.6					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

2

PSYCHROMETRIC SUMMARY

[redacted] STATION | MILDENHALL RAF UK STATION NAME | 74-93 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] / 57			.7															3	3		
[redacted] / 55				.3														3	3		
[redacted] / 53			.9	.3														11	10	3	
[redacted] / 51			3.3	.3														38	38		3
[redacted] / 49		.3	1.6	.1														19	19	15	
[redacted] / 47		1.5	4.3	.6	.1													61	61	53	2
[redacted] / 45	.2	5.2	5.5	.8	.1													109	109	60	34
[redacted] / 43		4.4	5.1	1.2	.1													100	100	92	52
[redacted] / 41		4.7	3.3	.4														78	78	82	93
[redacted] / 39		4.7	2.5	.2														69	69	85	81
[redacted] / 37	2.3	5.2	4.2	.3														111	111	97	70
[redacted] / 35		4.8	3.7	.4														83	83	84	75
[redacted] / 33		5.6	1.0															71	71	118	86
[redacted] / 31	.1	1.5	.1	.2														18	18	70	66
[redacted] / 29		4.2	1.5	.4														57	57	23	90
[redacted] / 27	1.	3.7	.4															47	47	63	102
[redacted] / 25	.5	1.7	.8															27	27	41	36
[redacted] / 23		.9																8	8	18	44
[redacted] / 21		.5																3	3	11	32
[redacted] / 19	.2	.3																5	5	5	12
[redacted] / 17	.2	.1																3	3	5	17
[redacted] / 15		.6																6	6	3	10
[redacted] / 13																				3	11
[redacted] / 11		.2																2	2	2	3
[redacted] / 9																					6
[redacted] / 7																					4
[redacted] / 5																					1
TOTAL	4.45	73.7	5.6	.3															930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5857978	73312	78.8	9.209	930							
Dry Bulb	1463749	36187	38.9	7.693	930		17.5					93
Wet Bulb	1286628	33928	36.5	7.253	930		24.4					93
Dew Point	1057260	30458	32.7	8.228	930		43.4					93

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

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

PAGE 1 0601-0830
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
/ 57			.7	.1	.1													5	5		
5 / 55			.1	.1														2	2		
/ 53			1.1	.1														15	15	3	
/ 51		.2	3.1	.2														33	33	3	3
/ 49		.3	2.2	.3														26	26	20	
47		1.4	4.2	.3														55	55	47	6
/ 45		3.4	6.9	.2														98	99	57	24
43	.1	2.3	3.4	.2														66	66	82	59
/ 41		5.4	5.7	.3														106	106	73	79
/ 39	.2	6.3	3.2	.4														95	95	77	89
/ 37	1.9	3.7	4.2															87	87	116	73
/ 35	.1	5.7	3.7	.2														9	93	83	74
33	.6	4.7	1.8															67	67	138	94
/ 31	.1	2.4	.3															3	30	53	68
/ 29		4.4	1.6	.1														57	57	36	88
/ 27		3.2	.9															44	44	58	95
/ 25	.3	1.4	.6															22	22	35	44
/ 23	.1	.9	.1															10	10	20	40
/ 21		.3																3	3	10	27
/ 19	.3	1.2																12	12	7	18
/ 17		.4																4	4	11	6
/ 15		.2																2	2	8	16
/ 13																				1	14
/ 11																					5
/ 9																					8
/ 7																					1
TOTAL	3.4	49.5	43.2	3.1	.1														931		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5879108	73512	79.1	8.577	930							
Dry Bulb	1453793	36067	38.8	7.698	930		18.5					93
Wet Bulb	1280524	33848	36.4	7.255	930		23.4					93
Dew Point	1058556	30826	32.7	7.978	930		43.0					93

FORM AF 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

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

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 60			.2															2	2		
/ 57			.1	.1	.1													3	3		
/ 55			.2	.2														11	11	2	
/ 53			1.2	1.1														21	21	1	
/ 51		.1	3.2	.4														41	41	8	3
/ 49		.3	2.0	.6														36	36	19	2
/ 47	.1	2.3	3.4	.8														61	61	62	9
/ 45	.2	4.1	6.5	1.1														111	111	72	36
/ 43		3.2	5.4	1.3														98	98	81	57
/ 41		3.3	4.2	.5														75	75	78	93
/ 39	.3	7.0	3.8	.4														107	107	100	75
/ 37	1.7	3.2	4.2	.1														76	76	115	86
/ 35	.6	5.3	3.2															83	83	73	98
/ 33	.1	4.7	2.5	.5														73	73	120	86
/ 31		2.4	.2															30	30	60	57
/ 29		2.7	1.4															38	38	40	79
/ 27	.3	2.5	1.7															35	35	34	116
/ 25		1.2	.1															12	12	36	38
/ 23		.5	.1															6	6	13	18
/ 21	.1	.2																3	3	7	20
/ 19	.1	.4																5	5	4	18
/ 17		.3																3	3	5	15
/ 15																				2	12
/ 13																					3
/ 11																					5
/																					3
TOTAL	3.8	42.7	46.4	7.1	.1													929	929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5697661	72269	77.8	9.68	929							
Dry Bulb	1553817	37369	40.2	7.388	929		13.2					93
Wet Bulb	1354583	34891	37.6	6.898	929		19.8					93
Dew Point	1107688	31303	33.7	7.556	929		38.4					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

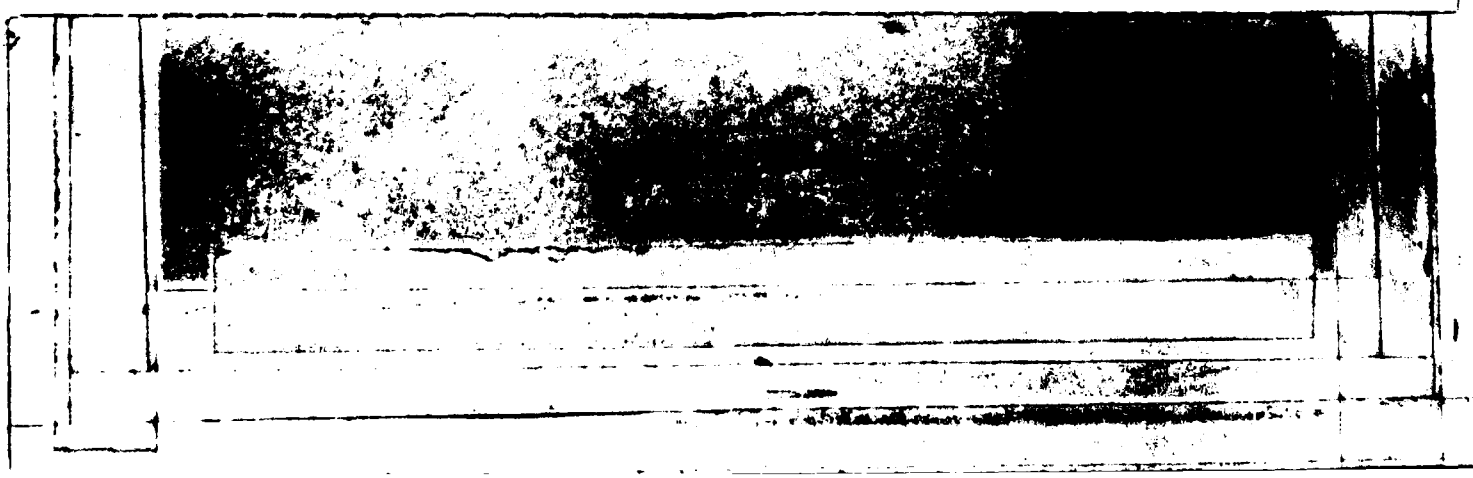
03771 STATION | WILDENHALL RAF UK STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 | 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57			.5	.2	.3	.1												11	11		
[illegible] / 55			.3	.6														9	9		
[illegible] / 53		.1	1.4	1.9	.2													33	33	5	
[illegible] / 51		.4	2.3	2.7	.1													89	89	8	5
[illegible] / 49		.2	3.4	1.1		.1												45	45	29	3
[illegible] / 47		2.3	4.4	1.1	.6													78	78	98	8
[illegible] / 45	.2	3.8	8.3	4.2	.5													158	158	91	38
[illegible] / 43		2.2	5.3	2.8														95	95	94	80
[illegible] / 41		1.9	2.7	1.2														54	54	101	137
[illegible] / 39	.3	4.7	4.[illegible]	1.3														96	96	101	103
[illegible] / 37	1.3	1.6	3.8	.1														63	63	98	72
[illegible] / 35	.1	3.3	2.6	.6														62	62	61	98
[illegible] / 33	.3	3.1	2.2	1.[illegible]														61	61	105	82
[illegible] / 31		1.6	.3	.4														22	22	49	39
[illegible] / 29		1.6	1.8															32	32	32	93
[illegible] / 27	.2	1.4	.2															18	18	33	1.4
[illegible] / 25		.3																3	3	21	20
[illegible] / 23		.1																1	1	3	22
[illegible] / 21																				1	21
[illegible] / 19																					17
[illegible] / 17																					14
[illegible] / 15																					6
TOTAL	2.6	2.7	4.5	1.9.1	1.[illegible]	.2													93[illegible]		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.	5230627	691[illegible]9	74.3[illegible]	[illegible].121	93[illegible]							
Dry Bulb	17335.3	39633	42.6	6.221	93[illegible]		7.6					93
Wet Bulb	1474926	36556	39.3	6.396	930		13.9					93
Dew Point	1173858	32358	34.8	7.180	930		33.8					93

USAFETAC FORM 0-26-5 (OL A) 8-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

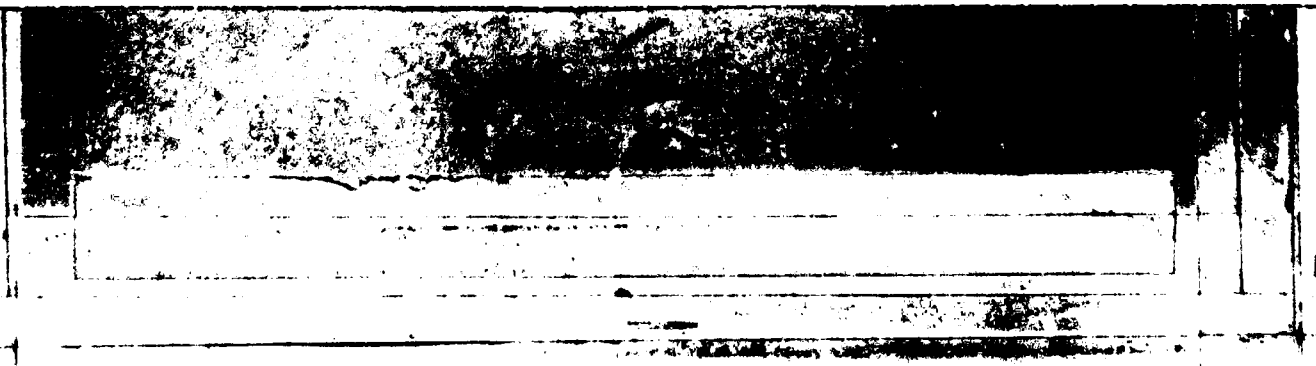
75771 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | JAN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]					.1													1	1		
[illegible]		.1	.5	.3	.1													15	15		
[illegible]		.3	1.7	1.5	.7													35	35	1	
[illegible]		.3	5.2	1.5	.1													66	66	8	2
[illegible]		.3	2.7	1.1	.1													39	39	36	2
[illegible]		.3	4.4	1.2	.1													84	84	74	11
[illegible]	.1	4.3	3.5	2.1	.3													142	142	96	36
[illegible]		2.7	6.1	2.5														105	105	102	85
[illegible]		2.5	3.7	1.1														66	66	97	93
[illegible]	.6	4.8	3.3	1.5														96	96	104	97
[illegible]	1.1	2.6	4.3															74	74	102	82
[illegible]	.1	4.1	2.7	.4														67	67	61	99
[illegible]	.1	3.8	2.1	.2														63	63	117	73
[illegible]		1.2	1.1	.6														26	26	50	46
[illegible]		1.6	1.2	.1														27	27	35	107
[illegible]	.3	1.2	.4															18	18	30	88
[illegible]		.1																1	1	21	31
[illegible]		.3																3	3	1	15
[illegible]																				3	27
[illegible]		.1																1	1		8
[illegible]																				1	17
[illegible]		.1																1	1	1	8
[illegible]																					1
[illegible]																					1
[illegible]																					1
TOTAL	.2	43	3.7	47.7	15.2	1.1													930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	53374 5	69853	75.1	9.881	93[illegible]							
Dry Bulb	1691557	39155	42.1	6.877	930		7.7					93
Wet Bulb	1449446	36236	39.[illegible]	6.359	930		14.2					93
Dew Point	1161166	32166	34.6	7.236	930		35.0					93

USAFETAC FORM AWS 3-4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

--5771 STATION — MILDENHALL RAF UK STATION NAME — 74-83 YEARS — JAN 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
/ 57				.1	.2													3	3		
5-/ 55			.2	.5														7	7		
-4/ 53			1.7	.3														19	19		
-/ 51		.1	4.1	.4	.1													44	44	6	
5 / 47		.1	3.3	.1														37	37	26	
-/ 47		1.7	4.3	1.5	.2													72	72	61	15
9 / 45	.1	5.8	7.4	1.4														118	118	64	36
54/ 43		4.7	4.8	1.5														98	98	90	68
2/ 41		4.3	4.2	.5														84	84	114	87
4 / 39	.3	5.8	3.-	.3														88	88	80	83
7 / 37	.9	3.5	4.6	.1														85	85	103	89
3-/ 35		5.2	5.4	.6														104	104	67	86
3 / 33		4.8	2.9	.3														75	75	125	88
32/ 31		1.6	.8															22	22	87	82
-/ 29		1.1	.8	.0														24	24	33	108
28/ 27	.4	1.9	.5	.2														29	29	27	104
-/ 25		.8																7	7	23	49
24/ 23		.1																1	1	10	16
2/ 21	.3	.3																6	6	4	18
-/ 19		.2																2	2	3	10
18/ 17		.3																3	3	3	11
-/ 15		.2																2	2	3	12
4/ 13																				1	4
1 / 11																					2
/ 9																					7
-/ 7																					1
TOTAL	2.	47.6	49.5	8.3	.5													930	937	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5576313	71517	76.9	9.84	930							
Dry Bulb	1579148	37758	40.6	7.250	930		9.6					93
Wet Bulb	1370035	35157	37.8	6.642	930		19.4					93
Dew Point	1112542	31806	33.8	7.979	930		38.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

75771 — STATION — MILDENHALL RAF UK — STATION NAME — 74-83 — YEARS — JAN — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59						.1												2	3		
5 / 55			.3	.6		.1												10			
4 / 53			1.9	.3														21	2		
2 / 51			2.7	.3														28	28	8	
0 / 49		.4	2.7	.3	.1													27	27	25	1
6 / 47		3.5	3.5	.6	.1													63	63	44	10
4 / 45		4.1	6.5	1.1														108	108	57	30
4 / 43	.1	3.8	6.7	.9														100	100	83	62
7 / 41	.4	4.2	4.8	.1														89	89	101	77
4 / 39		6.7	2.6	.2														88	88	89	86
3 / 37	1.0	4.7	3.4	.1														86	86	112	87
/ 35	.3	3.9	5.3	.8														95	95	72	86
3 / 33	.4	4.1	3.2	.1														73	73	114	91
2 / 31		4.3	1.3															46	46	80	47
1 / 29	.1	1.9	1.1	.4														32	32	57	87
/ 27	.8	2.3	.3	.2														33	33	28	121
1 / 25		1.2																11	11	28	45
/ 23																				14	26
2 / 21	.1	.3																8	8	1	22
/ 19		.1																1	1	7	18
/ 17		.5																5	5	3	3
1 / 15		.3																3	3	5	9
/ 13																				1	5
1 / 11		.1																1	1	1	3
/ 9																					7
/ 7																					2
TOTAL	3.2	45.4	44.7	6.1	.3	.1												930	93	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5711519	72391	77.8	9.782	930							
Dry Bulb	1522556	37012	39.8	7.304	930		14.0					93
Wet Bulb	1329341	34581	37.2	6.842	930		22.5					93
Dew Point	1084722	30966	33.3	7.600	930		40.0					93

FORM AS-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
JAN — 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				
/ 59																		4	4		
/ 57																		29	29		
/ 55																		61	61	3	
/ 53																		173	173	15	
/ 51																		370	370	46	19
/ 49																		267	267	188	11
/ 47																		538	538	483	64
/ 45																		943	943	555	263
/ 43																		769	769	711	521
/ 41																		623	623	739	719
/ 39																		708	708	722	691
/ 37																		695	695	843	641
/ 35																		669	669	590	699
/ 33																		550	550	935	690
/ 31																		235	235	511	440
/ 29																		311	311	309	721
/ 27																		261	261	325	827
/ 25																		95	95	230	315
/ 23																		31	31	91	208
/ 21																		30	30	43	195
/ 19																		32	32	32	112
/ 17																		20	20	32	103
/ 15																		21	21	23	84
/ 13																				9	43
/ 11																		4	4	4	22
/ 9																					39
/ 7																					9
/ 5																					3
TOTAL																		7439	7439	7439	7439

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	85117772	575168	77.3	9.882	7439							
Dry Bulb	125206	299898	40.3	7.428	7439		104.0					744
Wet Bulb	10864078	279578	37.6	6.226	7439		162.9					744
Dew Point	8836788	249982	33.6	7.650	7439		312.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 0000-0700 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] / 57			.5	.4														7	7		
[illegible] / 51		.6	.6	.6														15	15	1	
[illegible] / 49		.7	1.8	1.1														30	30	10	2
[illegible] / 47	.1	1.9	2.4	.4														40	40	25	10
[illegible] / 45	.5	4.6	5.6	.1														91	91	47	18
[illegible] / 43	.2	3.5	2.2															54	54	76	35
[illegible] / 41	.1	5.2	2.5	.7														70	70	83	45
[illegible] / 39	.4	6.4	3.5	1.4														99	99	52	92
[illegible] / 37	1.1	5.2	4.4	.1														91	91	90	72
[illegible] / 35	.5	5.1	4.7	.8														93	93	86	78
[illegible] / 33	.5	5.1	4.3	.1														84	84	111	61
[illegible] / 31	.2	5.9	1.4															64	64	87	62
[illegible] / 29		4.7	2.2															59	59	86	80
[illegible] / 27	.6	3.2	.5															36	36	43	116
[illegible] / 25		.7																6	6	36	75
[illegible] / 23		.4																3	3	8	31
[illegible] / 21	.4	.1																4	4	5	22
[illegible] / 19																					32
[illegible] / 17																					15
TOTAL	4.5	53.3	30.5	5.7															846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5420345	67221	79.5	9.708	846							
Dry Bulb	1279753	32447	38.4	6.463	846		17.1					84
Wet Bulb	1129898	30470	36.0	6.199	846		26.3					84
Dew Point	929768	27408	32.4	7.036	846		83.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 53			.7															6	6		
[illegible] / 51		.1	.6															6	6		
[illegible] / 49		.2	1.2	1.1														21	21	7	
[illegible] / 47	.4	2.[illegible]	1.7	.5	.1													39	39	19	9
[illegible] / 45		[illegible]	5.6	.7														78	78	36	17
[illegible] / 43		5.1	2.2															62	62	27	27
[illegible] / 41		5.9	3.2															77	77	94	41
[illegible] / 39	.6	7.6	2.8	.6														98	98	59	96
[illegible] / 37	1.3	3.2	5.3	.6														88	88	92	71
[illegible] / 35	.4	4.7	4.1	.6														83	83	58	72
[illegible] / 33	.5	5.[illegible]	5.7	.4														97	97	124	61
[illegible] / 31	.2	5.1	.6															50	50	106	32
[illegible] / 29	.1	4.6	1.9															56	56	67	91
[illegible] / 27	2.2	4.3	.9															63	63	59	136
[illegible] / 25		1.4																12	12	39	74
24 / 23		.4	.1															4	4	14	43
[illegible] / 21	.6																	5	5	8	26
[illegible] / 19	.1																	1	1	2	25
[illegible] / 17																					20
[illegible] / 15																					4
1 / 11																					1
TOTAL	6.4	52.5	.6	4.4	.1														846		846
																		846		846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5437632	67326	79.6	9.713	846							
Dry Bulb	1235758	31858	37.7	6.538	846		19.0					84
Wet Bulb	1091948	29938	35.4	6.229	846		29.3					88
Dew Point	895538	26864	31.8	7.292	846		88.9					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 53			.7														6	6		
[illegible] / 51		.2	.5														6	6		
[illegible] / 49		.2	.9	.5													14	14	8	
/ 47	.2	2.1	2.4	.9													46	46	19	7
[illegible] / 45		3.6	4.1	.6													62	62	33	18
4/ 43		5.2	2.7	.5													71	71	53	19
[illegible] / 41		6.9	2.6	.1													81	81	88	45
[illegible] / 39	.6	7.8	2.5	.6													97	97	73	93
[illegible] / 37	.9	[illegible]	5.2	.1													78	78	90	95
[illegible] / 35	.4	4.7	4.7	.9													91	91	56	64
[illegible] / 33	.7	6.5	5.6	.2													110	110	121	58
/ 31	.4	3.5	.9														41	41	124	37
[illegible] / 29	.1	5.2	1.5														58	58	51	78
[illegible] / 27	1.2	5.4	.6														61	61	64	137
/ 25	.5	1.2															14	14	46	89
[illegible] / 23		.4															3	3	10	33
[illegible] / 21	.7																6	6	9	31
/ 19	.1																1	1	1	29
[illegible] / 17																				18
[illegible] / 15																				5
TOTAL	[illegible].6	54.8	35.[illegible]	4.4													846		846	
																		846		846

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	542577[illegible]	67261[illegible]	79.5	9.630	846							
Dry Bulb	1226022	31740	37.5	6.455	846		18.3					84
Wet Bulb	1083118	29818	35.2	6.169	846		30.3					84
Dew Point	886583	26729	31.6	7.[illegible]58	846		45.[illegible]					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57					.2													2	2		
[illegible] / 55				.4	.2													5	5		
[illegible] / 53				.6	.5													9	9		
[illegible] / 51			.1	1.2	.9													25	25	5	
[illegible] / 49			.6	2.[illegible]	1.1													31	31	14	1
[illegible] / 47			2.1	3.3	.7													52	52	34	7
[illegible] / 45	.2	4.5	6.[illegible]	1.3	.1													103	103	65	27
[illegible] / 43		4.5	3.2	1.3	.1													77	77	80	41
[illegible] / 41	.1	4.7	5.[illegible]	.7	.1													90	90	81	81
[illegible] / 39	.2	5.8	3.9	1.4														96	96	65	85
[illegible] / 37	1.1	4.3	7.7	.7														116	116	103	72
[illegible] / 35	.2	3.8	5.8	1.2														93	93	88	70
[illegible] / 33	.4	3.3	3.7	.2														64	64	136	77
[illegible] / 31		2.8	.7															30	30	81	42
[illegible] / 29		3.3	.1															29	29	52	70
[illegible] / 27	.7	1.4																18	18	27	140
[illegible] / 25		.5																4	4	9	69
[illegible] / 23		.1																1	1	8	30
[illegible] / 21	.1																	1	1	2	20
[illegible] / 19																					.1
[illegible] / 17																					3
TOTAL	3.1	41.6	44.2	12.5	.4													846	846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5113[illegible]47	65163	77.[illegible]	10.543	846							
Dry Bulb	1397[illegible]11	33983	40.2	6.189	886		8.2					84
Wet Bulb	1212288	31648	37.4	5.825	886		17.4					84
Dew Point	978889	28199	33.3	6.790	886		38.2					84

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

2

PSYCHROMETRIC SUMMARY

[illegible] MILDENHALL RAF UK — 74-83 — FEB

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
/ 59						•												1	1		
/ 57				.2	.2													10	10		
/ 55			.2	1.3														13	13		
4/ 53			1.7	2.3	.8													38	38		
/ 51		.1	3.9	2.4	.6													59	59	10	
/ 49		.7	2.8	2.3	.4	.1												51	51	46	
/ 47		.9	3.5	2.8	.2													63	63	64	6
/ 45	.1	4.6	6.4	2.2	1.3	.2												126	126	72	48
4/ 43	.1	2.6	2.8	4.1	.2													89	89	100	65
/ 41		2.8	3.7	3.2	.5													86	86	80	80
/ 39	.8	3.7	2.6	4.7	.2	.1												103	103	73	94
/ 37	.8	1.4	6.7	.7														82	82	104	67
/ 35	.1	1.9	3.1	1.2	.1													54	54	71	72
/ 33	.2	2.3	1.9	.2														37	37	132	60
/ 31		1.9	.5	.1														21	21	51	38
/ 29		.5	.4															7	7	28	65
/ 27		.7																6	6	12	134
/ 25																				3	54
/ 23																					21
/ 21																					29
/ 19																					7
/ 17																					3
/ 15																					2
/ 13																					1
TOTAL	2.2	23.8	47.2	27.9	5.3	.6												846	846	846	846

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4445116	60450	71.5	12.198	846							
Dry Bulb	1605926	36472	43.1	6.304	846		3.4					84
Wet Bulb	1340229	33305	39.4	5.867	846		9.3					84
Dew Point	1029779	28887	34.1	7.168	846		35.1					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | 15:0-17:0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/57			.1	.1	.5	.1												7	7		
5[illegible]/55			.9	1.4														15	15		
[illegible]/53			1.8	1.5	.2	.1												31	31	1	
[illegible]/51		.4	3.[illegible]	2.6	.6													57	57	5	
[illegible]/49		.7	1.9	1.4	.4													37	37	49	1
[illegible]/47		2.8	4.7	3.5	.4													97	97	47	15
[illegible]/45	.4	4.[illegible]	6.3	3.7	.4	.2												126	126	85	49
[illegible]/43		1.9	1.3	3.2	.5	.1												63	63	104	45
[illegible]/41	.1	2.8	4.4	3.2	.2													91	91	79	87
[illegible]/39	.4	4.[illegible]	3.4	3.7	.1	.1												99	99	65	87
[illegible]/37		1.8	5.[illegible]	1.8	.1													73	73	98	67
[illegible]/35	.6	2.4	4.3	2.[illegible]	.2													80	80	81	74
3[illegible]/33	.1	1.4	1.2	.5														27	27	118	60
[illegible]/31		2.1	.3															25	25	65	45
[illegible]/29		.7	.1															7	7	3[illegible]	68
2[illegible]/27	.1	1.2																11	11	13	117
[illegible]/25																				6	47
2[illegible]/23																					43
[illegible]/21																					22
[illegible]/19																					[illegible]
[illegible]/17																					[illegible]
1[illegible]/15																					1
[illegible]/13																					1
1[illegible]/11																					[illegible]
TOTAL	1.7	26.2	39.0	28.6	3.8	.7												846	846		846
																				846	

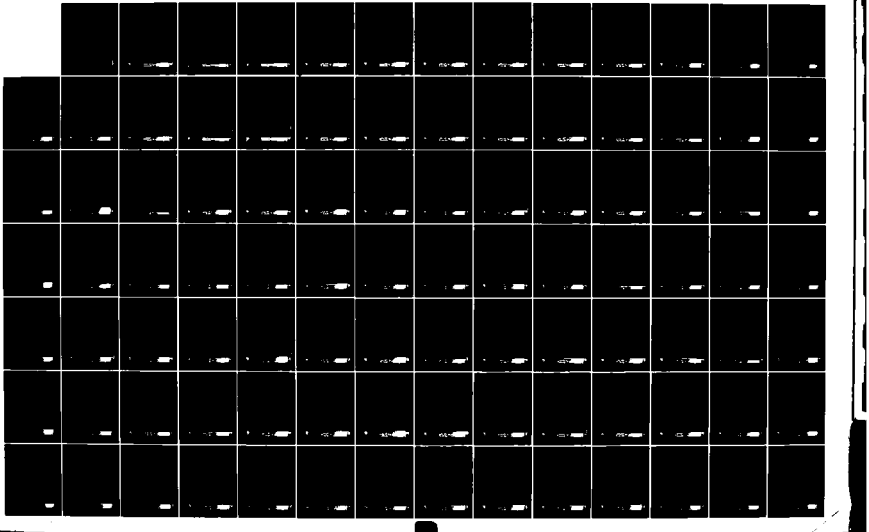
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4472631	6663	71.7	12.53	846							
Dry Bulb	1586989	36245	42.8	6.311	346		4.3					[illegible]
Wet Bulb	1326719	33122	39.2	5.953	846		11.3					[illegible]
Dew Point	1023173	28760	34.0	7.336	846		35.8					[illegible]

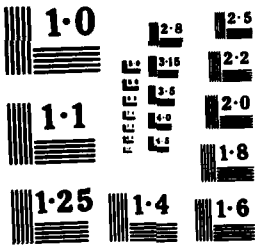
USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

4/5

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




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / 55			.1	.1															2	2		
4/ 53			.2	1.1															19	19		
[illegible] / 51		.1	1.[illegible]	.4															20	20	1	
[illegible] / 49		.1	1.4	1.3															28	29	22	
[illegible] / 47	.1	1.3	2.7	.9															60	60	35	11
[illegible] / 45	.1	5.8	7.1	1.5															123	123	69	41
4/ 43	.1	4.[illegible]	3.3	1.7															77	77	86	39
[illegible] / 41		3.5	4.[illegible]	1.5															77	77	78	76
[illegible] / [illegible]	.2	6.1	4.3	.5															94	94	66	81
[illegible] / 37	.6	3.3	5.[illegible]	.4															78	78	100	68
[illegible] / 35	.5	3.5	6.[illegible]	1.8															100	100	91	69
[illegible] / 33	.4	3.4	5.4	.7															84	84	104	77
[illegible] / 31		3.1	.[illegible]	.1															35	35	98	34
[illegible] / 29		2.4	1.2																30	30	64	80
[illegible] / 27		2.1																	18	18	25	116
[illegible] / 25		.1																	1	1	16	73
[illegible] / 23																					1	31
2/ 21																						22
[illegible] / 19																						14
[illegible] / 17																						14
TOTAL	[illegible]	41.5	44.6	11.9															846	846		846
																			846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5029233	64637	76.4	10.364	846							
Dry Bulb	1497249	341[illegible]	40.3	6.174	846		8.3					84
Wet Bulb	1218802	31708	37.5	5.997	846		20.3					84
Dew Point	981051	28163	33.3	7.176	846		38.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

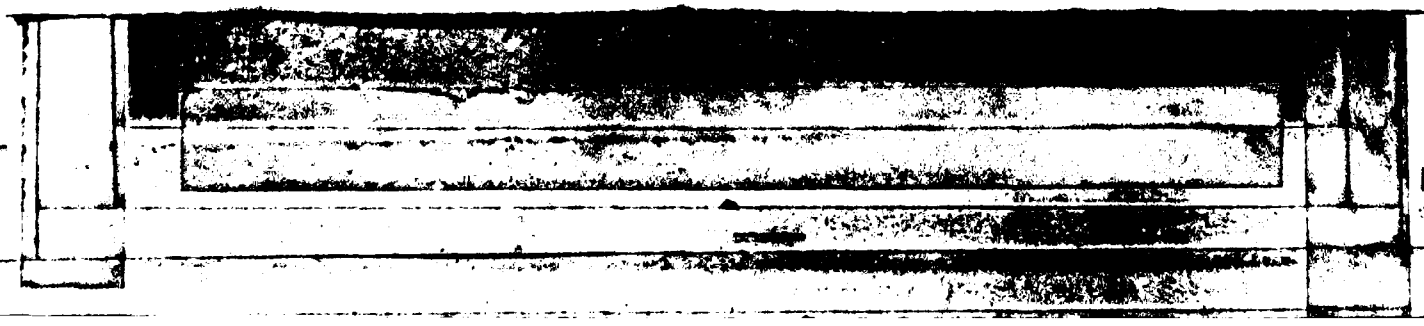
[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | FEB MONTH

PAGE 1 ~~2160-2360~~ HOURS (C. 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]			.6															5	5		
[illegible]		.2	2.[illegible]	.5														23	23		
[illegible]			1.1	.3														16	16	10	
[illegible]	.2	2.4	2.5	.6														48	48	27	8
[illegible]	.1	5.2	6.7	.9														110	110	46	21
[illegible]		5.4	2.[illegible]	1.1														72	72	87	37
[illegible]		5.4	3.7	.5	.1													82	82	96	60
[illegible]	.2	5.2	3.2	1.3														84	84	54	105
[illegible]	1.2	4.4	3.8	.1														80	80	87	59
[illegible]	.4	4.8	4.7	.7														90	90	76	69
[illegible]	.6	3.4	5.3	.5														83	83	118	69
[illegible]		5.1	3.1	.4														72	72	91	43
[illegible]	.2	2.7	2.2															44	44	77	81
[illegible]	.9	2.7	.2															33	33	47	128
[illegible]		.1																1	1	26	65
[illegible]		.4																3	3	1	32
[illegible]																				3	34
[illegible]																					21
[illegible]																					13
[illegible]																					1
TOTAL	3.0	47.5	41.1	7.3	.1													846	846		846
																		846		846	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	5238326	66028	78.0[illegible]	0.067	846							
Dry Bulb	132[illegible]149	32998	39.[illegible]	6.285	846		15.2					88
Wet Bulb	1155839	30887	36.5	6.[illegible]66	846		28.[illegible]					88
Dew Point	939050	27588	32.6	7.062	846		81.5					88

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

15771 | MILDENHALL RAF UK | 74-87 | FEB
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
/ 59						•												1	1		
/ 57			•	• 2	• 1	•												19	19		
56/ 55			• 1	• 4														35	35		
54/ 53			1.1	• 7	• 1	•												121	121	1	
52/ 51		• 2	1.8	• 9	• 2													211	211	22	
50/ 49		• 5	1.6	1.2	• 1	•												228	228	166	4
48/ 47	• 1	2.2	2.9	1.3	• 1													445	445	270	73
46/ 45	• 2	4.3	6.1	1.4	• 2	• 1												819	819	453	239
44/ 43	• 1	4.1	2.5	1.5	• 2	•												565	565	648	308
42/ 41	• 1	4.6	3.6	1.2	• 1													654	654	679	515
40/ 39	• 4	5.9	3.3	1.8	• 1	• 3												770	770	507	733
38/ 37	• 9	3.3	5.4	• 6	• 1													686	686	764	561
36/ 35	• 4	3.9	4.7	1.2	• 1													684	684	597	568
34/ 33	• 4	3.8	4.1	• 4														586	586	964	523
32/ 31	• 1	3.7	1.1	• 1														338	338	703	333
30/ 29	• 1	3.7	1.2															290	290	455	613
28/ 27	• 7	3.6	• 3															246	246	290	1024
26/ 25	• 1	• 5																38	38	191	546
24/ 23		• 2	•															14	14	38	264
22/ 21	• 2	•																16	16	27	216
20/ 19	•																	2	2	3	149
18/ 17																					91
16/ 15																					11
14/ 13																					3
12/ 11																					3
/ 9																					1
TOTAL	3.7	42.7	39.7	12.6	1.2	• 2												6768	6768		6768
																		6768		6768	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	40582600	518744	76.6	11.26	6768							
Dry Bulb	11058356	269846	39.9	6.651	6768		93.7					672
Wet Bulb	9558832	250848	37.1	6.216	6768		168.5					672
Dew Point	7663836	222556	32.9	7.184	6768		322.3					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55			.2															2	2		
[illegible] / 53		.4	1.6															19	19		
[illegible] / 51		.8	1.7	.4														27	27	12	
[illegible] / 49	.1	1.5	2.2	.3														38	38	23	8
[illegible] / 47	.1	1.9	2.3	.3	.1													44	44	43	20
[illegible] / 45	.3	7.7	4.7	.3														108	108	45	48
[illegible] / 43	.1	6.3	5.8	1.7	.2													132	132	87	51
[illegible] / 41	.4	6.2	4.4	.2														105	105	119	55
[illegible] / 39	.2	7.4	5.6	.4														127	127	105	98
[illegible] / 37	1.4	6.3	4.1	1.2														121	121	149	108
[illegible] / 35	.2	4.3	4.5	.9														98	98	113	117
[illegible] / 33	.2	3.2	2.7	.5														62	62	104	107
[illegible] / 31	.2	1.3	1.1															24	24	70	67
[illegible] / 29	.1	1.5	.2															17	17	37	72
[illegible] / 27		.4	.2															6	6	19	91
[illegible] / 25																				4	36
[illegible] / 23																					26
[illegible] / 21																					15
[illegible] / 19																					7
[illegible] / 17																					3
[illegible] / 15																					1
TOTAL	.4	1.4	.7	4.1	6.3	.3												930		930	930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]984551	74085	79.6	9.909	930							
Dry Bulb	1581289	38018	40.9	5.828	930		8.7					93
Wet Bulb	1394376	35719	38.4	5.379	930		13.0					93
Dew Point	1172910	32878	35.3	6.877	930		31.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

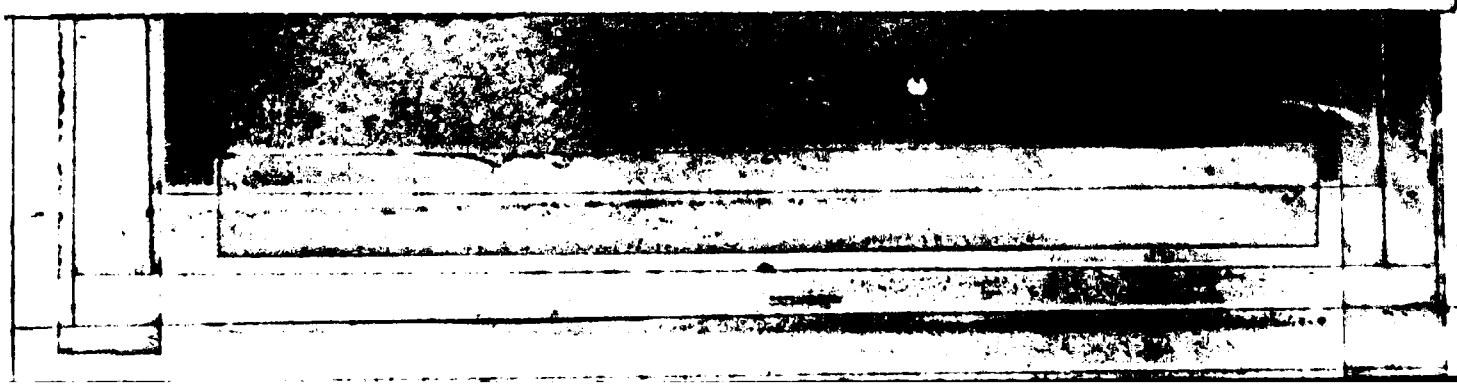
25271 STATION | MILDENHALL RAF UK STATION NAME | 74-87 YEARS | MAR MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5[illegible] / 55			.1															1	1		
[illegible]4 / 53		.1	1.2															12	12		
[illegible]2 / 51		.9	.9	.3														19	19	17	
5 / 49		[illegible]	1.3	.2	.1													24	24	13	1
[illegible] / 47	.3	2.6	.9	.3														38	38	40	23
[illegible] / 45	.6	6.7	3.[illegible]	.4														100	100	48	46
[illegible]4 / 43		4.5	5.9	1.[illegible]														106	106	68	48
2 / 41		9.7	4.4	.5														136	136	91	58
[illegible] / 39		8.4	4.2	.2														119	119	119	68
[illegible] / 37	1.3	7.1	4.7	.8														129	129	134	100
[illegible] / 35	1.[illegible]	[illegible].3	4.2	.3														100	100	129	112
[illegible] / 33	.1	[illegible].5	3.4	.8														82	82	116	115
[illegible] / 31		[illegible].[illegible]	1.[illegible]															18	18	84	61
[illegible] / 29	.[illegible]	2.4	.8															31	31	34	92
[illegible] / 27		[illegible].2	.3															14	14	33	100
[illegible] / 25		.[illegible]																1	1	9	44
[illegible] / 23																				2	33
2[illegible] / 21																					13
[illegible] / 19																					13
[illegible] / 17																					2
[illegible]7 / 13																					1
TOTAL	3.5	55.3	36.2	4.8	.1														937		930
																		970		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6098377	74759	80.9	9.777	937							
Dry Bulb	1512489	37161	40.0	5.451	930		6.9					93
Wet Bulb	1344492	34998	37.6	5.435	937		16.2					93
Dew Point	1132018	31874	34.3	6.529	930		35.9					93

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75771 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | MAR MONTH

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

Temp. (F)	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/ 53			.8															7	7		
62/ 51		1.1	1.4	.4														27	27	6	
57/ 49		1.2	1.5	.2														27	27	14	
52/ 47	.3	3.1	2.3	.9	.2													60	60	44	20
47/ 45	1.2	5.1	3.8	.3														96	96	70	53
42/ 43	.1	4.2	6.2	1.2														109	109	48	48
37/ 41		1 .4	4.6	.2														142	142	96	63
32/ 39	.1	9.8	3.7	.6														132	132	127	87
27/ 37	1.6	5.5	4.5	1.														117	117	149	96
22/ 35	.1	4.3	5.5	.1														93	93	96	111
17/ 33	.4	3.3	2.5	.6														64	64	128	113
12/ 31		1.4	1.1															23	23	65	59
7/ 29		1.7	1.3															25	25	33	91
2/ 27	.1	.3	.2															6	6	28	98
-3/ 25		.2																2	2	5	30
-8/ 23																				1	33
-13/ 21																					14
-18/ 19																					12
-23/ 17																					2
TOTAL	4.	51.	53	8.7	5.6	.2													930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	6039955	74371	80.0	9.988	930							
Dry Bulb	1550788	37688	40.5	5.368	930		5.6					93
Wet Bulb	1376566	35432	38.1	5.355	930		13.2					93
Dew Point	1158303	32209	34.6	6.862	930		33.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

0900-1100
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] / 62					.1													1	1		
[illegible] / 59				.1		.1												2	2		
[illegible] / 57				.2	.3													5	5		
54 / 55		.2	.5	1.1		.1												18	18		
[illegible] / 53		.9	2.4	1.6	.2													53	53	5	
[illegible] / 51		1.1	3.7	1.9	.8													68	68	29	3
5[illegible] / 49	.1	.8	2.9	1.9	.2													55	55	40	14
[illegible] / 47	.1	2.8	4.6	1.5	.8	.1												92	92	69	26
[illegible] / 45	.3	5.1	11.1	3.9	1.4	.4												206	206	122	50
4[illegible] / 43		4.3	6.2	2.1	.2													124	124	105	62
[illegible] / 41	.1	5.7	4.2	1.4	.1													107	107	144	120
4[illegible] / 39	.2	4.3	3.7	1.2														87	87	141	124
3[illegible] / 37	.3	2.2	3.2	.8														60	61	101	105
[illegible] / 35	.2	1.5	1.9	.3														37	37	79	108
3[illegible] / 33	.1	1.1	.5															14	14	70	90
[illegible] / 31																				19	56
[illegible] / 29																				5	56
[illegible] / 27																					61
[illegible] / 25																					24
[illegible] / 23																					16
2[illegible] / 21																					11
[illegible] / 19																					3
TOTAL	1.5	29.7	44.8	18.1	5.3	.8												929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5238197	68891	74.2	11.813	929							
Dry Bulb	1887063	41579	44.8	5.306	929							93
Wet Bulb	1605520	38342	41.3	4.984	929		2.4					93
Dew Point	1289221	34127	36.7	6.190	929		22.7					93

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

2

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

PAGE 1 1200-1800 Hours (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 63						.3			.1									4	4		
[illegible]/ 61					.2	.1	.2	.3										9	9		
[illegible]/ 59				.4	.4	.5	.1											14	14		
[illegible]/ 57			.3	1.4	1.5	.8												41	41		
[illegible]/ 55		.2	1.5	3.[illegible]	1.7													60	60	2	
[illegible]/ 53		.4	1.5	3.3	1.7	.6												71	71	18	
[illegible]/ 51		.2	4.9	2.9	2.4	.5												102	102	38	8
[illegible]/ 49		.5	2.3	2.[illegible]	1.1	.3												63	63	92	11
[illegible]/ 47		1.[illegible]	4.[illegible]	4.4	3.1	1.2	.1											128	128	101	29
[illegible]/ 45		4.3	6.1	6.6	3.[illegible]	.8												193	193	103	73
[illegible]/ 43		2.[illegible]	2.4	1.2	.[illegible]													67	67	136	67
[illegible]/ 41	.1	2.9	3.5	1.4	.5	.1												80	80	148	119
[illegible]/ 39		2.6	2.5	1.5														61	61	107	124
[illegible]/ 37	.1	1.[illegible]	1.2	.4														25	25	87	76
[illegible]/ 35		.6	.3															9	9	54	108
[illegible]/ 33		.1	.2															3	3	35	99
[illegible]/ 31																				7	54
[illegible]/ 29																				2	53
[illegible]/ 27																					50
[illegible]/ 25																					25
[illegible]/ 23																					16
[illegible]/ 21																					12
[illegible]/ 19																					3
[illegible]/ 17																					3
TOTAL	.2	14.7	31.2	29.1	16.7	5.3	.4	.3	.1									930	930		930
																				930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8831039	62777	67.5	13.265	930							
Dry Bulb	2153114	44432	47.8	5.712	930							93
Wet Bulb	1781257	39973	43.1	8.992	930		.9					93
Dew Point	1316723	34883	37.0	6.888	930		21.6					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] MILDENHALL RAF UK 74-83 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]						•[illegible]			•[illegible]									7	7		
[illegible]				•[illegible]	•4		•2	•[illegible]	•[illegible]									15	15		
[illegible]				•[illegible]	•[illegible]	•4	•3	•[illegible]										17	17		
[illegible]			•[illegible]	1.2	1.2	•6												29	29	2	
[illegible]			•9	2.7	2.3	•2												56	56	4	
[illegible]		•3	1.8	2.6	2.9	•2	•5											78	78	14	2
[illegible]		•4	3.[illegible]	2.5	1.[illegible]	•4	•1											69	69	31	3
[illegible]		•1	2.2	3.2	1.[illegible]	1.1												78	78	78	6
[illegible]		2.5	3.9	4.1	2.[illegible]	•4												119	119	89	25
[illegible]	•1	4.1	6.6	4.6	3.1	1.5												186	186	116	77
[illegible]	•2	2.4	3.1	2.8	•9	•1												88	88	132	63
[illegible]		3.[illegible]	4.5	2.3	•6													97	97	132	102
[illegible]		2.[illegible]	2.[illegible]	1.7														57	57	116	112
[illegible]		•5	1.1	•5														20	20	103	92
[illegible]		•5	•5	•[illegible]														13	13	68	106
34/ 33																				35	86
[illegible]																				7	58
[illegible]																				2	69
[illegible]																					55
[illegible]																					32
[illegible]																					20
[illegible]																					17
[illegible]																					3
[illegible]																					1
TOTAL	•3	16.[illegible]	20.9	29.4	16.6	5.6	1.2	•4	•[illegible]									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.	4282117	61765	66.5	13.679	929							
Dry Bulb	2137152	44230	47.6	5.812	929							93
Wet Bulb	1712079	39609	42.6	5.013	929		•9					93
Dew Point	1273480	33857	36.[illegible]	6.560	929		25.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

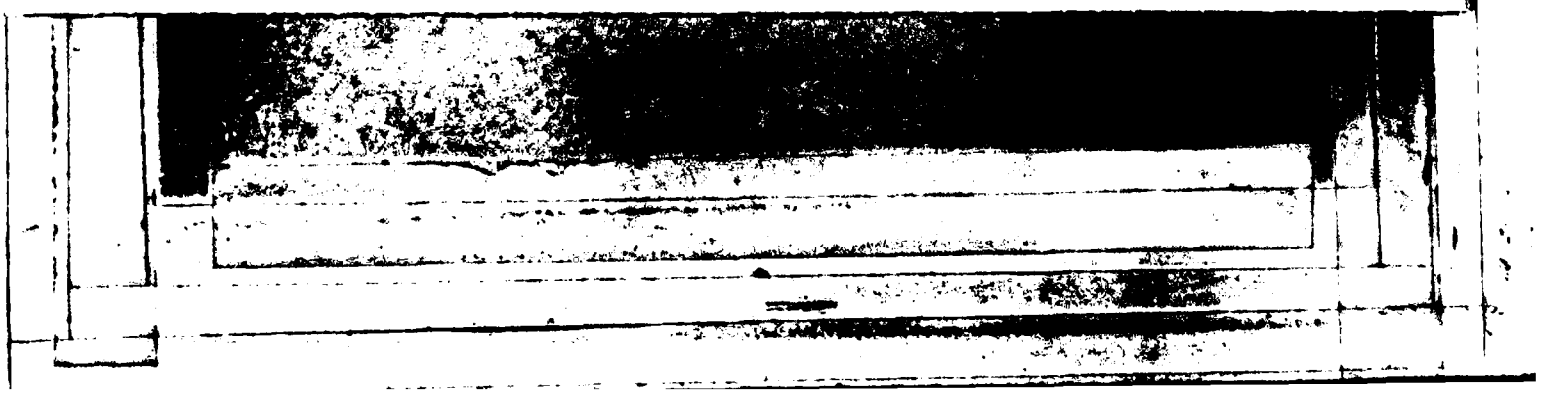
[illegible] 71 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | MAR MONTH

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
[illegible] / [illegible]					.1													1	1		
[illegible] / 59					.1													1	1		
[illegible] / 57			.1	.4		.1	.1											8	8		
[illegible] / 55		.1	.2	.6	.4	.1	.1											16	17		
[illegible] / 53		.4	1.2	.7	.2	.3												37	37	6	
[illegible] / 51		1.1	3.6	1.3	.8													62	62	18	4
[illegible] / 49		.6	2.2	1.2	.2	.3												42	42	40	4
[illegible] / 47		2.3	4.2	1.9	1.1													98	98	61	20
[illegible] / 45		5.5	9.1	3.7	2.													189	189	93	67
[illegible] / 43	.3	2.8	6.5	3.0	.8													124	124	111	59
[illegible] / 41		5.2	6.4	1.6	.2													124	124	126	86
[illegible] / 39		4.7	4.6	1.3	.1													100	100	138	99
[illegible] / 37	.4	2.4	3.8	.6														67	67	134	104
[illegible] / 35		1.1	1.6	1.4														34	34	88	95
[illegible] / 33		.5	1.6	.2														22	22	67	119
[illegible] / 31		.2	.2															4	4	26	60
[illegible] / 29																				19	61
[illegible] / 27																				2	78
[illegible] / 25																					33
[illegible] / 23																					21
[illegible] / 21																					15
[illegible] / 19																					3
[illegible] / 17																					1
TOTAL	.3	28.2	46.3	17.9	6.1	.9	.2											929	930		929
																		929		929	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,996,41	67997	73.2	11.096	929							
Dry Bulb	1840150	41070	44.2	5.335	930		.4					93
Wet Bulb	1551947	37675	40.6	5.92	929		4.7					93
Dew Point	1230832	33280	35.8	6.818	929		27.2					93

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



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 | WILDENHALL RAF UK | 74-83 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55			.1															1		
[illegible] / 53		.2	1.7	.3														21		
[illegible] / 51	.2	1.1	3.[illegible]														4		11	2
[illegible] / 49	.1	1.5	1.6	.4	.2												36	36	35	3
[illegible] / 47		1.2	3.1	1.2													70	70	53	22
46 / 45	.4	4.9	8.[illegible]	1.4	.6												143	143	60	65
44 / 43	.2	4.4	7.[illegible]	2.5	.1												132	132	93	47
[illegible] / 41		6.3	4.2	2.[illegible]													124	124	109	71
40 / [illegible]	.2	7.8	4.9	.6													127	127	123	111
[illegible] / 37	.6	3.7	5.2	.1													89	89	144	108
[illegible] / 35		2.6	4.2	.6													69	69	106	88
34 / 33		2.2	3.[illegible]	.3													51	51	100	113
[illegible] / 31		1.[illegible]	.6	.1													16	16	49	49
[illegible] / 29		1.[illegible]	.2														11	11	34	69
[illegible] / 27																			13	111
[illegible] / 25																				43
24 / 23																				21
[illegible] / 21																				15
[illegible] / 19																				2
[illegible] / 17																				3
TOTAL	1.[illegible]	39.9	46.9	11.4	1.[illegible]												930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5669159	71981	77.[illegible]	10.266	930							
Dry Bulb	1669641	39029	42.0	5.363	930		2.7					93
Wet Bulb	1450672	36396	39.1	5.320	930		9.6					93
Dew Point	1193948	32766	35.2	6.523	930		31.0					93

FORM 0-26-5 (OL A) 84 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | MILDENHALL RAF [illegible] STATION NAME | 74-83 YEARS | MAR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]						•1			•1									11	11		
[illegible]					•1	•2	•1	•1	•1									26	26		
[illegible]				•1	•1	•1	•1	•										34	34		
[illegible]			•1	•1	•4	•2	•											83	83	2	
[illegible]		•1	•4	•9	•6	•1	•											154	155	6	
[illegible]		•3	1•6	1•1	•7	•1	•1											298	298	43	2
[illegible]	•	•9	2•8	1•7	•6	•1	•											414	414	155	20
[illegible]	•	•9	2•2	1•3	•5	•2												363	363	335	47
[illegible]	•1	2•5	3•1	1•9	•9	•2	•1											649	649	500	185
[illegible]	•4	5•3	6•5	2•6	1•3	•3												1221	1221	657	479
[illegible]	•1	4•[illegible]	5•4	1•9	•4	•1												882	882	800	445
[illegible]	•1	6•2	4•5	1•3	•2	•[illegible]												915	915	965	674
[illegible]	•1	5•[illegible]	3•9	1•[illegible]	•[illegible]													810	810	976	813
[illegible]	•7	3•6	3•5	•7														628	628	1001	789
[illegible]	•7	2•5	2•[illegible]	•4														453	453	733	845
[illegible]	•1	1•9	1•7	•3														298	298	655	842
[illegible]	•	•6	•5	•[illegible]														85	85	327	864
[illegible]	•[illegible]	•3	•7															84	84	166	503
[illegible]	•	•2	•1															26	26	95	644
[illegible]	•	•[illegible]																1	3	18	264
[illegible]																				3	196
[illegible]																					112
[illegible]																					46
[illegible]																					11
[illegible]																					5
[illegible]																					1
TOTAL	2•	35.7	30.3	15.2	5.8	1.6	•2	•1	•1									7437	7438		7437
																				7437	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	92812996	556586	74.8	12.479	7437							
Dry Bulb	143266[illegible]6	323164	43.4	6.201	7438		19.8					744
Wet Bulb	121809[illegible]9	298139	40.1	5.549	7437		67.9					744
Dew Point	9761035	265025	35.6	6.525	7437		229.7					744

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

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CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 | MILDENHALL RAF UK | 74-83 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.3														3	3		
/ 55		.3	.1	.2		.2												11	11	1	
52		.1	1.4	1.4	.1													28	28	1	1
/ 51		.3	3.	.6	.1													36	36	7	
/ 49		1.7	1.8	1.3	.3													46	46	33	5
/ 47		2.7	4.1	1.1														71	71	52	16
/ 45	.2	5.6	11.2	1.7														168	168	58	49
43	.8	4.4	1.3	2.1														158	158	131	59
/ 41	.6	3.7	5.1	.6														91	91	139	54
/ 39	.1	1.1	4.3	.1														91	91	146	129
/ 37	.3	2.7	2.3															52	52	104	116
/ 35	.3	5.2	3.1															78	78	81	163
/ 33	.1	3.2	2.1															49	49	83	77
/ 31		.9	.2															11	11	41	62
/ 29		.4	.1															5	5	21	64
/ 27	.2																	2	2	6	75
/ 25																					17
/ 23																					9
/ 21																					5
TOTAL	2.2	36.	25.	21.	7	.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	≥ 93 F	Total
Rel. Hum.	5475755	69725	77.5	9.73	900							
Dry Bulb	1679793	38571	42.9	5.457	900		1.6					90
Wet Bulb	1458671	35951	39.9	5.713	900		6.7					90
Dew Point	1204533	32543	36.2	5.562	900		23.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[03771] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | APR MONTH

PAGE 1 | 0300-0600 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
-/ 57				.3														3	3		
-/ 55			.1	.3														6	6		
-/ 53			.1	.1														12	13		
-/ 51		.1	2.7	.2														27	27	6	
-/ 49		.6	1.8															21	21	20	
-/ 47		2.2	2.8	.7	.2													51	51	43	7
-/ 45	.8	4.6	12.3	1.6	.2													175	176	58	51
-/ 43	.9	4.6	11.5	1.7														167	167	89	58
-/ 41	.7	5.3	5.9	.3														110	110	156	63
-/ 39	.4	6.7	2.8	.2														91	91	150	115
-/ 37	.3	3.4	3.3															64	64	118	129
-/ 35	.1	3.8	1.9	.2														54	54	71	139
-/ 33	.6	4.7	2.3															68	68	95	91
-/ 31		2.1	.4															23	23	66	48
-/ 29		1.6	.7															20	20	20	61
-/ 27	.4	.3																7	7	21	100
-/ 25																					24
-/ 23																					16
-/ 21																					6
TOTAL	4.2	33.7	49.4	6.2	.4													899	900	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.	57034.8	71152	79.1	8.956	899							
Dry Bulb	159,019	375.05	41.7	5.491	900		5.0					90
Wet Bulb	1393780	351.12	39.0	5.083	899		10.7					90
Dew Point	1165149	31967	35.6	5.629	899		25.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57			.7	.4														7	7		
[illegible] / 55		.1	.2	1.2														13	13		
[illegible] / 53			.2	1.6	.2													24	24	4	
[illegible] / 51		.2	3.4	1.1	.3													45	45	6	1
[illegible] / 49		.7	3.7	.9	.2													40	40	37	3
[illegible] / 47	.1	3.1	5.9	1.8	.2													99	99	54	8
[illegible] / 45	.9	7.1	12.7	3.3	.3													219	219	104	69
[illegible] / 43	.7	7.7	10.8	1.9	.1													145	145	127	74
[illegible] / 41	.4	4.3	3.6	.8														82	82	141	93
[illegible] / 39	.4	4.7	2.7	.3														73	73	158	135
[illegible] / 37	.7	2.2	2.6															49	49	88	109
[illegible] / 35	.4	3.3	1.7															49	49	65	129
[illegible] / 33		2.3	1.6															35	35	66	78
[illegible] / 31		1.1																10	10	28	44
[illegible] / 29	.1	.8																8	8	16	61
[illegible] / 27	.2																	2	2	6	71
[illegible] / 25																					16
[illegible] / 23																					9
TOTAL	4.0	32.7	48.8	13.2	1.3													900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5431692	69358	77.1	9.818	900							
Dry Bulb	1745109	39327	43.7	5.449	900		2.0					90
Wet Bulb	1510300	36600	40.7	4.938	900		5.0					90
Dew Point	1245858	33120	36.8	5.985	900		20.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 ~~0900-1100 HOURS (L. S. T.)~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 69								.1											1	1		
[illegible] / 67								.1											1	1		
[illegible] / 65							.4												4	4		
[illegible] / 63						.1		.1	.1										12	12		
[illegible] / 61				.1	.3	.3	.1												8	8		
[illegible] / 59				.3	1.7	.7	.2												26	26		
[illegible] / 57			.1	2.3	2.[illegible]	.7													46	46	1	
[illegible] / 55			.3	4.6	1.9	.9													69	69	5	
[illegible] / 53			.2	3.8	3.1	.7	.6												93	93	22	
[illegible] / 51		.4	4.[illegible]	3.7	2.7	.3													100	100	43	1
[illegible] / 49	.2	.3	3.6	4.2	.8	.8	.2												91	91	119	3
[illegible] / 47	.1	1.6	3.6	4.8	2.4	.1													113	113	101	23
[illegible] / 45	.2	2.6	1[illegible].0	5.3	1.4	.1													177	177	142	108
[illegible] / 43	.1	1.2	3.3	2.3	.3														66	66	118	109
[illegible] / 41	.1	.8	2.1	1.[illegible]															36	36	132	89
[illegible] / 39	.2	1.8	1.1	.6															33	33	105	114
[illegible] / 37	.3	1.[illegible]	.7																18	18	67	110
[illegible] / 35		.3	.2																5	5	29	120
[illegible] / 33		.1																	1	1	14	70
[illegible] / 31																					2	57
[illegible] / 29																						47
[illegible] / 27																						44
[illegible] / 25																						10
[illegible] / 23																						3
[illegible] / 21																						2
TOTAL	1.[illegible]	1[illegible].1	31.2	33.[illegible]	16.7	5.7	1.6	.3	.1										900	900		900
																			900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4109972	598.8	66.5	12.278	900							
Dry Bulb	2213713	44297	49.2	5.821	900			.2				90
Wet Bulb	1770597	39693	44.1	8.717	900		.2					90
Dew Point	1331155	38251	38.1	5.588	900		16.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

15771	MILDENHALL RAF UK	74-83	APR
STATION	STATION NAME	YEARS	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
-/ 71									.1	.4								5	5		
-/ 69						.1			.2									6	6		
-/ 67							.3	.3	.3									9	9		
68/ 65					.1	.1	.9	.7	.2									18	18		
66/ 63				.1	.4	1.9	.1	.4	.3									30	30		
-/ 61				.1	1.9	1.7	.4	.3										39	39		
-/ 59			.1	1.3	1.4	1.6	.4	.1										45	45	1	
60/ 57				1.6	4.1	3.2		.1										82	82	5	
58/ 55			.3	3.4	1.2	1.3	.7	.3										64	64	29	
54/ 53			.9	5.2	6.1	1.2	1.7											135	135	57	
52/ 51	.3		1.9	2.9	4.2	2.3	.4											109	109	49	10
50/ 49		.3	1.7	2.7	1.7	1.1	.3											70	70	136	4
48/ 47		.9	1.6	2.9	1.6	.3												65	65	93	27
46/ 45	.1	1.4	6.1	4.3	2.7													128	128	145	97
44/ 43		.4	2.3	2.1	1.3													56	56	110	96
42/ 41			.6	.8														12	12	110	99
40/ 39		1.2	.4	.1	.2													18	18	78	91
38/ 37	.2	.4																6	6	59	79
36/ 35	.1	.2																3	3	25	133
34/ 33																				1	79
32/ 31																				2	43
30/ 29																					42
28/ 27																					55
26/ 25																					29
24/ 23																					10
22/ 21																					3
-/ 19																					3
TOTAL	.8	5.0	15.7	27.2	26.8	14.9	5.3	2.1	1.2	.4								900	900		900
																		900		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.	3283246	52984	58.9	13.507	900							
Dry Bulb	2495945	47715	52.2	6.682	900			2.0				90
Wet Bulb	1881994	40900	45.4	5.093	900		.2					90
Dew Point	1306009	33825	37.6	6.224	900		18.5					90

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

5571 — STATION
MILDENHALL 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 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] / 71									.1	.4								5	5		
[illegible] / 69								.	.1	.4								6	6		
[illegible] / 67								.	.3									4	4		
66 / 65					.2	.4	.3	.8	.3									19	19		
64 / 63				.2	.7	2.2	.2	.3										35	35		
[illegible] / 61					2.6	1.6	1.9	.4										58	58		
[illegible] / 59				.2	1.4	1.2	.7	.2	.1									40	40	1	
[illegible] / 57			.3	1.4	3.2	1.8	.2	.3										64	64	8	
56 / 55				3.2	3.8	1.9	.9											88	88	15	
54 / 53			.9	3.1	4.4	.3	2.1	.1										99	99	61	3
[illegible] / 51	.3		2.2	3.2	4.1	1.7	.7											108	108	57	19
[illegible] / 49		.2	1.1	2.7	1.7	1.1	.1											62	62	112	6
[illegible] / 47		.8	1.7	3.6	2.1	1.2	.2											84	84	113	19
46 / 45	.2	1.3	5.1	3.1	2.9	.7												128	128	122	80
44 / 43		.1	2.2	1.3	.9													39	39	127	91
[illegible] / 41		.8	1.2	.7	.2													26	26	104	87
[illegible] / 37		1.4	.9	.3														24	24	90	103
34 / 33	.1	.3	.1															5	5	51	78
[illegible] / 35	.3	.1																4	4	32	143
32 / 33	.2																	2	2	7	77
[illegible] / 31																					53
[illegible] / 29																					37
[illegible] / 27																					70
[illegible] / 25																					19
24 / 23																					13
[illegible] / 21																					8
[illegible] / 19																					1
[illegible] / 15																					2
TOTAL	1.2	5.1	16.4	23.4	28.[illegible]	13.7	7.[illegible]	2.9	1.0	.9								900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3283935	52529	58.4	18.[illegible]73	900							
Dry Bulb	2987191	46900	52.1	6.930	900			1.5				90
Wet Bulb	1862237	40673	45.2	5.181	900							90
Dew Point	1276403	33815	37.1	6.309	900		20.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

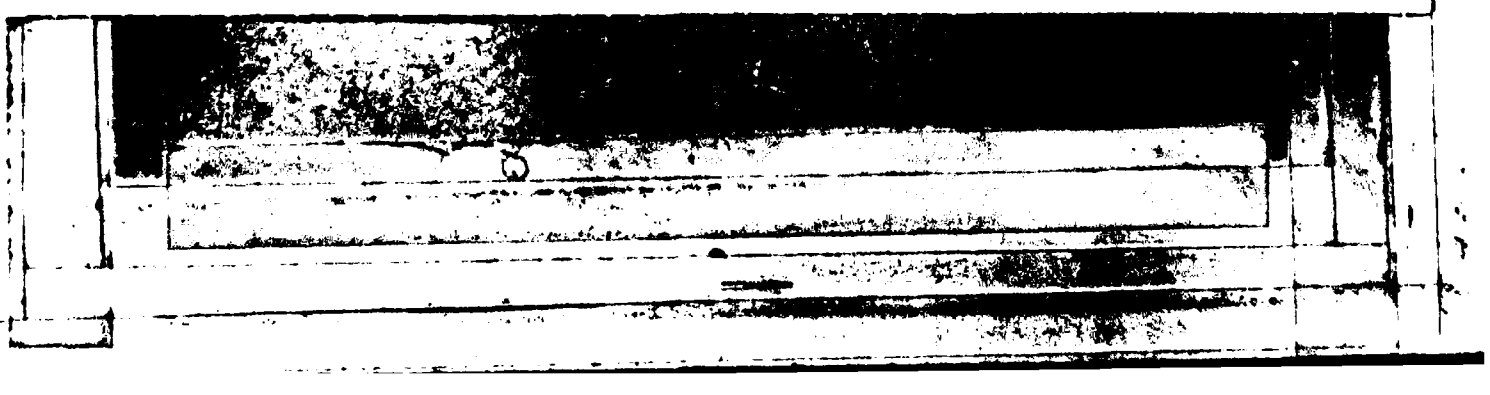
5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
APR — MONTH

PAGE 1
1800-2000 — 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
67 / 65									.1									1	1		
67 / 63				.1	.2	.5	.9	.1										12	12		
61 / 61					.1	.2	.3	.1										16	16		
61 / 59				.7	.6	.6	.4	.1										23	23		
59 / 57		.2	.1	1.5	1.4	1.1	.1	.2										43	43	1	
58 / 55			.6	3.6	1.1	.7	.6											58	58	7	
54 / 53			.9	3.7	2.4	.4	.3											70	77	21	3
52 / 51		.1	3.2	3.1	2.3	.6												84	84	32	5
51 / 49	.1		3.1	2.4	1.0	1.3												69	69	89	9
49 / 47	.1	1.9	4.1	4.3	1.2	.6												114	114	92	17
47 / 45		2.6	9.7	6.8	2.6	.7												200	200	113	34
47 / 43	.4	.1	5.3	3.8	.4													88	88	136	83
43 / 41	.3	.7	1.6	1.2	.2													36	36	128	79
41 / 39		2.3	1.8	1.3														45	45	121	102
37 / 37	.4	1.7	1.7	.1														29	29	79	109
37 / 35		.6	.1	.1														7	7	44	112
33 / 33	.3	.2	.1															5	5	36	90
33 / 31																				4	57
31 / 29																					59
29 / 27																					56
27 / 25																					24
27 / 23																					13
27 / 21																					3
TOTAL	1.7	9.3	31.9	33.1	14.9	6.3	1.9	.8	.1									900			900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4059192	59356	66.0	12.682	900							
Dry Bulb	2133387	43475	48.3	6.786	900							90
Wet Bulb	1700069	38856	43.2	5.506	900		.4					90
Dew Point	1260706	33250	36.9	5.994	900		21.2					90

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



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61					.7	.1												3	3		
/ 59				.3		.1												4	4		
/ 57		.3		.7														9	9		
/ 55		.2	.1	1.2	.7		.1											21	21	3	
/ 53		.1	1.1	1.3	.9													35	35	7	3
/ 51		.1	2.8	1.2	.9													45	45	10	2
/ 49		.1	3.7	1.1	.7													50	50	39	2
/ 47	.3	3.2	4.0	3.2	.4													101	101	58	13
/ 45		4.4	13.7	3.2	1.2													193	193	94	62
/ 43	.6	3.2	12.6	3.1	.1													176	176	126	73
/ 41	.3	1.7	3.6	1.4														63	63	151	67
/ 39		3.2	4.0	.8														70	70	142	120
/ 37	.2	2.3	3.6	.1														56	56	87	117
/ 35		1.8	2.3	.2														39	39	70	132
/ 33	.3	1.3	1.4															28	28	73	86
/ 31		.8																7	7	38	53
/ 29																				2	68
/ 27																					72
/ 25																					23
/ 23																					7
TOTAL	1.2	22.7	52.1	18.2	4.9	.2	.1											900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5017301	66589	73.9	10.358	900							
Dry Bulb	1836142	40012	44.5	5.500	900		.7					90
Wet Bulb	1528867	36827	41.9	8.941	900		8.0					90
Dew Point	1223188	32792	36.8	5.616	900		22.3					90

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

75771 — STATION
ILDENHALL RAF UK — STATION NAME
74-83 — YEARS
APR — 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
/ 72									.1	.1								10	17		
/ 69						.1		.1	.1	.1								13	13		
/ 67							.1	.1	.1									14	14		
67/ 65					.1	.1	.2	.2	.1									42	42		
4/ 63				.1	.2	.7	.1	.2	.1									89	89		
2/ 61				.1	.8	.5	.3	.1										124	124		
/ 59			.1	.4	.7	.5	.2	.1	.0									138	138	2	
/ 57		.1	.1	1.1	1.3	.8	.1	.1										257	257	15	
57/ 55		.1	.2	2.3	1.1	.6	.3	.										330	330	60	
4/ 53		.1	1.1	2.7	2.7	.3	.6	.										496	496	173	10
/ 51	.1	.2	2.9	2.7	1.5	.6	.1											554	554	210	25
/ 49	.	.5	2.4	1.9	.8	.5	.1											449	449	585	32
/ 47	.1	2.7	3.4	2.3	1.1	.3	.1											698	698	606	130
4/ 45	.3	3.7	1.1	3.6	1.4	.2												1388	1389	829	600
4/ 43	.4	2.1	7.2	2.3	.4													895	895	964	642
/ 41	.3	2.2	2.9	.8	.1													456	456	1061	631
/ 39	.2	3.2	2.3	.5	.1													445	445	990	909
/ 37	.3	1.7	1.8	.1														279	279	653	828
/ 35	.2	1.9	1.2	.1														239	239	417	1071
34/ 33	.2	1.5	.9															188	188	362	648
/ 31		.6	.1															51	51	181	417
/ 29	.1	.3	.1															33	33	58	439
/ 27	.1	.																11	11	33	543
/ 25																					162
/ 23																					79
/ 21																					27
/ 19																					4
/ 17																					2
TOTAL	.22	.13	7.1	20.6	11.7	5.1	2.0	.9	.3	.2								7199	7200	7199	7199

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	363245.1	501461	69.7	13.917	7199							
Dry Bulb	16148196	337100	46.8	7.124	7200		9.5	3.7				720
Wet Bulb	13106519	304602	42.3	5.507	7199		27.2					720
Dew Point	10012956	265162	36.8	5.848	7199		167.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
MAY — MONTH

PAGE 1 — ~~0000-2300~~ 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]				.3														3	3		
[illegible]		.1	.1	.2	.1	.1												6	6	1	
[illegible]		.5	1.4	.6	.4	.1												29	29	1	1
[illegible]		1.5	1.3	1.8	.3													46	46	13	2
[illegible]	.1	1.7	5.8	2.9	.7	.1												101	101	35	16
[illegible]	.3	2.[illegible]	7.6	.9	.2													102	102	55	30
[illegible]	.2	4.1	4.9	1.1	.3													99	99	108	36
[illegible]	.5	8.2	4.6	1.[illegible]	.1													134	134	141	63
[illegible]	1.[illegible]	.4	8.2	.9														195	195	175	175
[illegible]	1.[illegible]	2.9	3.3	1.3														79	79	131	135
[illegible]	.3	3.3	2.2															44	44	100	114
[illegible]	.1	2.7	1.[illegible]															35	35	57	121
[illegible]	.1	1.1	1.[illegible]															20	20	49	57
[illegible]	.2	1.6	.6															23	23	28	66
[illegible]		.8	.5															12	12	24	48
[illegible]		.2																2	2	11	35
[illegible]																				1	14
[illegible]																					14
[illegible]																					3
TOTAL	4.4	4.1	42.6	12.9	1.7	.3													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.	6065368	78536	84.1	9.929	930							
Dry Bulb	2134147	44267	47.6	5.900	930		.2					93
Wet Bulb	1887083	41634	44.8	8.999	930		1.2					93
Dew Point	1681963	38725	41.6	5.632	930		6.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]WILDENHALL RAF [illegible]K STATION NAME | [illegible]4-83 YEARS | MAY MONTH

PAGE [illegible] | 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
[illegible]/ 59				.1														1	1		
[illegible]/ 57		.1	.5	.2	.2													10	10		
56/ 55		1.1	.5	1.4	.1													30	30	1	1
[illegible]/ 53		1.5	2.0	1.														50	50	21	5
[illegible]/ 51	.3	3.9	7.5	1.5	.2													125	125	40	23
[illegible]/ 49	.3	2.6	3.3	1.1	.1													73	73	91	23
[illegible]/ 47	.3	9.1	4.[illegible]	.3	.2													130	130	129	52
[illegible]/ 45	2.6	14.1	9.8	.4														252	252	207	187
44/ 43	1.1	2.4	5.4	.5														87	87	129	150
[illegible]/ 41	.2	1.8	2.7															44	44	92	119
[illegible]/ [illegible]	.1	4.7	1.7															61	61	70	104
[illegible]/ 37	.4	1.2	.3															18	18	71	86
[illegible]/ 35		1.2	1.3															23	23	27	63
34/ 33		1.1	.6															17	17	23	36
[illegible]/ 31	.1	.5																6	6	23	21
[illegible]/ 29		.2																3	3	6	26
[illegible]/ 27																					29
[illegible]/ 25																					5
TOTAL	5.1	45.6	47.9	6.6	.9														930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6321946	76180	81.9	9.380	930							
Dry Bulb	2023156	43106	46.4	5.205	930		.9					93
Wet Bulb	1811607	40783	43.9	4.993	930		2.9					93
Dew Point	1595049	38159	41.0	5.659	930		8.1					93

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69				.1	.1		.[illegible]											4	4		
[illegible] / 63			.1	.4	.5	.4												14	14		
[illegible] / 61		.1	.5	.5	.9	.3												22	22		
[illegible] / 59		.3	.5	1.1	.6	.4												28	28	5	
[illegible] / 57		.9	1.7	2.6	1.4	.3												64	64	12	3
5[illegible] / 55	.1	1.5	2.4	3.4	1.6	.1												85	85	31	6
[illegible] / 53		1.3	6.3	3.7	1.5													119	119	53	20
[illegible] / 51	.5	1.7	8.8	2.6	.6													134	134	86	35
5[illegible] / 49	.1	2.9	4.8	1.8		.1												91	91	157	37
[illegible] / 47	.6	6.2	5.2	.9														120	120	173	98
4[illegible] / 45	1.4	6.8	6.3	1.8														152	152	166	237
[illegible] / 43	.3	1.2	2.7	.2														41	41	95	114
[illegible] / 41	.1	1.2	.9															20	20	65	123
[illegible] / 39	.1	.4	1.[illegible]	.1														15	15	82	96
3[illegible] / 37	.1		.6															7	7	15	69
[illegible] / 35		.5	.3															8	8	11	39
3[illegible] / 33		.5																5	5	15	22
[illegible] / 31		.1																1	1	4	11
[illegible] / 29																					13
[illegible] / 27																					11
TOTAL	3.4	25.[illegible]	42.3	19.2	7.4	1.7	.2											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
Ref. Num.	5528885	70907	76.2	11.301	930							
Dry Bulb	2402269	46983	50.5	5.560	930		.1					93
Wet Bulb	2063005	43577	46.9	4.768	930		.8					93
Dew Point	1750388	40036	43.0	5.373	930		3.5					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

5771 — STATION
MILDENHALL RAF, UK — STATION NAME
74-87 — YEARS
MAY — MONTH

PAGE 1
1900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 77									.1									1	1		
[illegible] / 75							.	.1										2	2		
[illegible] / 73							.2	.1	.1									7	7		
[illegible] / 71						.	.2	.1	.2									9	9		
[illegible] / 69					.1	1.0	.6	.2	.2	.1								20	25		
[illegible] / 67			.1			.5	.5	.2	.1									16	16		
[illegible] / 65				.2	1.1	.3	1.1	.4	.1									31	31		
[illegible] / 63		.2	.1	1.6	1.5	3.7	1.1	.6										80	80	2	
[illegible] / 61		.4	.5	1.7	3.7	.9	1.	.2										79	79	17	1
[illegible] / 59		.2	.8	2.2	2.1	1.9	1.4	.4										83	83	28	2
[illegible] / 57		.3	1.3	5.6	2.6	1.5	.1											108	108	47	6
[illegible] / 55		1.1	1.2	5.5	2.5	.8												102	102	67	17
[illegible] / 53		.6	2.2	3.1	3.2	.1	.4											97	97	116	35
[illegible] / 51		1.3	4.4	2.5	1.7	.6	.1											99	99	118	53
[illegible] / 49	.2	.8	2.3	1.6	.8	.2												54	54	170	45
[illegible] / 47	.1	2.9	2.6	1.6	1.1													76	76	125	88
[illegible] / 45		1.7	1.5	1.2	1.3													51	51	111	214
[illegible] / 43			.2	.2														5	5	64	100
[illegible] / 41			.2															1	1	33	96
[illegible] / 39		.1	.1															2	2	18	78
[illegible] / 37		.2																2	2	11	74
[illegible] / 35																				3	41
[illegible] / 33																					34
[illegible] / 31																					13
[illegible] / 29																					16
[illegible] / 27																					15
[illegible] / 25																					2
TOTAL	.3	9.6	18.2	27.2	21.4	12.0	7.3	3.0	.9	.1									930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3932192	59[illegible]72	63.5	13.931	93[illegible]							
Dry Bulb	2981785	52333	56.2	6.584	93[illegible]			6.0	1.0			93
Wet Bulb	2330338	46318	49.9	5.[illegible]78	930							93
Dew Point	1785250	40332	43.4	6.237	93[illegible]		4.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION WILDENHALL RAF UK STATION NAME 74-87 YEARS MAY MONTH

PAGE 1 1200-1459 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	.1								4	4		
[illegible] / 77								•	.2	.2								[illegible]	10		
[illegible] / 75							.1	.1	.4	.2								11	11		
[illegible] / 73							.2	.4	.3									13	13		
[illegible] / 71						.4	.3	.2	.6	.2								26	26		
[illegible] / 69					.3	.6	1.4	1.6	.9	.2								48	48		
[illegible] / 67					.2	.5	1.[illegible]	1.[illegible]	.2									27	27		
[illegible] / 65				.2	.3	.3	1.6	.[illegible]	.3									35	35	3	
[illegible] / 63		.1	.2	3.2	2.3	4.8	1.3	1.0	.9									123	128	11	
[illegible] / 61			.3	.8	3.2	1.5	1.6	1.1	.3									85	85	22	3
[illegible] / 59		.1	.[illegible]	1.4	2.[illegible]	2.3	1.[illegible]	.[illegible]										85	85	43	1
[illegible] / 57		.1	.8	3.[illegible]	2.2	2.2		•										77	77	75	5
5[illegible] / 55		.4	1.1	4.6	2.6	1.3	.5											98	98	78	29
[illegible] / 53		.8	2.5	3.4	3.4	.5	.5											107	107	118	32
[illegible] / 51	.2	.8	2.3	1.6	2.[illegible]	.8	.1											78	78	119	53
[illegible] / 49	.1	.5	2.2	.4	.4	.2												36	36	156	42
[illegible] / 47	1.3	.4	.[illegible]	.[illegible]	.4													29	29	142	85
[illegible] / 45	.6	.3	.9	1.1														27	27	76	193
[illegible] / 43			.[illegible]															5	5	46	107
[illegible] / 41	.1																	1	1	13	94
[illegible] / 39																				22	72
[illegible] / 37																				9	67
[illegible] / 35																					91
[illegible] / 33																					37
[illegible] / 31																					11
[illegible] / 29																					27
[illegible] / 27																					24
[illegible] / 25																					2
TOTAL	.3	4.8	11.[illegible]	21.1	22.2	15.9	10.9	8.[illegible]	4.[illegible]	1.1								930	937	930	933

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3257585	53329	57.3	18.656	930							
Dry Bulb	3284661	58857	59.[illegible]	7.253	93[illegible]			13.9	3.8	.2		93
Wet Bulb	2438588	47368	50.9	5.288	93[illegible]							93
Dew Point	1764296	40032	43.0	6.652	93[illegible]		6.8					93

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

2

CL[illegible]RAL CLIMATOLOGY BRANCH
[illegible]SAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]5771 — STATION
[illegible]ILDENHALL RAF [illegible]K — STATION NAME
[illegible]74-8[illegible] — YEARS
MAY — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]										.1								2	2		
[illegible] / 79									.3	.1	.0							6	6		
78 / 77									.4	.3								8	8		
[illegible]6 / 76							.4	.2	.5	.2	.1							15	15		
[illegible]47 / 75						.1	.1	.2	.2									10	10		
[illegible] / 74							.5	.6	1.1	.1								21	21		
[illegible] / 69					.1	.3	.1	1.0	1.3	.1								39	39		
[illegible] / 67					.2	.5	.4	.3	.1									16	16		
[illegible]7 / 65				.1	1.1	1.1	2.3	.0	.3									58	58	2	
[illegible]4 / 63				1.1	1.8	5.2	1.8	1.1	.4									118	118	13	
[illegible]7 / 61		.2	.6	.5	3.4	1.2	2.5	1.1	.2									90	90	20	
[illegible] / 59			1.0	1.0	2.3	1.5	1.3	1.1										75	75	41	
[illegible] / 57		.1	1.3	3.1	2.4	2.3	1.1											101	101	60	7
[illegible]0 / 55		.4	1.2	4.1	2.2	1.1	.1											90	90	82	27
[illegible] / 53		.3	2.2	3.1	3.3	.5	.1											95	95	124	27
[illegible] / 51		.1	3.	1.1	1.9	.8	.1											73	73	123	46
[illegible] / 49	.2	.5	1.6	1.5	.4	.9												47	47	139	38
[illegible] / 47	.1	1.4	1.1	.2	.4	.1												32	32	148	76
[illegible] / 45		.4	1.1	.3	.1													24	24	85	205
[illegible]4 / 43		.1	.2	.1														4	4	43	102
[illegible] / 41		.1	.3															4	4	26	86
[illegible] / [illegible]		.1																2	2	17	88
[illegible] / 37																				11	71
[illegible] / 35																					51
34 / 33																					43
[illegible] / 31																					17
[illegible] / 29																					20
[illegible] / 27																					23
[illegible] / 25																					3
TOTAL	.1	4.1	13.4	19.1	21.4	15.7	11.2	7.6	4.3	1.1	.1								93[illegible]		93[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.	3258465	[illegible]3211	57.2	15.[illegible]75	930							
Dry Bulb	3268252	54724	58.8	7.371	930			11.7	4.1	.5		93
Wet Bulb	2417458	47166	50.7	5.227	930							93
Dew Point	1739857	39763	42.8	6.541	930		6.3					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16771 STATION | MILDENHALL RAF UK STATION NAME | 74-87 YEARS | MAY 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
/ 79									.1									1	1		
1/ 75							.1	.2	.1									4	4		
6/ 75							.1	.1										4	4		
1/ 71						.2	.2	.2	.1									11	11		
/ 69					.1	.4	.5	.2										16	16		
1/ 67					.2	.4	.3	.2										11	11		
6/ 65				.2	.3	.5	.2	.1	.1									10	10		
4/ 63			.1	.2	1.2	2.2	1.5	.2										68	68	5	
/ 61		.1	.2	1.1	2.8	.9	.8	.2	.1									61	61	15	
1/ 59		.1	1.3	1.2	3.	1.8	.9	.2										87	87	17	
/ 57		1.1	1.3	3.5	1.9	2.2	.1	.2										94	94	45	5
3/ 55		.5	1.7	4.2	2.6	1.4	.3											100	100	59	20
4/ 53		.1	2.9	4.9	2.7	.4												103	96	36	37
1/ 51	.2	.5	4.1	3.	3.3	.1												105	105	108	43
9 / 49		1.7	3.1	2.3	.5	.3												74	74	142	29
1/ 47	.4	1.4	2.5	2.2	1.2													90	90	161	77
4 / 45	.1	.8	3.3	.8	1.1													56	56	135	189
4/ 43		.3	.3	.6														12	12	70	109
2/ 41			.6	.2														8	8	45	59
1 / 39		.4																4	4	18	9
1 / 37		.2																2	2	21	75
1/ 35		.1																1	1	4	62
1/ 33																				1	43
1/ 31																					12
1 / 29																					19
1/ 27																					4
1/ 25																					1
TOTAL	.8	9.5	21.8	27.	21.	10.8	6.1	2.6	.5									933	933	932	933

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4 44823	59971	68.5	13.811	933							
Dry Bulb	2364249	51241	55.1	6.642	933			8.6	.9	.1		93
Wet Bulb	2253029	45524	49.1	5.186	933							93
Dew Point	1732302	39720	42.7	6.218	930		8.6					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

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

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65					•	•1												2	2		
64/ 63				.6	.5	.2												14	14		
6 / 61		.2	.6	.9	.5													21	21		
/ 59		.1	1.1	1.2	.4	.2	.1											29	29	3	
/ 57		.6	1.7	1.4	1.3	.3												50	50	18	2
5 / 55	.1	1.7	2.2	3.7	1.5	.1												86	86	29	8
54/ 53	.1	1.3	5.6	2.9	1.3	.1												105	105	55	23
/ 51	.1	1.	7.1	2.2	.5		.1											102	102	58	47
/ 4		1.6	4.5	1.6	.3													77	77	134	23
/ 47	.4	7.2	6.3	2.2	.3	.1												154	154	148	64
4 / 45	.6	6.8	1 .1	1.3	.1													175	175	162	206
44/ 43		1.7	1.9	1.7														50	50	128	108
/ 41		1.	1.	.4														22	22	92	111
/ 39		1.	1.5															23	23	42	123
7 / 37	.1	1.1	.3															13	13	27	69
/ 35		.5	.1															6	6	25	59
3 / 33			.1															1	1	7	40
/ 31																				2	16
/ 29																					20
28/ 27																					11
TOTAL	1.	25.7	44.2	27.1	7.1	1.	.1												930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5408211	70183	75.5	10.971	930							
Dry Bulb	2349851	4,457	50.0	5.563	930							93
Wet Bulb	2011572	43006	46.2	8.959	930		.2					93
Dew Point	1691898	39298	42.3	5.765	930		8.7					93

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

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

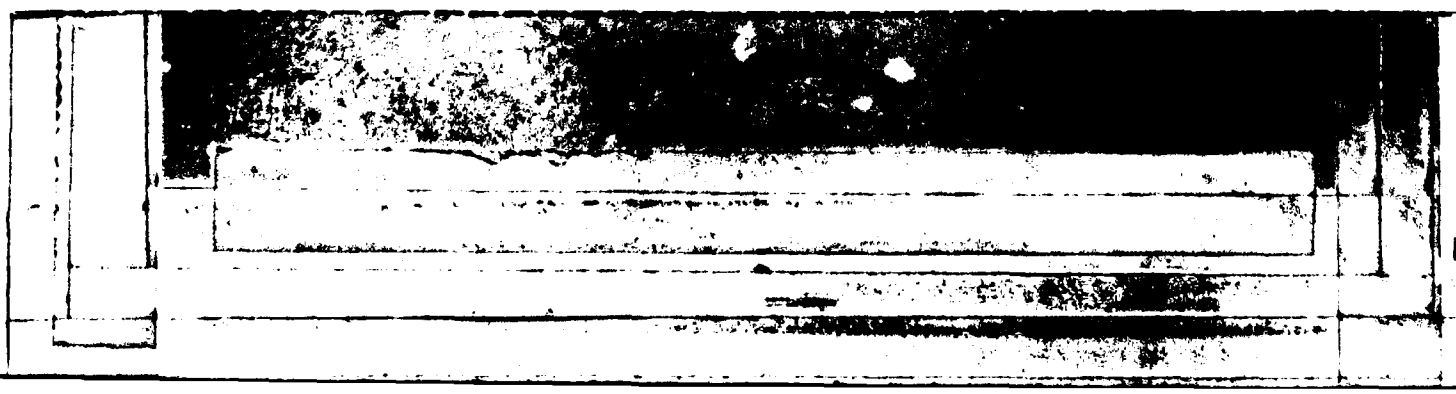
35771 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]										•1								2	2		
[illegible] 79								•1	•1	•1	•0							11	11		
78/ 77								•1	•1	•1								19	19		
[illegible] 75							•1	•1	•1	•1	•0							32	32		
[illegible] 73						•	•2	•2	•1	•1								34	34		
[illegible] 71							•1	•3	•3	•2	•0							66	66		
[illegible] 69					•	•1	•3	•4	•5	•3	•1							128	128		
68/ 67				•2		•1	•3	•3	•2	•1								70	70		
66/ 65					•2	•4	•3	•7	•3	•1								149	149	5	
[illegible] 63		•1	•1	1•2	1•[illegible]	2•1	•7	•5	•2									422	422	26	
[illegible] 61		•1	•4	•7	1•8	•6	•7	•3	•1									361	361	74	4
[illegible] 59		•1	•7	1•1	1•4	1•[illegible]	•7	•7										394	394	135	3
[illegible] 57		•5	1•2	2•6	1•5	1•1	•2	•										533	533	258	29
56/ 55	•0	1•[illegible]	1•5	3•6	1•7	•6	•1											637	637	360	106
[illegible] 53	•	1•[illegible]	3•9	3•2	2•[illegible]	•2	•1											777	777	608	195
[illegible] 51	•2	1•4	5•6	2•[illegible]	1•4	•3	•1											818	818	707	329
[illegible] 49	•2	1•9	3•3	1•5	•4	•2												551	551	1097	273
[illegible] 47	•3	5•[illegible]	3•3	1•1	•4	•1												765	765	1167	599
46/ 45	•8	5•2	5•1	•9	•5													932	932	1117	1606
[illegible] 43	•3	1•1	1•8	•7														283	283	706	925
[illegible] 41	•1	•8	1•[illegible]	•1														144	144	466	842
[illegible] 39	•[illegible]	1•2	•7	•[illegible]														142	142	286	778
[illegible] 37	•1	•5	•3															62	62	213	568
[illegible] 35	•[illegible]	•5	•3															61	61	98	432
[illegible] 33		•3	•2															35	35	70	303
[illegible] 31	•[illegible]	•1																9	9	40	136
[illegible] 29		•[illegible]																3	3	7	155
28/ 27																					141
[illegible] 25																					16
TOTAL	2•2	2[illegible]•6	29•3	18•9	12•9	7•2	4•6	2•7	1•3	•3	•0								7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37813071	517387	69.5	15.699	7440							
Dry Bulb	21307977	393918	52.9	7.791	7440		1.2	36.2	9.8	.8		748
Wet Bulb	17212726	355372	47.8	5.661	7440		4.7					748
Dew Point	13700498	316060	42.5	6.168	7440		88.8					748

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 | MILDENHALL RAF UK STATION NAME | 74-8[illegible] YEARS | JUN MONTH

PAGE 1 | 0000-0200 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] / 71							.2											2	2		
[illegible] / 69					.2		.1											4	4		
6[illegible] / 67			.1	.1	.2													4	4		
6[illegible] / 65			.2	.1	.3	.1												7	7		
[illegible]4 / 63			.8	.3	.3	.3												20	20	1	
[illegible]2 / 61		.3	2.[illegible]	1.9	.4	.2												43	43	7	1
[illegible] / 59		.6	3.9	.8	.3	.1												50	50	18	1
[illegible] / 57	.2	6.8	3.8	2.[illegible]	.9	.2												124	124	57	11
[illegible]6 / 55	.6	5.8	4.7	1.6														113	113	114	54
[illegible]4 / 53	.6	5.2	9.8	2.1	.1	.1												161	161	115	125
[illegible]2 / 51	.4	2.9	9.2	.9		.1												122	122	122	110
[illegible] / 49	.2	3.9	6.[illegible]	.2		.1												94	94	150	84
[illegible] / 47	.2	5.2	2.1															68	68	138	103
[illegible] / 45	.3	4.2	2.3															62	62	99	178
[illegible]4 / 43		.8	.6	.2														14	14	41	109
[illegible] / 41	.1	.6	.3															9	9	25	56
[illegible] / 39		.1	.1															2	2	7	37
[illegible] / 37																				4	16
[illegible] / 35																				1	3
34 / 33																					6
[illegible] / 31																					1
[illegible] / 29																					2
[illegible] / 27																					2
TOTAL	2.7	36.4	45.8	10.6	3.1	1.2	.7												899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5952352	72642	80.8	9.598	899							
Dry Bulb	2600661	48139	53.5	5.55	899			1.0				90
Wet Bulb	2308670	45372	50.5	4.572	899							90
Dew Point	2066202	42848	47.7	5.168	899		.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

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

PAGE 1 0300-0500 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ 67						.3												3	3		
64/ 66					.3	.2												5	5		
61/ 63				.3	.3													11	11		
58/ 60			1.4	.3	.2													18	18	4	
55/ 57		.4	2.6	.4	.1													32	32	6	2
52/ 54	.3	6.1	3.7	.3	.3													96	96	32	10
49/ 51	.7	7.4	3.1	1.2	.1													113	113	86	30
46/ 48	.4	7.1	7.2	1.3														140	140	143	99
43/ 45	1.1	4.1	9.7	.4														138	138	92	132
40/ 42	.3	4.6	8.3	.1														84	84	144	59
37/ 39	.3	8.7	2.8	.4														110	110	149	99
34/ 36	.4	8.3	3.1															107	107	116	215
31/ 33		.9	1.	.1														27	27	78	105
28/ 30	.1	.8	.4															12	12	31	80
25/ 27			.2															2	2	13	37
22/ 24			.2															2	2	3	19
19/ 21																				2	5
16/ 18																				2	3
13/ 15																					2
≤ 12																					3
TOTAL	3.2	49.3	40.1	5.1	1.3	.3												900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6361290	75298	83.7	8.273	900							
Dry Bulb	2451371	46771	52.0	4.820	900			.3				90
Wet Bulb	2217972	44498	49.4	4.510	900							90
Dew Point	2021152	42912	47.7	5.209	900		.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

2

PSYCHROMETRIC SUMMARY

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

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 77								•	•1									2	2		
75							•1											1	1		
73				•1		•2	•3	•2										7	7		
71					•2	•1	•1	•1										5	5		
69				•1	•2	•1												9	9		
67			•1		•1	•2												4	4	1	
65			•3	1•3	•7		•1											19	19	2	
63			1•3	4•2	1•8	•1												67	67	12	2
61	•1	•7	2•8	1•6	1•													55	55	16	5
59		•7	3•8	1•9	•8													64	64	43	6
57		4•8	5•6	4•2	•8	•2												142	142	73	32
55	•2	5•0	5•3	5•7	•4													158	158	109	75
53	•1	3•6	7•4	3•6	•3													135	135	140	97
51	•2	3•8	8•4	•6														117	117	135	132
49	•3	1•9	3•4	•3														54	54	188	68
47	•3	2•4	1•2	•4														40	40	118	138
45	•2	1•1	•2	•3														17	17	43	211
43		•1	•1	•1														3	3	11	74
41			•1															1	1	5	34
39																				4	12
37																					6
35																					6
33																					2
TOTAL	1•	25•	40•2	24•1	7•1	1•1	•7	•1	•1									900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5531288	69938	77.7	10.393	900							
Dry Bulb	2840029	50337	55.9	5.249	900			2•8	1•7			90
Wet Bulb	2460908	46898	52.1	4.362	900			•3				90
Dew Point	2169352	43978	48.9	4.763	900							90

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

USAFETAC

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 STATION — MILDENHALL RAF STATION NAME — [illegible] YEARS — JUN MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 87												.1						1	1		
4/ 83										.3	.2							5	5		
/ 81							.1	.2	.1									7	7		
2/ 79						.1	.1	.2	.1	.1	.1							8	8		
7-/ 77						.1	.2	.6		.1								11	11		
6/ 75					.1	.2	.2		.1	.1								11	11		
4/ 73					.2	.3	.4	.2	.3									17	17		
2/ 71				.2	.2	1.4	.8	.1										25	25		
/ 69			.3	.3	1.1	2.3	.6	.1										41	41	2	
6-/ 67			.1	.1	.1	1.1	.2											18	18	11	
6/ 65		.1	.1	1.6	3.4	1.	.7	.1										63	63	23	
4/ 63		.6	1.3	7.3	5.	3.3	.7	.1										165	165	23	8
2/ 61		.2	1.4	3.2	5.1	2.2	.3											127	127	52	14
0/ 59		1.6	2.	2.7	4.2	1.4	.2											107	107	88	14
/ 57		.2	3.3	5.3	3.4	1.3												129	129	136	58
5/ 55		1.1	1.4	4.1	2.													78	78	108	76
4/ 53	.1	.4	1.2	2.	.4													43	43	143	105
2/ 51	.1	.2	2.	.6														11	11	124	119
0/ 49	.1	.1	.1	.2														5	5	123	58
8-/ 47		.1		.3														4	4	53	17
6/ 45				.1														1	1	6	155
4/ 43																				1	89
2/ 41			.1															1	1	4	48
0/ 39																					31
8-/ 37																				1	11
6/ 35			.1															1	1		4
4/ 33			.1															1	1		1
2/ 31																				1	
0/ 29																				1	
8-/ 27																					1
6-/ 25																					1
TOTAL	.3	6.9	18.1	28.7	25.9	16.9	5.2	1.9	1.0	.1	.3	.1						900		900	900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3925971	58392	68.9	12.367	900							
Dry Bulb	3951321	55915	61.6	6.611	900			18.8	6.7	1.9		90
Wet Bulb	2727378	49342	54.8	8.997	900		.2	1.3				90
Dew Point	2205131	48253	89.2	5.700	900		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible] MILDENHALL RAF UK 74-87 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
[illegible] / [illegible]													.1					1	1		
[illegible] / 2[illegible]												.1						3	3		
[illegible] / 85												.1						1	1		
[illegible] / 87										.1	.4	.1						7	7		
[illegible] / 85										.1	.0							5	5		
[illegible] / 83										.1	.2		.1	.2				8	8		
[illegible] / 81							.7	.1	.4	.1								15	15		
[illegible] / 79							.1	.2	.2			.1	.1					7	7		
[illegible] / 77							.5	.2	.4	.2		.1						14	14		
[illegible] / 75					.7	.3	.6	1.1	.1	.1	.2							28	28		
[illegible] / 73				.3	.4	.4	2.6	1.1	.2									47	47		
[illegible] / 71			.1		.4	1.9	2.1	.3		.1								45	45		
[illegible] / 69			.1	.2	.1	3.6	.8	1.6										57	57	13	
[illegible] / 67				.2	1.7	1.9	1.	.1	.2									46	46	15	
[illegible] / 65		.1	.3	.3	3.4	2.6	2.	.6	.1									89	89	34	1
[illegible] / 63		.6	1.1	5.1	3.6	6.3	2.1	.2										169	169	32	13
[illegible] / 61	.3	.4	1.0	1.7	5.3	2.2	.7											113	113	82	19
[illegible] / 59		.1	1.2	2.1	2.7	.9	.3	.1										66	66	109	19
[illegible] / 57		.9	1.8	2.7	2.1	1.7	.1											82	82	129	33
[illegible] / 55		1.2	1.7	3.1	.8													52	52	112	86
[illegible] / 53		.1	.9	1.1	.3	.2												23	23	154	108
[illegible] / 51		.2	.3	.2	.2													13	13	92	129
[illegible] / 49	.4		.2															4	4	78	60
[illegible] / 47		.2		.2														4	4	38	86
[illegible] / 45				.1														1	1	5	160
[illegible] / 43																				4	73
[illegible] / 41																				3	49
[illegible] / 39																					33
[illegible] / 37																					13
[illegible] / 35																					13
[illegible] / 33																					4
[illegible] / 31																					1
TOTAL	.4	3.7	9.3	17.6	21.2	22.4	13.4	5.1	1.9	1.3	1.3	.8	.3	.2				900	900	900	900

Element (X)	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.	3289729	52967	58.9	13.952	900							
Dry Bulb	3811912	58178	64.6	7.543	900			28.4	13.6	4.3	.1	90
Wet Bulb	2859060	50516	56.1	5.129	900			2.8				90
Dew Point	2206400	44234	49.1	5.999	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[03772] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 95														.4				2	2		
[illegible] / 93													.4					4	4		
[illegible] / 91											.1							1	1		
[illegible] / 89											.1	.1						3	3		
[illegible] / 87											.2	.3						5	5		
[illegible] / 85												.2						2	2		
[illegible] / 83											.1	.1						4	4		
[illegible] / 81							.2	.1	.1	.2	.2	.2	.1	.1				12	12		
[illegible] / 79						.1	.1	.2	.1	.2	.2							9	9		
[illegible] / 77						.2		.4	.7	.3	.1							17	17		
[illegible] / 75					.4	.7	1.6	.9	.9	.1								40	40		
[illegible] / 73				.3	.1	.6	2.4	.8	.6	.4								50	50		
[illegible] / 71				.1	.3	1.9	1.4	.9	.1									43	43	1	
[illegible] / 69			.1		.5	3.4	1.8	1.2	.6									72	72	12	
[illegible] / 67					1.6	1.3	1.6	.5	.1									46	46	13	
[illegible] / 65			.9	1.6	2.7	2.1	2.1	1.1										91	91	20	
[illegible] / 63	.4	.6	4.3	4.	6.3	7.2	.7											163	163	37	12
[illegible] / 61	.3 .6	1.2	1.8	4.2	1.6	.6												92	92	105	17
[illegible] / 59	.7	1.3	1.	1.4	1.4	.4												53	53	113	17
[illegible] / 57	1.	1.4	3.1	1.6	1.3													76	76	111	38
[illegible] / 55	1.4	2.2	3.4	.2														66	66	115	83
[illegible] / 53	.1	1.	1.6	.2	.3													29	29	151	109
[illegible] / 51	.3	.7	.7	.1														12	12	98	96
[illegible] / 49	.1	.3																4	4	83	77
[illegible] / 47		.2																2	2	29	100
[illegible] / 45			.1															1	1	5	156
[illegible] / 43		.1																1	1	5	69
[illegible] / 41																				1	62
[illegible] / 39																				1	41
[illegible] / 37																					13
[illegible] / 35																					6
[illegible] / 33																					3
[illegible] / 29																					1

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.												
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

2

PSYCHROMETRIC SUMMARY

35771 | HILDENHALL RAF UK | 74-83 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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
TOTAL	•	4.2	1.2	17.6	17.8	21.6	14.3	6.6	1.0	1.3	1.4	1.0	.6	.3					900	901	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.	3243346	52424	58.2	14.546	900							
Dry Bulb	3841984	58386	64.9	7.771	900			31.0	14.9	3.8	.6	90
Wet Bulb	2860030	50530	56.1	5.764	900			2.6				90
Dew Point	2189522	49078	49.7	5.888	900		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[03771] STATION — MILDENHALL RAF UK STATION NAME — 74-83 YEARS — JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95														.1				1	1		
94/ 93													.1					1	1		
/ 91												.1						1	1		
90/ 89												.1						1	1		
88/ 87										.1								1	1		
86/ 85												.1						1	1		
84/ 83										.3	.2							5	5		
82/ 81									.1	.1								2	2		
/ 79								.1	.1	.1								3	3		
78/ 77							.2	.2	.3		.1							13	13		
76/ 75					.2		.3	.	.1	.1								12	12		
74/ 73					.2	.9	.9	.2	.3									23	23		
72/ 71				.1	.3	1.7	.4	1.	.1									33	33		
70/ 69				.2	1.4	.8	.8	.4	.1									35	35	4	
68/ 67			.1	.2	1.7	1.2	.3	.1	.1									39	39	4	
66/ 65	.2	.7	1.2	2.3	.9	1.1	.1											59	59	14	
64/ 63	.7	1.1	6.9	3.8	4.7	1.2	.1											160	160	38	6
62/ 61	.7	2.6	1.9	4.3	2.2	.2												107	107	62	11
60/ 59	.7	2.7	2.9	3.1	.8	.2												87	87	68	20
58/ 57	2.3	2.1	4.9	1.9	1.1													111	111	104	46
56/ 55	1.9	3.2	3.7	1.4														92	92	108	71
54/ 53	.3	2.9	3.1	1.2	.1													67	67	103	130
52/ 51	.2	2.3	.7															29	29	128	94
50/ 49	.3	.1		.1														5	5	106	58
48/ 47	.2	.3																5	5	61	113
46/ 45	.3	.1	.1															5	5	12	161
44/ 43		.1																1	1	4	85
42/ 41		.1																1	1	1	62
40/ 39																				3	25
38/ 37																					9
36/ 35																					7
34/ 33																					2
TOTAL	7.9	17.9	25.9	22.1	13.7	6.2	2.9	1.1	.8	.3	.3	.1	.1					900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3953006	58378	64.9	13.603	900							
Dry Bulb	3961656	55962	61.6	6.983	900			17.1	6.4	1.6	.2	90
Wet Bulb	2721919	49298	54.8	4.900	900			.8				90
Dew Point	2193516	48150	49.1	5.552	900							90

FORM AF 34 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 | [redacted]ILDENHALL RAF [redacted]K STATION NAME | [redacted]4-8[redacted] YEARS | JUN MONTH

PAGE 1 | 2100-2300 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					
/ 7[illegible]									.2										2	2		
7[illegible]/ 77								.1											1	1		
[illegible]/ 7[illegible]							.2	.1											3	3		
[illegible]/ 7[illegible]						.2		.1											3	3		
[illegible]/ 71						.2		.1											3	3		
[illegible]/ 69			.1	.1	.3	.2	.1												9	9		
[illegible]/ 67			.1	.1	.2	.1	.1												11	11		
6[illegible]/ 65				.2	.2		.2												18	18	3	
[illegible]/ 63		.4	1.8	5.1	.8	.4	.1												78	78	10	2
7/ 61		.6	4.1	2.8	.8	.2													76	76	19	4
[illegible]/ 59		1.4	3.9	1.6	1.3	.3													77	77	41	8
[illegible]/ 57	.3	4.3	3.0	5.1	1.3														132	132	109	39
5[illegible]/ 55	.2	3.[illegible]	5.8	3.7	1.1	.1	.1												125	125	108	75
4/ 53	.1	2.0	7.6	4.3	.6														139	139	97	94
[illegible]/ 51	.1	1.[illegible]	7.6	2.1															105	105	152	113
[illegible]/ 49		1.[illegible]	[illegible].6	.6															64	64	151	71
[illegible]/ 47		1.[illegible]	.9	.4															29	29	128	110
4[illegible]/ 45	.3	.9	.6	.1															17	17	52	178
[illegible]/ 43		.2	.6																7	7	21	89
[illegible]/ 41			.1																1	1	4	69
[illegible]/ 39																					5	33
3[illegible]/ 37																						6
[illegible]/ 35																						7
3[illegible]/ 33																						1
[illegible]/ 31																						1
TOTAL	1.1	18.6	42.6	26.9	7.4	1.9	.9	.4	.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.	5229169	67915	75.5	[illegible].506	900							
Dry Bulb	2877527	50653	56.3	5.452	900			3.2	.9	.2		90
Wet Bulb	2461757	46885	52.1	4.634	900							90
Dew Point	2133039	43563	48.4	5.245	900		.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

_5571_ STATION | MILDENHALL RAF UK STATION NAME | 74-8? YEARS | JUN 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
≥ / 95														•0				3	3		
≥ / 93													•1					6	6		
≥ / 91											•0	•1						5	5		
≥ / 89											•0	•0						5	5		
≥ / 87										•0	•1	•1						14	14		
≥ / 85										•0	•1	•0						8	8		
≥ / 83										•1	•1	•0	•0	•0				22	22		
≥ / 81							•1	•1	•2	•1	•0	•0	•0	•0				36	36		
≥ / 79						•1	•0	•1	•1	•1	•0	•0	•0					29	29		
78 / 77						•2	•2	•3	•3	•1	•0	•0						58	58		
≥ / 75					•	•2	•4	•7	•1	•1	•0							95	95		
74 / 73				•1	•2	•4	•3	•4	•2	•1								147	147		
≥ / 71				•1	•1	•2	•9	•6	•3	•2								156	156	1	
≥ / 69				•1	•1	•4	1•3	•5	•4	•1								227	227	31	
≥ / 67				•1	•1	•3	•9	•5	•2	•1								171	171	44	
66 / 65		•2	•3	•9	1•5	•8	•8	•2	•2									351	351	96	1
≥ / 63		•3	1•1	4•3	2•4	2•6	•8	•2										833	833	153	43
≥ / 61	•1	•6	2•2	1•9	2•7	1•1	•2											631	631	347	71
≥ / 59		•7	2•6	1•7	1•7	•6	•2	•										536	536	486	87
≥ / 57	•1	3•4	3•2	3•5	1•5	•7	•2											892	892	791	267
≥ / 55	•	3•4	3•7	3•3	•5	•	•											797	797	860	550
54 / 53	•2	2•5	4•8	2•3	•4	•1												737	737	1086	867
≥ / 51	•3	1•8	5•1	•7	•	•												567	567	943	925
50 / 49	•2	1•5	2•5	•2	•	•												314	314	1023	535
≥ / 47	•1	2•3	•9	•2														262	262	713	856
≥ / 45	•2	1•9	•8	•1														211	211	338	1814
≥ / 43		•4	•3	•1														53	53	165	693
≥ / 41	•1	•2	•2															25	25	74	860
≥ / 39		•	•															4	4	33	249
38 / 37			•															2	2	8	93
≥ / 35			•															1	1	3	51
34 / 33			•															1	1	2	22
≥ / 31																				1	4
≥ / 29																				1	7

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...77... | ILDENHALL RAF UK | 74-87 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 27																					3
/ 32																					1
T TAL	1.3[illegible]	27.5	19.5	13.2	9.6	5.1	2.[illegible]	1.[illegible]	.[illegible]	.4	.3	.1		.1				7199	7199	7199	7199

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37481650	527950	70.6	15.101	7199							
Dry Bulb	25336450	423340	58.8	7.934	7199			98.2	42.3	11.8	.9	720
Wet Bulb	20617689	383333	53.2	5.349	7199		.2	7.6				720
Dew Point	17184309	349509	48.5	5.475	7199		1.5					720

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

2

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

PSYCHROMETRIC SUMMARY

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

PAGE 1 0600-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/			.1	.1	.1													2	2		
[illegible]			.2		.2													3	3		
/	6		.4	.5	.4	.1	.1											21	21	3	3
[illegible]		.3	1.7	1.8	.2	.1												40	40	4	
/		1.4	9.2	4.	.6	.2												106	106	11	6
[illegible]	.2	1.9	4.7	4.2	.2													108	108	52	20
/		3.	.6	2.9	.2													116	116	86	36
[illegible]	.4	4.4	5.7	3.3														134	134	143	53
/	.2	4.6	4.8	3.7														124	124	133	122
[illegible]	.4	4.7	6.6	1.1														119	119	146	158
/	.2	2.5	.2															74	74	134	122
[illegible]	.2	.2	.2	.1														35	35	117	117
/	.3	.2	.1															33	33	56	117
[illegible]	.2	.2	.2															14	14	83	115
/																				4	45
[illegible]																				1	15
/																					5
TOTAL	.2	.27	.42	.23	.1	.2	.6	.4	.1	.1								939		970	930
																		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.	6.69137	78637	81.3	9.231	930							
Dry Bulb	3091707	53421	57.4	8.796	930			2.7				93
Wet Bulb	27352.9	50265	54.[illegible]	8.458	930			.3				93
Dew Point	2867237	47695	51.3	8.777	930			.3				93

USAFETAC FORM AS 44 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7577 | MILDENHALL RAF UK | 74-83 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67	•				•													2	2	1	1
67 / 67	•	•	1•		•													13	13	1	1
67 / 67	•	1.5	2•	4.5														76	76	6	2
/ 67	•	2.4	5.1	1.8	•													92	92	27	19
/ 66	•	2.5	3.6	1.9	•													127	127	59	24
/ 67	1•	5.9	5.7	2.5														136	136	128	50
/ 66	•	6.8	5.1	1.9														133	133	137	122
67 / 67	•	3.5	6.5	1.4														107	107	146	127
/ 67	1•	3.9	6.1															101	101	129	131
/ 46	•	2.2	2•	•														46	46	128	82
/ 47	•	3.8	1.8															57	57	81	119
/ 46	•	2.7	•															35	35	67	163
67 / 45		•	•															5	5	13	54
/ 62																				4	21
/ 77																				3	11
/ 77																					3
TOTAL	•2	35	44	11	4.5	1.5												930			933
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67	73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8414872	76846	82.6	8.370	930							
Dry Bulb	2919114	51904	55.8	4.901	930			•2				93
Wet Bulb	2623682	49216	52.9	4.540	930			•1				93
Dew Point	2397250	47002	50.5	4.842	930			•1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
/ 79							•												1	1		
/ 77							•	.1											2	2		
/ 75						•	.2												3	3		
74/ 73					.2	.3	.8												12	12		
/ 7					•	.1	.2												8	8		
/ 69				.1	1.1	•	.2												20	20	1	
/ 67		.1	.1	.5	1.1	.2													19	19	5	
66/ 65		.3	2.2	1.9	1.2														52	52	10	3
/ 63	.4	2.4	3.3	8.2	2.6	.3													160	160	45	9
62/ 61	.6	1.5	6.6	4.9	2.6	.1													152	152	68	39
/ 59	.4	2.4	6.1	3.8	.8	.1													126	126	100	56
/ 57	.8	3.2	6.6	4.4	.1														140	140	162	89
/ 55	.3	3.5	5.1	2.7															108	108	148	127
/ 53	.3	2.3	3.8	.4															63	63	157	119
/ 51	.3	1.8	2.[illegible]	.1															40	40	123	148
/ 49	.1	1.2	.5																15	15	82	1.1
/ 47	.3	.3	.1																7	7	23	119
46/ 45		.2																	2	2	6	134
44/ 43																						12
42/ 41																						4
TOTAL	3.7	1	36.5	28.3	1	2.0	.4	.1												930		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	5662930	71986	77.8	10.223	930							
Dry Bulb	3391134	55542	59.7	5.85	930			6.5	1.8	.1		93
Wet Bulb	2894828	51736	55.6	8.246	930			.6				93
Dew Point	2577231	48775	52.4	8.582	930							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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION | WILDENHALL RAF UK STATION NAME | [illegible]-8[illegible] YEARS | JUL MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 91													.1					1	1		
[illegible] / 91											.1							1	1		
[illegible] / 89													.1					1	1		
86 / 87									.1		.1							2	2		
[illegible] / 85									.1									1	1		
[illegible] / 83								.1	.2	.1								5	5		
[illegible] / 81							.3	.1	.3	.1								13	13		
[illegible] / 79						.1	.2	.1		.4								12	12		
78 / 77					.2	.4	.2	.6	.3	.1								24	24		
[illegible] / 75					.6	1.7	.9	.3										27	27		
[illegible] / 73				.2	1.2	1.5	1.7	.7										46	46		
[illegible] / 71				.8	2.1	1.5	1.1	.3										53	53	5	
70 / 69			1.2	1.6	1.9	2.4	1.6	.7										83	83	7	
68 / 67			.5	.4	2.4	2.2	.5	.1										57	57	16	
[illegible] / 65		.6	1.5	3.1	4.5	1.9	1.1											117	117	64	4
[illegible] / 63	.1	1.1	1.6	9.7	6.2	5.5	.3											228	228	85	46
[illegible] / 61	.3	.6	2.7	4.1	4.0	.9												116	116	96	54
[illegible] / 59	.1		1.9	1.6	1.4	.6												53	53	136	69
[illegible] / 57		1.4	1.6	1.9														46	46	168	83
[illegible] / 55		1.1	1.5	.4	.2													30	30	145	131
[illegible] / 53		.5	.4		.1													10	10	117	119
[illegible] / 51		.3	.2															4	4	59	146
[illegible] / 49																				9	99
[illegible] / 47																				3	28
[illegible] / 45																					93
[illegible] / 43																					14
[illegible] / 41																					11
[illegible] / 39																					1
[illegible] / 37																					2
TOTAL	.1	5.6	13.7	24.2	24.9	18.0	7.7	3.7	1.1	.8	.2		.2						930		930
																		930		930	

Element (X)	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.	4.52764	60296	64.8	12.430	930							
Dry Bulb	4057299	61149	65.8	6.281	930			32.6	13.3	3.1	.1	93
Wet Bulb	3206517	54845	58.5	4.539	930			9.8				93
Dew Point	2649537	49401	53.1	5.228	930							93

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

...RAL CLIMATOLOGY BRANCH
...ETAC
...A SERVICE, USAC

2

PSYCHROMETRIC SUMMARY

...ILLEYMALL RAF ...B — STATION NAME — YEARS — JULY MONTH

PAGE 1 — 1200-1800 HOURS (L.S.T.)

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

...... ILDENHALL RAF (K) | 74-8? | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8																		2	3		
/												.2	.1	.1		.1		5	5		
/ 8												.1	.4					5	5		
/ 87									.1			.2	.1					4	4		
/ 8										.1	.3	.4	.1					9	9		
/ 8									.1	.5	.3	.2		.2				12	12		
/						.1	1.2	1.1	1.7	.3	.5							46	46		
/ 7						.4	1.1	1.1	1.3	.2	.1		.1					41	41		
/ 77					.1	1.1	1.4	2.3	2.2	.6								55	55		
/ 7					1.1	1.4	2.4	1.5	.4									63	63		
/ 73				.4	.5	1.3	3.7	1.8	1.6	.1								88	88		
/ 7				.5	1.5	1.4	2.7	1.2	.5									80	81	2	
/ 6			.2	.2	.9	4.4	2.9	.6	.1									94	94	22	
/ 67			.5	.3	.8	1.6	1.3		.1									46	46	56	
/ 65			.2	1.9	1.5	3.5	2.9	.2										96	96	86	2
/ 62		.9	1.3	4.9	5.1	4.6	1.1											165	165	91	50
/ 6		.5	.6	1.3	2.8	.2												51	51	144	34
/ 60		.1	1.3	.4	.4		.2											24	24	133	57
/ 57		.8	.6	1.2	.2													26	26	142	73
/ 55		.4	.1															5	5	131	120
/ 52		.8	.6															13	13	88	93
/																				79	126
/ 4																				3	96
/ 47																				3	113
/ 4																					119
/ 43																					23
/ 41																					11
/ 39																					7
/ 37																					5
/ 35																					1
TOTAL		3.4	6.7	11.8	15.1	20.1	20.4	9.1	8.1	1.9	1.2	1.2	.9	.3		.3		930	931	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3 76748	51830	55.7	18.233	930							
Dry Bulb	4574476	64868	69.8	7.324	930			55.0	33.0	9.3	.2	93
Wet Bulb	3338552	55562	59.7	4.528	930			8.0				93
Dew Point	2572665	48645	52.3	5.511	930							93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5271 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
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
/ 89														•				1	1		
87 / 87													•1					1	1		
85 / 85										•1			•1					2	2		
83 / 83									•1	•1	•1	•1						4	4		
81 / 81						•1	•2	•1	•2		•2							9	9		
/ 79						•1	•2	•4	•5	•1	•2							15	15		
77 / 77					•1	•1	•3	•3	•5	1.0	•3	•1	•1					27	27		
75 / 75						•6	1.1	1.5	1.3	•3	•1							46	46		
73 / 73					•4	•4	2.1	2.7	1.7									55	55	1	
/ 71				1.5	1.7	2.7	1.2	1.1	•3	•1								82	82	1	
/ 69			1.4	•7	2.4	3.3	2.	•4		•1								98	98	6	
67 / 67			•9	•5	1.6	2.3	1.3	•2										59	59	7	2
65 / 65		•7	1.2	1.9	3.8	1.5	1.0											89	89	64	1
63 / 63	•1	•4	2.6	6.2	4.6	6.2	•4	•1										193	193	87	46
61 / 61	•1	•5	2.7	3.3	3.9	•8	•1											107	107	136	31
59 / 59		•9	1.4	2.2	1.2	•5												64	64	124	62
57 / 57		•3	1.4	1.3	•4	•2												38	38	162	93
55 / 55		•1	1.1	•1	•1													22	22	128	101
53 / 53		1.4	•3															16	16	131	112
/ 51		•2																2	2	53	128
/ 49																				13	102
47 / 47																				3	107
/ 45																					112
43 / 43																					18
/ 41																					16
/ 39																					7
/ 37																					3
/ 35																					1
33 / 33																					1
TOTAL	•2	5.5	13.3	18.5	21.8	21.2	17.3	5.1	2.5	1.3	•8	•2	•2	•1				930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37986.4	58072	62.4	13.623	930							
Dry Bulb	4132428	61716	66.4	6.335	930			39.9	16.0	2.5		93
Wet Bulb	3199887	54399	58.5	9.389	93			2.9	.1			93
Dew Point	2589781	48815	52.5	5.439	930			.2				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

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-87 — YEARS
JUL — MONTH

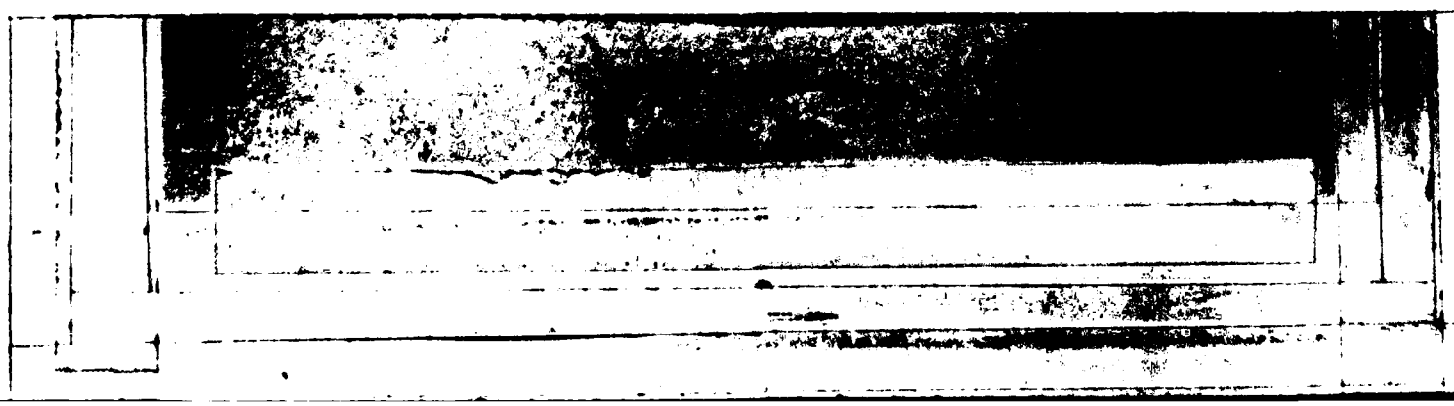
PAGE 1

2100-2359 — 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					
7 / 77						.1													1	1		
[illegible] / 75						.1													1	1		
[illegible] / 73			.1					.1	.1										4	4		
[illegible] / 71			.1		.2	.6		.1											11	11		
[illegible] / 69			.5	1.1	.9	.9	.4	.4											39	39	2	
[illegible] / 67		.1	1.3	.5	1.7	.3	.1												38	38	2	2
[illegible] / 65		.4	3.1	3.5	1.7	.8	.1	.1											93	90	15	1
[illegible] / 63	.2	1.9	4.1	8.6	7.7	1.3	.1												176	176	49	25
[illegible] / 61		1.6	4.9	5.1	2.9	.2	.1												138	138	80	33
[illegible] / 59		.2	4.3	3.4	1.1														107	107	101	43
[illegible] / 57		1.7	5.1	4.9	.5														114	114	180	88
[illegible] / 55		.2	4.4	4.1	.1														99	99	120	118
[illegible] / 53	.1	.8	3.4	1.4															72	72	145	102
[illegible] / 51	.3	1.1	1.4																25	25	125	149
[illegible] / 49		.3	.5	.1															10	10	82	93
[illegible] / 47	.1	.2	.2																5	5	24	104
[illegible] / 45																					4	124
[illegible] / 43																					1	32
[illegible] / 41																						12
[illegible] / 39																						3
[illegible] / 35																						1
TOTAL	.6	14.4	34.1	32.7	11.8	4.3	.2	1.7	.1											930		930
																			930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5229619	68993	74.2	10.946	930							
Dry Bulb	3434476	56320	60.6	5.760	930			9.4	.6			93
Wet Bulb	2915678	51914	55.8	4.372	930			.4				93
Dew Point	2543007	48493	52.0	5.063	930			.2				93

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 95													.0		.0	.0		6	6		
[illegible] / 91											.0	.0	.0	.0		.0		9	9		
[illegible] / 87											.0	.0	.1	.0				12	12		
[illegible] / 87									.0	.0	.1	.0	.0					13	13		
[illegible] / 85									.0	.1	.1	.1	.0					21	21		
[illegible] / 83								.1	.1	.3	.1	.0	.0	.0				34	34		
[illegible] / 81						.0	.3	.4	.4	.1	.2	.0						110	100		
[illegible] / 79						.0	.3	.4	.3	.1	.1	.0	.0					110	110		
77 / 77				.	.1	.4	.7	.4	.6	.1	.0	.0						152	152		
[illegible] / 75				.	.0	.6	.8	.6	.1	.1								196	196		
[illegible] / 73			.0	.3	.4	.9	1.2	.9	.3	.1								284	284	1	
[illegible] / 71			.2	.4	1.1	1.0	1.1	.6	.1	.1								328	328	13	
[illegible] / 69			.5	.7	1.0	1.8	1.3	.7	.2	.1								433	433	62	
[illegible] / 67	.	.2	.4	.4	1.3	1.2	.5	.1	.0									311	311	185	8
67 / 65	.	.3	1.4	2.[illegible]	1.9	1.3	.9	.1										577	577	310	18
[illegible] / 63	.1	1.3	2.5	6.6	3.4	2.9	.3	.										1280	1280	866	226
[illegible] / 61	.[illegible]	1.2	3.6	3.3	2.[illegible]	.3	.[illegible]											825	825	752	268
[illegible] / 59	.1	1.4	3.2	2.1	.[illegible]	.2	.											681	681	866	420
[illegible] / 57	.[illegible]	2.4	3.3	2.6	.2	.1												651	651	1254	606
57 / 55	.1	2.5	2.8	1.6	.1													536	536	1045	917
[illegible] / 53	.1	2.1	2.8	.5	.													411	411	1027	931
[illegible] / 51	.2	1.2	1.2	.[illegible]														246	246	679	1079
[illegible] / 49	.[illegible]	.5	.7	.1														106	106	441	793
[illegible] / 47	.2	.8	.3															102	102	196	851
[illegible] / 45	.1	.5	.1															51	51	117	936
[illegible] / 43	.	.[illegible]	.[illegible]															5	5	18	232
[illegible] / 41																				5	98
[illegible] / 39																				1	38
[illegible] / 37																					15
[illegible] / 35																					3
[illegible] / 33																					1
TOTAL	1.[illegible]	14.2	24.[illegible]	22.8	13.2	10.9	7.2	3.[illegible]	2.1	.1	.4	.2	.2	.1	.0	.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	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37498559	515615	69.3	15.385	7440							
Dry Bulb	3006569?	469368	63.1	7.818	7440			200.9	93.7	22.6	.6	744
Wet Bulb	24252.13	423084	56.9	5.92	7440			26.1	.1			744
Dew Point	20399021	387671	52.1	5.171	7440			.8				744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible] STATION | ILDENHALL RAF UK STATION NAME | 74-87 YEARS | AUG MONTH

PAGE * | 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] / 77						.1												2	2		
[illegible] / 72					.1													1	1		
[illegible] / 69			[illegible]	.2	.1													5	5		
[illegible] / 67			1.[illegible]	1.[illegible]	.3													21	21		
67 / 65		.6	1.2	1.3	.3													33	33	3	
[illegible] / 63		1.9	3.8	4.3	.6													98	98	32	8
[illegible] / 61		1.9	5.1	4.2	.2													106	106	36	31
[illegible] / 59		2.4	5.3	1.5	.2													87	87	80	17
[illegible] / 57	.1	3.5	6.[illegible]	2.[illegible]	.3													158	158	126	70
[illegible] / 55	.2	3.2	4.8	1.4														136	136	174	114
[illegible] / 53	.2	4.5	6.9	1.1														121	121	144	193
[illegible] / 51	.3	3.1	3.4															64	64	125	139
[illegible] / 49	.1	2.2	1.[illegible]															36	36	121	103
[illegible] / 47	.1	2.8	.9															35	35	61	102
[illegible] / 45	.[illegible]	1.2	1.[illegible]															22	22	37	97
44 / 43	.1	.2	.1															4	4	13	35
[illegible] / 41		.1																1	1	6	13
[illegible] / 39																				2	14
[illegible] / 37																					2
[illegible] / 35																					1
TOTAL	1.4	30.4	41.3	17.1	2.7	.1												930	931	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.	6293110	761.0	81.9	8.429	930							
Dry Bulb	3056915	531.1	57.1	5.184	930			2.9	.2			93
Wet Bulb	2733297	50233	54.1	8.643	930							93
Dew Point	2493721	47917	51.5	8.353	930							93

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

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 ~~2300-2566~~ 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] / 70				•														2	2		
[illegible] / 67				• 1	• 1													2	2		
67 / 65			• 1	• 3														15	15		
[illegible] / 63		2.3	2.2	3.3	• 1													78	78	10	3
[illegible] / 61		2.5	4.6	2.7														91	91	45	23
[illegible] / 59	• 1	3.2	5.9	1.4	• 3													97	97	45	26
[illegible] / 57	• 2	9.[illegible]	3.8	1.6	• 1													137	137	102	61
[illegible] / 55	• 6	9.6	3.7	1.2	• 1													141	141	166	96
[illegible] / 53	1.1	4.6	4.5	• 1														96	96	151	169
[illegible] / 51	• 2	4.9	4.6															97	97	120	134
[illegible] / 49	• 3	2.4	1.2															43	43	171	92
[illegible] / 47	• 3	5.7	1.7															76	76	89	88
[illegible] / 45		2.9	1.2	• 1														39	39	59	146
[illegible] / 43		• 2	• 8															9	9	21	34
[illegible] / 41	• 2	• 4	• 1															7	7	13	31
[illegible] / 39																				7	16
[illegible] / 37																				1	8
[illegible] / 35																					2
[illegible] / 33																					1
TOTAL	4.2	4.1	3.3	5.1	1.3	• 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.	6672060	78398	84.3	8.291	930							
Dry Bulb	2881273	51523	55.4	5.278	930			.8				93
Wet Bulb	2616787	49125	52.8	4.853	930							93
Dew Point	2514231	47147	50.7	5.191	930							93

USAFETAC FORM AWS A4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-87 — YEARS
AUG — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 77							•												1		
[illegible] / 75						•													1		
[illegible] / 73						•													2		
[illegible] / 71					•														5		
[illegible] / 69				•	•	•												18	14		
[illegible] / 67				•	•	•												11	11	1	
67 / 65			•	1.7	1.1	•												33	33	8	
67 / [illegible]			.2	3.3	7.7	•	•											139	139	24	14
[illegible] / 61	.1	2.0	7.7	4.6	1.2													154	154	67	27
[illegible] / 59	.4	4.9	5.8	2.3	•													128	129	95	57
[illegible] / 57	•	6.0	4.6	2.8	•													136	136	121	78
[illegible] / 55	•	6.1	3.3	1.3	•													103	103	149	141
[illegible] / 53	•	3.5	5.3	•														87	87	176	175
[illegible] / 51	•	2.5	2.6															55	55	170	136
[illegible] / 49		1.4	1.4	•														28	28	51	62
[illegible] / 47	.1	1.	.4															14	14	39	98
[illegible] / 45		1.2	.4															[illegible]	15	21	101
[illegible] / 43																				6	21
[illegible] / 41	.1	.1																2	1	4	9
[illegible] / 39																					7
[illegible] / [illegible]																					2
TOTAL	.3	34.3	37.0	21.1	4.3	1.7	.1												1		930
																				930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6125490	74962	81.6	9.465	930							
Dry Bulb	3196665	54319	58.4	5.86	930			3.6	.4			93
Wet Bulb	2835776	51188	55.0	8.448	930			.1				93
Dew Point	2569878	48690	52.4	8.723	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 | MILDENHALL RAF UK STATION NAME | 74-87 YEARS | AUG MONTH

PAGE 1 | 0500-1100 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
/ 9												•						1	1		
[illegible] / 97											•							1	1		
/ 95										•								1	1		
[illegible] / 93									•	•								2	2		
/ 91								•	•	•								7	7		
[illegible] / 77							•	•	•	•								7	7		
7 / 87					•	•	•	•	•									19	19		
[illegible] / 75				•	•	•	•	•		•								22	22		
47 / 73				•	•	1.1	1.5	•	•									40	40		
[illegible] / 71			•	•	1.4	2.3	1.1	•										51	51		
/ 69			•	1.1	2.1	2.4	•											70	70	4	
[illegible] / 67			•	•	3.4	1.3	•											61	61	27	1
67 / 65		•	1.9	3.3	3.3	1.9	•											118	118	39	1
[illegible] / 63		1.7	3.1	2.9	6.1	4.7	•											251	251	67	26
/ 61		1.1	4.3	4.4	3.4	•	•											138	139	140	40
[illegible] / 59		1.7	2.3	1.5	1.5	•												70	70	142	71
/ 57		1.1	1.3	1.7	•													54	54	212	102
57 / 55	•	•	•	•														10	10	183	141
[illegible] / 53		•	•	•														6	6	95	171
[illegible] / 51		•																1	1	44	128
/ 49																				17	55
[illegible] / 47																					76
/ 45																					89
47 / 43																					22
[illegible] / 41																					9
[illegible] / 39																					3
TOTAL	•	1.3	2.6	2.8	23.8	15.5	7.6	2.4	1.0	•	•	•						930	931	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	8222[illegible]6	61578	66.2	12.635	93[illegible]							
Dry Bulb	398[illegible]506	5[illegible]628	65.2	5.498	93[illegible]			28.2	10.0	1.6		93
Wet Bulb	3183437	54285	58.4	3.987	93[illegible]			3.1				93
Dew Point	2652589	49856	53.2	8.927	930			.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

[redacted] STATION | [redacted]ILDENHALL RAF UK STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/[redacted]												.3	.1					4	4		
/[redacted]											.1	.2						3	3		
[redacted]/[redacted]										.1	.3							5	5		
/[redacted]											.3	.1						6	6		
/[redacted]								.	.1	.4	.4	.2						12	12		
/[redacted]							.2	.	.6	.3	.3							21	21		
/[redacted]						.4	.2	1.0	.9	.4	.1							28	28		
[redacted]/[redacted]						.4	.5	.	1.6	.4	.2							38	38		
/[redacted]				.2	.3	.4	3.7	1.3	.6	.1								67	67		
/[redacted]				.4	.5	1.1	2.9	1.9	.6									69	69		
/[redacted]				.2	.9	3.2	3.2	1.	.1									93	91	1	
/[redacted]			.6	.2	1.3	2.3	3.3	1.1	.1									117	117	18	
[redacted]/[redacted]			.4	.1	2.3	1.9	2.3	.3										73	71	73	1
[redacted]/[redacted]		.3	.5	2.1	2.3	2.0	4.5	.3										120	120	51	1
[redacted]/[redacted]		1.3	2.4	5.1	3.9	4.3	1.2	.3										175	175	102	31
/[redacted]		.6	2.2	1.1	1.7	.8												51	51	176	31
/[redacted]		.	.8	.5	.3													25	25	146	43
/[redacted]		.6	.8		.4	.2												21	21	172	97
[redacted]/[redacted]				.2														3	3	115	122
[redacted]/[redacted]			.2															3	3	77	145
/[redacted]		.2	.1															3	3	22	110
/[redacted]																				16	70
/[redacted]																				2	80
[redacted]/[redacted]																					123
[redacted]/[redacted]																					40
/[redacted]																					14
/[redacted]																					9
[redacted]/[redacted]																					4
TOTAL	.8	8.5	10.9	14.1	21.1	21.8	10.3	4.7	2.9	1.9	.9	.1						930	931		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.	3162[redacted]82	52638	56.6	14.57	930							
Dry Bulb	4463 93	64143	69.0	6.487	930			53.9	25.2	6.1		93
Wet Bulb	3295698	55226	59.4	4.179	930			5.1				93
Dew Point	2553103	48869	52.1	5.403	930			.2				93

USAFETAC FORM 0-26-5 (OL A) AC 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

577 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 90												.1	.1					2	2		
≥ / 85												.1						1	1		
≥ / 80										.1	.2							4	4		
≥ / 75										.1		.2						4	4		
77 / 77								.1	.1	.7	.1							13	13		
≥ / 70									.6	.6	.6							23	23		
≥ / 75						.2	.2	1.1	1.2	.9	.2							40	40		
77 / 77						.6	.8	.9	1.8	.9	.1							46	46		
≥ / 70					.2	1.5	1.9	2.1	1.0	.1								64	64		
≥ / 72				.6	.1	1.1	3.0	2.6	1.4	.1								82	82		
≥ / 71			.1	.4	1.2	2.6	2.9	2.3	.8									97	97		
≥ / 69			.1	.2	1.0	4.5	3.5	2.0	.5									117	117	9	
≥ / 67			.4	.4	2.2	.8	1.7	.1										56	56	42	
67 / 65		.4	.6	1.2	2.5	1.9	3.3	.4										104	104	73	
≥ / 63		.6	1.1	4.7	2.8	4.9	2.3											151	151	76	29
≥ / 61		.8	2.4	1.7	1.2	.5	.3											64	64	164	43
≥ / 59		.2	.4	.5		.2												22	22	141	36
≥ / 57	.1	1.2	1.1	.3	.1													31	31	193	85
57 / 55		.1		.2														3	3	108	107
≥ / 53		.2	.1															3	3	84	137
≥ / 51		.1																1	1	26	118
≥ / 49																				14	65
≥ / 47																					98
≥ / 45																					131
≥ / 43																					49
≥ / 41																					33
≥ / 39																					12
TOTAL	.1	4.6	6.9	11.5	11.9	18.7	20.4	12.5	7.9	3.9	1.4	.6	.1					930	930		930
																		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.	3 770 19	51677	55.6	18.873	93							
Dry Bulb	4496 12	54372	69.2	6.597	93			55.1	28.1	6.5		93
Wet Bulb	3289146	55172	59.3	4.161	93			5.1				93
Dew Point	2518166	48124	51.7	5.483	930							93

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

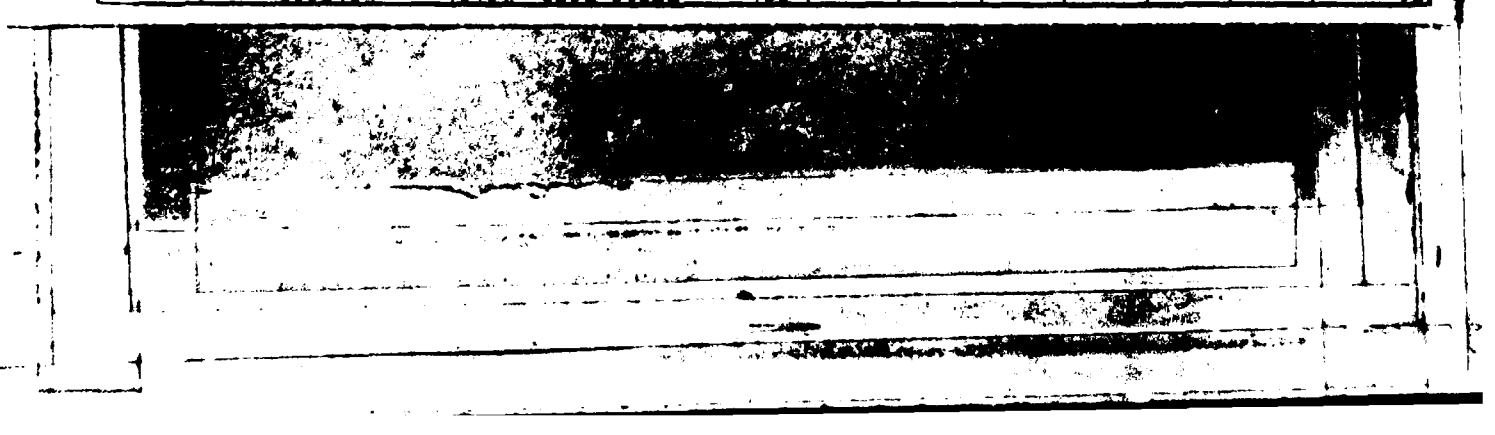
[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 1 | 1800-2000 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] / 85											.1							1	1			
[illegible] / 83										.1								2	2			
[illegible] / 81								.2	.2	.3								7	7			
/ 79							.2	.2	.3									7	7			
[illegible] / 77							.3	.4	.4	.1	.1							15	15			
[illegible] / 75					.2	.5	1.2	.5	.4									29	29			
[illegible] / 73				.3	.4	.8	1.0	.5	.3									34	34			
[illegible] / 71			.1	.2	1.4	1.6	2.3	.5										60	61			
[illegible] / 69			.9	.6	1.6	3.2	1.9	.9										84	84			
[illegible] / 67			1.2	.1	2.5	2.2	1.2	.1										71	71	14		
[illegible] / 65		.4	.3	2.6	[illegible]	1.7	1.3	.1										94	94	55		
[illegible] / 63		1.4	2.2	3.5	5.7	5.5	.5											221	221	52	28	
[illegible] / [illegible]		1.4	3.5	4.1	3.1	.3												120	120	101	41	
[illegible] / [illegible]		1.4	2.2	2.[illegible]	1.6	.1												68	68	133	34	
[illegible] / 57	.5	2.2	2.[illegible]	1.5	.6													64	64	230	75	
[illegible] / 55		.3	1.[illegible]	1.4	.3													28	28	145	137	
[illegible] / 53		.5	.6	.8														20	20	111	117	
2/ 51			.4															4	4	52	168	
[illegible] / 49			.1															1	1	30	75	
[illegible] / 47																				6	80	
[illegible] / 45																				1	119	
[illegible] / 43																					42	
[illegible] / 41																					13	
[illegible] / 39																					1	
TOTAL	.5	[illegible].6	15.2	22.5	21.[illegible]	16.5	10.[illegible]	4.[illegible]	1.6	.6	.2							930	931	930	930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4167263	60187	64.7	13.612	930							
Dry Bulb	3946738	60338	64.9	5.872	930			31.0	9.5	1.3		93
Wet Bulb	3112728	53668	57.7	4.138	930			1.4				93
Dew Point	2551409	48487	52.1	5.026	930							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

5771 STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 75							.1											1	1		
74/ 73						.2	.1											3	3		
/ 71				.1	.4	.3												8	8		
/ 69			.4	.6	.6	.5												21	21		
/ 67			1.1	.1	.6	.3												19	19		
66/ 65		.6	1.5	1.6	1.5	.3												52	52	9	
64/ 63		2.4	3.9	7.6	1.4	.9												150	150	36	16
62/ 61		2.1	4.7	6.2	3.2	.1												148	148	56	34
/ 59	.1	2.3	7.2	5.2	1.1													147	147	95	26
/ 57	.2	5.2	6.3	4.1	.5													152	152	139	79
56/ 55	.1	3.2	3.3	2.6														87	87	207	105
54/ 53	.2	2.5	3.3	1.8														73	73	189	186
52/ 51	.1	.5	3.3															37	37	100	179
/ 49		.1	1.2															14	14	88	87
/ 47		.1	.3															13	13	33	96
46/ 45		.2	.2															5	5	14	114
44/ 43																				3	38
/ 41																				1	7
/ 39																					3
TOTAL	.5	23.6	43.6	29.8	9.2	2.7	.2											930		930	
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5530433	71147	76.5	9.707	930							
Dry Bulb	3299648	55212	59.4	8.848	930			5.2	.8			93
Wet Bulb	2898318	51319	55.2	8.222	930							93
Dew Point	2517637	48193	51.8	8.669	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible]71 | MILDENHALL RAF UK | 74-87 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 8												.1	.0					7	7		
/ 8											.0	.1						6	6		
[illegible]/ 87										.0	.1							10	10		
[illegible]/ 85										.0	.1	.0						12	12		
[illegible]/ 83								.0	.0	.0	.1	.0						29	29		
[illegible]/ 81							.0	.1	.2	.0	.1							57	57		
/ 79						.0	.2	.1	.3	.2	.0							82	82		
7 / 77					.0	.2	.3	.1	.5	.2	.1							119	119		
[illegible]/ 75				.1	.2	.4	1.0	.6	.2	.1								184	184		
[illegible]/ 73				.2	.3	.6	1.0	.5	.3	.1								232	232		
/ 71			.1	.2	.7	1.2	1.2	.4	.1									310	310	1	
/ 69			.5	.5	1.1	2.1	1.2	.1	.1									434	434	31	
/ 67			.5	.4	1.5	.8	.7	.3										311	311	116	2
[illegible]/ 65		.4	1.1	1.3	1.9	1.7	1.2	.1										569	569	238	2
[illegible]/ 63		1.9	2.7	6.5	2.6	2.6	.6	.0										1263	1263	399	155
/ 61	.1	1.7	4.4	3.6	1.6	.4	.1											872	872	785	270
/ 59	.1	2.3	3.7	1.9	.7	.1												644	644	867	310
/ 57	.2	4.4	3.3	1.8	.4	.1												753	753	1365	647
[illegible]/ 55	.2	3.5	2.0	1.1	.1													511	511	1207	963
[illegible]/ 53	.2	2.1	2.7	.5														409	409	947	1252
[illegible]/ 51	.3	1.4	1.8															262	262	609	1111
[illegible]/ 49	.2	.8	.8	.1														122	122	447	609
/ 47	.1	1.3	.4															138	138	220	718
[illegible]/ 45	.1	.7	.3	.1														81	81	131	920
[illegible]/ 43	.0	.1	.1															13	13	43	281
[illegible]/ 41	.1	.1	.2															10	10	24	116
[illegible]/ 39																				9	65
[illegible]/ 37																				1	16
[illegible]/ 35																					3
3[illegible]/ 33																					1
TOTAL	.22	.9	24.6	18.7	1.9	9.4	7.5	3.7	1.9	.9	.5	.2	.0						7447		7440
																		7440		7440	

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.	39150953	526679	70.8	15.843	7440							
Dry Bulb	29319927	463636	62.3	7.582	7447			179.3	73.8	15.5		744
Wet Bulb	23915187	420215	56.5	8.036	744[illegible]			14.8				744
Dew Point	20267779	386483	51.9	5.[illegible]73	744[illegible]			.2				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

[redacted] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | SEP MONTH

PAGE 1 | 0000-2200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67			.1															1	1		
66/ 65		.1	.2	.2	.2													7	7		
64/ 63		.6	1.5	3.3	.4	.2												55	55	3	1
62/ 61		1.6	2.8	3.1	.6													72	72	9	4
60/ 59		1.4	2.7	1.6	1.2													62	62	37	10
58/ 57		3.6	6.6	3.9	.3													129	129	82	19
56/ 55	.2	5.3	6.7	3.6	.6													147	147	96	59
54/ 53	.1	3.1	8.2	2.6														125	125	121	113
52/ 51		1.7	7.4	.1														83	83	144	107
50/ 49		2.1	3.7	.6														57	57	131	96
48/ 47		3.1	3.7	.2														62	62	95	99
46/ 45	.2	4.1	3.1															67	67	76	169
44/ 43	.1	.3	1.3															16	16	59	71
42/ 41	.1	.7	.1															8	8	27	57
40/ 39		.7																6	6	11	55
38/ 37	.1	.2																3	3	7	23
36/ 35																				2	17
34/ 33																					7
TOTAL	.9	28.3	48.1	19.1	3.7	.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.	5698998	71196	79.1	8.364	900							
Dry Bulb	2679306	48854	54.3	5.491	900			.1				90
Wet Bulb	2353508	45800	50.9	5.246	900							90
Dew Point	2087817	43066	47.9	5.486	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 | MILDENHALL RAF [illegible] STATION NAME | 74-87 YEARS | SEP MONTH

PAGE [illegible] | 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	Wet Bulb	Dew Point
[illegible] / 65			•															2	2		
[illegible] / 67		•	1.2	1.9	•													36	36	1	
[illegible] / 65	•	•	2.6	1.1	•													42	42	11	3
[illegible] / 59		•	3.	1.4	•													50	50	16	12
[illegible] / 57	•	3.	6.	2.8	•													114	114	91	17
[illegible] / 55	•	6.1	4.9	3.	•													131	131	75	37
[illegible] / 53	•	4.8	7.	2.	•													130	130	143	79
[illegible] / 51		3.4	6.	•														97	97	123	121
[illegible] / 49		•	4.4	•														66	66	143	72
[illegible] / 47		4.8	3.	•														73	73	100	109
[illegible] / 45	•	5.7	4.2	•														92	92	91	196
[illegible] / 43	•	3.	1.1															32	32	62	75
[illegible] / 41		1.4	•															14	14	44	76
[illegible] / 39		1.3																12	12	18	46
[illegible] / 37	•	•																7	7	15	31
[illegible] / 35	•	•																2	2	6	19
[illegible] / 33																				1	12
TOTAL	1.9	38.	64	4.8	13.6	1.2												900	[illegible]	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6[illegible]25131	73253	81.4	8.365	900							
Dry Bulb	2527825	47429	52.7	5.618	900							90
Wet Bulb	2251912	44778	49.8	5.173	900							90
Dew Point	2022687	42373	47.1	5.553	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-87 YEARS | SEP MONTH

PAGE 1 ~~0601-0800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69				.1														1	1		
67 65			.3	.2	.1													6	6		
4/ 63	.1	.9	1.1	4.6	.4	.3												66	66	4	1
/ 61	.1	1.2	4.8	1.9	.4													76	76	13	9
/ 59		1.6	2.8	2.4	.4													65	65	28	12
/ 57	.3	4.6	6.7	2.9	.4													134	134	104	21
/ 55	.3	4.6	5.8	2.9	.3													125	125	91	71
4/ 53	.1	3.4	7.1	1.8														112	112	134	94
/ 51		3.[illegible]	3.4	.8	.1													111	111	131	128
/ 49		1.7	3.[illegible]	.2	.1													45	45	129	72
/ 47		3.9	2.7	.1	.1													61	61	103	109
/ 45	.1	3.2	2.3	.1														52	52	79	177
4/ 43	.1	1.4	1.[illegible]															24	24	35	72
/ 41		.6	.2															9	9	32	63
/ [illegible]	.1	.8	.1															9	9	13	27
/ 37	.1	.3																4	4	9	24
/ 35																				4	16
33/ 33																					6
/ 31																					1
TOTAL	1.6	31.3	46.2	18.[illegible]	2.6	.3												900	[illegible]00	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5825363	71977	80.0	8.768	900							
Dry Bulb	2689322	48892	54.3	5.610	900			.1				90
Wet Bulb	2370889	45961	51.1	5.141	900							90
Dew Point	2116619	43357	48.2	5.572	900		.1					90

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

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PSYCHROMETRIC SUMMARY

15771 | WILDENHALL RAF UK | 74-83 | SEP
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
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
/ 75					.1		.1											2	2		
4/ 73				.1			.3											4	4		
/ 71				.1		.4	.3											8	8		
/ 69				.2	1.2	1.9	.7	.1	.1									37	37		
8/ 67			.1	.1	1.7	1.2	.2											30	30	2	
6/ 65		.2	.6	2.6	2.6	1.2	.7											70	70	1	
4/ 63		1.2	3.4	1.1	5.8	4.3	.7	.2										232	232	14	6
/ 61		1.2	3.4	5.4	5.1	.6	.4											146	146	58	11
/ 59		.9	2.9	3.6	3.1	.8												101	101	107	18
/ 57	.1	1.6	2.6	3.7	2.2	.6												96	96	171	67
7/ 55	.1	1.3	1.4	4.6	.7	.1												74	74	155	94
6/ 53		1.2	2.0	1.1	.5													42	42	127	106
2/ 51	.3	.6	2.4	.4	.2													38	38	95	143
/ 49		.3	.1	.1														9	9	105	76
/ 47		.2	.3															5	5	41	101
0/ 45		.1	.2															3	3	16	146
4/ 43		.3																3	3	6	55
/ 41																				3	44
4 / 39																					23
3 / 37																					6
/ 35																					3
3 / 33																					1
TOTAL	.6	9.2	22.1	32.1	23.2	10.8	3.4	.3	.1									900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4346449	61673	68.5	11.567	900							
Dry Bulb	3342243	54654	60.7	5.089	900			8.1	.6			90
Wet Bulb	2726759	49389	54.9	4.278	900			.2				90
Dew Point	2272954	44980	50.0	5.268	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-87 YEARS | SEP MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8										•								2	2		
/ 72									•	•								3	3		
7 / 77								•		•								2	2		
/ 76						•	•	1.1	.6									20	20		
4/ 73					.1	.1	.8	1.2	.7	.7								30	30		
/ 71						.9	1.2	3.	.4	.3								53	53		
/ 69				.1	.2	1.2	4.8	2.6	1.7	.1								102	102		
/ 67					.6	1.5	1.6	1.7	.1	.2								54	54	5	
6/ 65			.3	1.2	1.3	2.1	3.1	3.4	.4									108	108	7	
4/ 63			.8	1.9	6.3	4.4	11.	1.4	1.1									243	243	51	9
/ 61	.1		.3	1.3	1.5	4.4	2.	1.2										105	105	101	14
/ 59			.6	1.3	1.2	1.1	1.3	.4										54	58	107	35
/ 57		1.2	.6	2.1	.8	.3	.2											46	46	164	48
/ 55		1.3	.2	1.7	1.1	.3												48	48	140	70
4/ 53		.7	.7	.1	.5													18	18	156	111
/ 51		.2	.7	.2														10	10	69	112
/ 49																				54	75
/ 47		.1																1	1	22	103
/ 45																				13	170
4/ 43																					53
/ 41																					34
/ 39																					36
/ 37																					19
/ 35																					9
34/ 33																					4
TOTAL	.1	5.6	3.7	16.	19.1	26.7	17.3	5.2	1.3	.2								899	899		899
																		899		899	

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.	3353377	53616	59.6	13.169	899							
Dry Bulb	3748221	57845	64.3	5.408	899			26.6	5.7	.2		90
Wet Bulb	2656246	50524	56.2	4.323	899			.5				90
Dew Point	2226328	44826	49.8	5.368	899							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]ILDENHALL RAF UK STATION NAME | 74-83 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 8[illegible]										.1								2	2		
/ 79								.[illegible]	.1	.1								4	4		
[illegible]/ 77					.[illegible]		.[illegible]	.[illegible]	.1									7	7		
/ 75					.1	.4	.6	.7	.3									18	18		
[illegible]/ 73					.[illegible]	.2	1.[illegible]	.[illegible]	.4									27	27		
/ 71					.[illegible]	1.7	3.[illegible]	1.[illegible]	.2									63	63		
[illegible]/ 69				.1	.7	1.[illegible]	3.7	2.[illegible]	1.7	.4								94	94	4	
[illegible]/ 67					.[illegible]	1.[illegible]	1.1	2.2	.[illegible]	.7								62	62	1	
[illegible]/ 65		.4	.4	2.[illegible]	[illegible].3	2.3	3.[illegible]	.1										99	99	15	
[illegible]/ 63	.1	.2	1.7	5.6	4.	[illegible].7	1.[illegible]	.8										224	224	40	12
[illegible]/ 61		.[illegible]	[illegible].1	2.1	[illegible].1	1.6	1.1	.2										94	94	93	14
/ [illegible]		.2	1.4	1.[illegible]	2.8	.8	.[illegible]	.[illegible]										70	70	110	18
[illegible]/ 57		.[illegible]	1.[illegible]	2.1	.[illegible]	1.2	.[illegible]											57	57	150	47
[illegible]/ 55		.6	.8	2.[illegible]	.3													35	35	134	76
[illegible]/ 53		.3	.7	1.[illegible]	.4													22	22	172	101
/ 51		.[illegible]	.3	.1	.1													12	12	73	91
/ 49			.[illegible]	.[illegible]	.1													8	8	60	84
[illegible]/ 47				.[illegible]	.1													2	2	30	97
[illegible]/ 45																				13	187
[illegible]/ 43																				3	69
[illegible]/ 41																				2	33
[illegible]/ 39																					33
[illegible]/ 37																					20
[illegible]/ 35																					10
[illegible]/ 33																					7
[illegible]/ 31																					1
TOTAL	.1	.4	9.[illegible]	18.3	19.3	23.7	16.9	6.7	2.2	.3								900		900	900
																		900		900	

Element (X)	$\Sigma X'$	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.	3284924	53190	59.[illegible]	13.[illegible]	900							
Dry Bulb	3741283	57797	64.2	5.747	900			27.7	5.8	.2		90
Wet Bulb	2834663	50347	55.9	4.499	900			.5				90
Dew Point	2190720	44082	49.0	5.927	900		.1					90

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03772 — STATION
MILDENHALL RAF UK — STATION NAME
74-87 — YEARS
SEP — 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
[illegible] / 71				.2	.1	.1	.3	.1										8	8		
[illegible] / 69			.1	.2	.7	.6	.4	.1										19	19		
[illegible] / 67			.1		.9	.8	.1											17	17		
67 / 65		.3	.3	2.3	2.7	.7	.8	.1										65	65	4	
64 / 63		.4	2.1	8.8	4.1	3.4	.7											176	176	13	7
62 / 61		.4	3.4	3.2	6.4	1.2	.6											144	144	30	8
[illegible] / 59		.7	2.4	5.[illegible]	3.9	.4												112	112	65	10
[illegible] / 57		1.3	3.3	5.8	2.1	.6	.1											119	119	132	36
56 / 55	.1	1.1	2.1	5.2	1.[illegible]	.1												87	87	111	91
[illegible] / 53		.9	2.4	2.4	1.1	.2												64	64	177	89
[illegible] / 51	.2	.7	3.1	.7	.2													44	44	119	105
[illegible] / 49		.3	.7	.7														15	15	123	64
[illegible] / 47		.4	1.7	.4														20	20	53	129
46 / 45		.1	.7	.1														8	8	29	197
[illegible] / 43																				15	69
[illegible] / 41		.2																2	2	6	33
[illegible] / 39																				3	39
[illegible] / 37																					15
[illegible] / 35																					7
34 / 33																					5
TOTAL	.3	7.1	22.2	35.8	23.2	8.1	2.0	.3										900	910	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.	4383925	61721	68.6	11.120	900							
Dry Bulb	3197761	53443	59.4	5.199	910			4.4				90
Wet Bulb	2611725	48313	53.7	4.503	900							90
Dew Point	2164367	43859	48.7	5.882	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

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PSYCHROMETRIC SUMMARY

3??? MILDENHALL RAF UK — STATION / STATION NAME
74-83 — YEARS
SEP — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
?/66			.?															3	3		
?/65					.?	.1												?	?	3	
4?/??		1.3	1.?	7.?	1.?	.?												109	109	1	4
?/61		.8	4.?	4.2	2.2	.1												108	108	17	10
?/59		?.4	3.2	2.4	1.?													88	88	27	8
?/57		?.2	4.7	5.7	1.1	.?												134	134	134	26
?/55		?.4	?.1	4.3	.?													128	128	101	68
?4/53	.1	1.4	6.1	3.4	.?													103	103	116	94
?/51		1.4	6.5	1.4	.1													85	85	148	122
?/49		.4	3.2	.?														41	41	139	59
?/47		.2	2.1	.?														45	45	87	121
?/45		1.6	?.1	.3														36	36	62	161
47/43		.3	.?															9	9	33	80
?/41		.?																6	6	19	52
?/39		.1																1	1	10	42
?/37		.1																1	1	1	24
?/35																				1	5
3?/33																					3
TTAL	.11	.642	.43	.5	?.?	.8													999		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.	5245857	68195	75.?	9.005	899							
Dry Bulb	2832279	50242	55.9	5.?15	899			.3				90
Wet Bulb	2436?60	46598	51.8	4.922	899							90
Dew Point	2119710	43376	48.2	5.468	899							90

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PRE-VIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]										.1								4	4		
[illegible] 78								.1	.0	.1								7	7		
[illegible] 77					.1		.1	.1	.0									9	9		
[illegible] 75					.1	.1	.2	.2	.0									40	40		
[illegible] 73				.1	.1	.1	.3	.2	.1									61	61		
[illegible] 71				.1	.2	.4	.3	.2	.1									132	132		
[illegible] 69			.1	.3	.4	1.3	.8	.4	.1									256	256	4	
[illegible] 67			.1	.1	.2	.6	.5	.1	.1									168	168	8	
[illegible] 65		.2	.4	1.1	1.3	.9	1.[illegible]	.1										359	359	30	
[illegible] 63	.1	.5	1.9	5.9	2.7	3.8	.6	.3										1141	1141	127	40
[illegible] 61	.2	.8	3.1	2.9	2.3	.7	.5											787	787	332	73
[illegible] 59		1.1	2.5	2.4	1.8	.4	.1											602	602	517	123
[illegible] 57	.1	2.5	3.9	3.6	1.	.4	.1											829	829	988	281
[illegible] 55	.1	2.8	3.7	3.4	.6	.1												775	775	903	566
[illegible] 53	.1	1.9	4.3	1.9	.4	.1												616	616	1146	787
[illegible] 51	.1	1.5	4.5	.5	.1													480	480	902	929
[illegible] 49		.9	2.1	.4	.1													241	241	894	598
[illegible] 47		1.3	1.6	.2	.1													269	269	531	868
[illegible] 45	.1	1.8	1.6	.1														258	258	370	1423
[illegible] 43	.1	.6	.5															84	84	213	532
[illegible] 41	.0	.5	.1															39	39	132	389
[illegible] 39	.0	.4	.2															28	28	55	331
[illegible] 37	.1	.2																15	15	32	162
[illegible] 35	.1	.1																2	2	13	79
[illegible] 33																				1	45
[illegible] 31																					2
TOTAL	.7	17.8	33.2	22.9	12.5	8.8	5.0	1.[illegible]	.5	.1								7198	7198		7198
																		7198		7198	

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	3812[illegible]017	516721	71.[illegible]	13.[illegible]06	7198							
Dry Bulb	24752936	419156	58.2	6.219	7198			67.3	12.1	.8		720
Wet Bulb	20481992	381710	53.0	5.273	7198			1.2				720
Dew Point	17201181	349519	48.6	5.685	7198		.2					720

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MILDENHALL RAF UK STATION NAME | [illegible]-87 YEARS | OCT MONTH

PAGE 1 | 0000-0200 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] / 57				.1														1	1		
[illegible] / 55			.1															1	1		
[illegible] / 53			.3	.2	.1													16	16		
[illegible] / 51		.2	.9	.8	.1													23	23	2	
[illegible] / 49		.6	1.5	.8														26	26	16	5
[illegible] / 47		2.5	2.[illegible]	.9	.1													51	51	26	12
[illegible] / 45	.3	3.1	1.5	2.5														69	69	53	19
[illegible] / 43	.2	3.2	5.3	.5	.1													102	102	61	63
[illegible] / 41	.4	3.5	6.7	.6	.1													106	106	74	59
[illegible] / 39	.2	4.1	4.4	1.1														90	90	117	52
[illegible] / 37		6.6	4.9	.4														113	113	105	79
[illegible] / 35		6.9	6.3	.1														124	124	126	136
47 / 33		3.6	2.[illegible]															69	69	99	103
[illegible] / 31		3.9	1.1															46	46	95	80
[illegible] / [illegible]		3.2	.4	.2														36	36	61	102
[illegible] / [illegible]		1.3	1.1															22	22	36	79
[illegible] / 25	.1	1.1	.5															16	16	18	71
[illegible] / 23		1.2	.2															16	16	23	25
[illegible] / [illegible]		.2																3	3	18	4
[illegible] / [illegible]																				3	17
[illegible] / 17																					19
[illegible] / 15																					3
[illegible] / 13																					2
TOTAL	1.3	46.3	42.4	8.5	1.[illegible]														930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	61554 [illegible]	75287	81.[illegible]	8.[illegible]79	93[illegible]							
Dry Bulb	2278841	45633	49.1	6.540	93[illegible]		.3	.1				93
Wet Bulb	2030645	43071	46.3	6.217	930		2.1					93
Dew Point	1795643	40375	43.[illegible]	6.788	93[illegible]		4.5					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

3771 | MILDENHALL RAF UK | 74-82 | OCT
STATION | STATION NAME | YEARS | MONTH

 0300-05 JC
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 66				•1														1	1		
84/ 63		•2	•3	1•2														14	14		
80/ 61		•1	1•4	•4	•4													22	22	6	1
76/ 59		•3	•5	•3														11	11	6	7
72/ 57	•1	1•5	1•6	•3														39	39	21	3
68/ 55	•4	2•6	3•1	1•2														74	74	27	15
64/ 52	•4	3•9	4•7	•5														89	89	58	41
60/ 51	•6	3•6	4•6	•9														91	91	101	52
56/ 49	•6	3•7	3•3	•9														70	70	98	61
52/ 47	•1	6•2	5•4	•3														112	112	86	86
48/ 45	•1	9•3	7•2															154	154	115	140
44/ 43		2•8	3•6															59	59	124	75
40/ 41		5•5	1•2															62	62	85	97
36/ 39		4•6	•8	•3														53	53	67	114
32/ 37		2•?	1•2															30	30	52	71
28/ 35		1•9	•6															24	24	31	61
24/ 33	•1	1•2	•2															14	14	36	45
20/ 31		•6	•1															7	7	12	11
16/ 29		•3																3	3	7	25
12/ 27																				3	20
8/ 25																					2
4/ 23																					3
0/ 21																					2
TOTAL	2•7	49•4	41•2	7•3	•4														929		929
																		929		929	

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.	627954	76106	81•8	8•116	929							
Dry Bulb	2182132	94588	98•2	6•735	929		1•3					93
Wet Bulb	1952748	82178	85•4	6•382	929		2•2					93
Dew Point	1733510	39612	42•6	6•223	929		6•3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

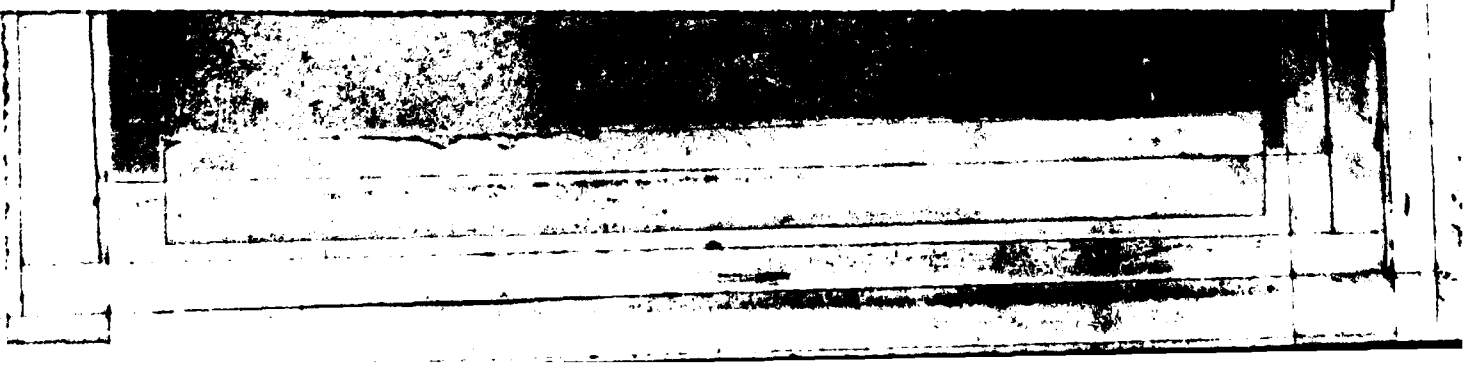
75771 — STATION
WILDENHALL RAF UK — STATION NAME
74-83 — YEARS
OCT — MONTH

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
67/ 65			.2	.1														3	3		
67/ 63		.2	.4	.2	.1													14	14	2	
67/ 61			1.4	.5	.2													20	20	5	3
67/ 59		1.1	.9	.4														22	22	6	5
67/ 57	.1	1.5	2.2	.8														42	42	27	9
5 67/ 55	.1	2.7	3.3	1.4														70	70	29	16
67/ 53	.1	3.2	3.9	.8														74	74	61	33
67/ 51	.2	3.9	5.8	.5	.1													98	98	78	57
67/ 49	.5	3.1	4.5	1.5														90	90	105	65
67/ 47	.3	7.3	3.2	.5														106	106	109	74
67/ 45		8.8	7.7	.1														155	155	124	139
47/ 43	.2	3.3	3.2	.2														65	65	122	101
67/ 41	.1	4.3	1.3	.3														56	56	77	103
4 67/ 39	.1	3.7	.9	.1														44	44	54	101
67/ 37	.1	2.8	.6															33	33	50	67
67/ 35		1.5	.5															19	19	37	57
3 67/ 33		1.1	.1															11	11	30	36
67/ 31		.6																6	6	9	16
67/ 29		.2																2	2	4	28
67/ 27																				1	15
67/ 25																					5
TOTAL	.2	49.4	46.7	8.2	.4														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6265361	75959	81.7	8.124	93[illegible]							
Dry Bulb	2214755	44965	48.3	6.621	93[illegible]		.8					93
Wet Bulb	1982584	42542	45.7	6.271	930		1.4					93
Dew Point	1758071	39937	42.9	6.808	930		6.4					93

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

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

PAGE 1 0900-1100
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]						.2													2	2		
[illegible]					.2	.1													3	3		
[illegible]			.1		.2														3	3		
[illegible]			.2	.2	.1														5	5	1	
[illegible]		.1	1.1	3.4	.2	.4													54	54	5	1
[illegible]		.5	2.8	2.4	.8	.1													61	61	7	2
[illegible]		.5	3.5	2.[illegible]	1.2	.2													70	70	23	6
[illegible]		1.5	2.6	2.5	.6	.3													70	70	64	17
[illegible]		2.7	3.2	4.2	1.4														107	107	73	32
[illegible]		1.5	5.4	3.7	1.3	.1													111	111	80	69
[illegible]		2.8	9.4	3.[illegible]	.6														147	147	96	77
[illegible]	.2	1.[illegible]	4.5	1.5	.1														68	68	136	61
[illegible]	.4	3.7	4.5	1.2															91	91	166	83
[illegible]	.1	2.8	4.5	.6	.1														76	76	113	162
[illegible]		1.2	1.5	.1															26	26	76	108
[illegible]		1.1	.5																15	15	37	117
[illegible]		1.2	.3																14	14	28	92
[illegible]	.1	.2	.1																4	4	16	51
[illegible]		.1																	1	1	6	22
[illegible]	.1		.1																2	2	2	19
[illegible]																					1	6
[illegible]																						4
[illegible]																						1
TOTAL	1.2	2.0	9.4	4.2	4.6	7.4	1.5													93		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5376829	7[illegible]099	75.4	9.989	93[illegible]							
Dry Bulb	2657[illegible]6	49[illegible]0	53.1	6.[illegible]37	93[illegible]			.8	.2			93
Wet Bulb	2277[illegible]3	45741	49.2	5.423	93[illegible]		.1					93
Dew Point	1985[illegible]0	42162	45.[illegible]	6.[illegible]55	93[illegible]		1.1					93

FORM AA 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-87 — YEARS
OCT — 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
/ 79								•											2	2		
/ 78						•	• 1												2	2		
67 / 77							•												5	5		
/ 76							•												1	1		
/ 69				•	• 1	•													11	11		
/ 67			•	• 1	• 4	•	•												10	10		
67 / 65			•	•	1.5	• 3	•												26	26	3	
47 / 63			• 8	5.1	2.4	2.6	• 4												104	104	7	
/ 61		• 3	2.3	2.6	2.9	1.1	1.3												99	99	20	5
/ 58			• 9	1.2	2.6	• 9	• 7												65	65	34	6
/ 57		• 9	1.5	2.9	2.8	1.4													87	87	82	13
67 / 55	• 1	1.8	2.4	6.7	4.4	• 3													146	147	74	38
47 / 53		1.3	3.7	4.4	4.4	• 6													134	134	92	77
27 / 51		1.2	4.5	2.7	2.6	• 1													103	103	100	75
57 / 49	• 1	1.2	2.9	2.3	• 3														63	63	172	47
/ 47	• 1	• 9	• 8	1.2	• 3														30	30	158	75
67 / 45		• 1	1.4	• 6															29	29	114	165
47 / 43		• 2	• 1																3	3	40	102
27 / 41		• 5	• 3																8	8	19	99
6 / 39		• 1																	1	1	12	100
37 / 37																					2	70
/ 35																						34
37 / 33																						14
27 / 31																						8
6 / 29																						1
TOTAL	• 3	• 4	22.9	37.8	25.0	8.4	3.0	• 2												931		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.	1314119	6235	67.1	11.812	929							
Dry Bulb	2984181	52603	56.3	5.915	930			3.1	• 9			93
Wet Bulb	2408073	47067	50.7	5.028	929							93
Dew Point	1932302	41978	45.2	6.183	929		• 9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

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

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 78								.1										1	1		
77/ 75							.1											1	1		
74/ 73							.1											1	1		
/ 71						.2												2	2		
/ 69				.3		.6	.1											10	10		
/ 67					.3	.2	.2											7	7		
67/ 65			.3	.6	.9		.1											18	18	1	
64/ 63		.1	1.	4.	2.3	1.9	.2											88	88	4	
/ 61		.2	2.	2.3	2.3	1.1	.9											81	81	14	3
/ 59			1.5	2.5	1.3	.6	.2											57	57	36	6
/ 57		1.1	2.2	5.2	1.6	1.2												103	103	62	12
56/ 55		1.5	2.5	6.	2.8	.6												125	125	65	44
54/ 53		1.3	4.9	5.7	3.5	.1												145	145	92	45
52/ 51	.2	1.7	4.3	3.7	1.9													110	110	118	78
/ 49		.8	2.	2.5	.9	.2												58	58	172	42
/ 47		1.7	2.8	3.	.2													72	72	137	109
46/ 45		.1	2.4	.8	.2													41	41	115	175
44/ 43		.2	.3															5	5	76	83
/ 41			.2															2	2	27	104
/ 39		.1																1	1	12	83
/ 37		.2																2	2	1	67
36/ 35																				2	57
34/ 33																					17
/ 31																					3
/ 29																					4
28/ 27																					2
TOTAL	.2	9.	26.	53.	65.	18.1	6.9	1.9	.1									930		930	
																	930		930		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4885596	637 12	68.5	11.870	930							
Dry Bulb	2882526	515 14	55.9	5.702	930			2.2	.3			93
Wet Bulb	2353933	465 51	50.1	5.011	930							93
Dew Point	1905375	417 08	44.8	6.159	930		.9					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

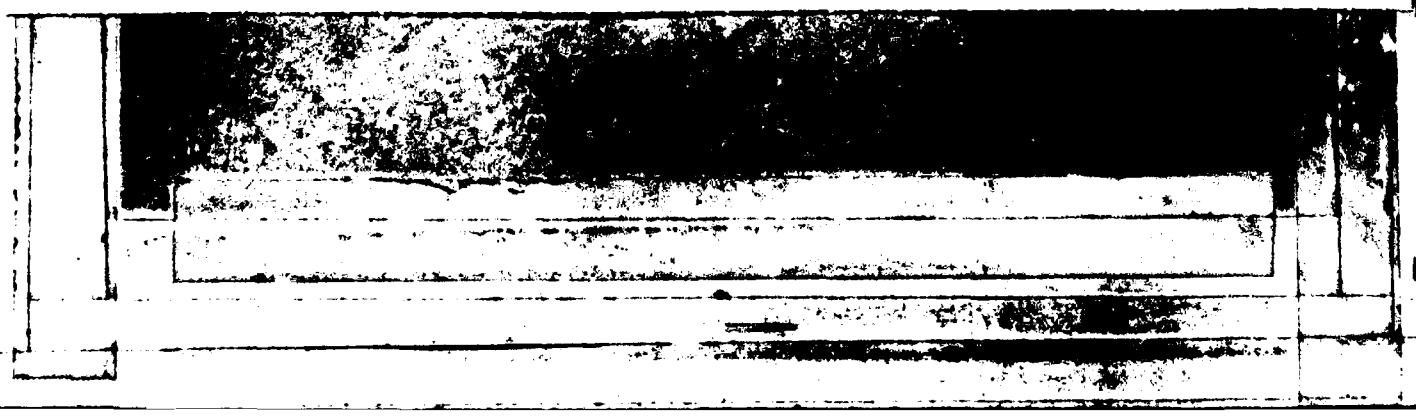
[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-93 YEARS | OCT MONTH

PAGE 1 | 1600-2100 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] / [illegible]						.1												1	1		
[illegible] / 69				.1		.1												2	3		
[illegible] / 67				.1	.1													2	2		
67 / 65				.1	.1													2	2		
67 / 63			.1	2.2	.2	.5												30	30	3	
[illegible] / 61		.3	2.4	1.2	.1													44	44	4	2
[illegible] / 59		1.1	3.2	1.2	.2													45	45	13	5
[illegible] / 57		1.3	2.8	2.3	.4	.2												65	65	51	12
57 / 55		2.3	2.2	3.1	.2													72	72	46	40
57 / 53		1.9	6.8	3.9	.4													121	121	70	29
[illegible] / 51	.3	2.2	9.1	2.3	.3													132	132	80	72
[illegible] / 49		2.5	5.1	2.1														89	89	154	42
[illegible] / 47		3.5	6.1	1.3	.2													104	104	136	71
[illegible] / 45		3.1	3.7	1.2														120	120	114	199
[illegible] / 43		2.1	3.5	.5														57	57	98	98
[illegible] / 41		1.7	.6															22	22	81	94
[illegible] / 39		.8	.4															11	11	50	104
[illegible] / 37		.6	.1															7	7	16	62
[illegible] / 35		.2	.1															3	3	11	56
34 / 33																				4	27
[illegible] / 31																					9
[illegible] / 29																					5
[illegible] / 27																					3
TOTAL	.3	23.3	51.4	22.1	2.9	1.1													931		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5514846	71062	76.4	8.982	930							
Dry Bulb	2570169	47909	51.5	5.981	930			.6				93
Wet Bulb	2160031	44533	47.9	5.448	930							93
Dew Point	1852493	41110	44.2	6.160	930		1.7					93

USAFETAC FORM 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

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

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67					.1													2	2		
66/ 65				.1	.2													4	4		
4/ 63			.6	.7	.3	.1												18	18		
/ 61			1.5	.4	.2													20	20	3	
/ 59		1.4	2.5	.3	.1													40	40	15	4
/ 57		2.2	2.3	1.1														51	51	32	17
56/ 55	.2	2.1	2.7	1.4														53	53	49	16
4/ 53		3.9	4.6	3.1														106	106	58	48
/ 51	.4	2.8	8.	.3	.3													110	110	83	65
/ 49		3.2	5.3	1.4														92	92	116	49
4/ 47		5.5	3.7	.3	.1													89	89	127	56
46/ 45	.1	7.5	9.6	.5														165	165	127	180
4/ 43	.1	2.9	4.6	.1														72	72	86	119
/ 41		2.5	1.1	.1														34	34	103	83
4 / 39		2.1	1.1															38	38	49	94
3 / 37		.9	1.2															17	17	39	71
/ 35		.6	.7															9	9	19	54
34/ 33		.4	.3															7	7	19	33
/ 31		.3																3	3	9	12
/ 29																					10
/ 27																					19
TOTAL	.2	39.	48.	17.	1.	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.	6028850	74888	80.1	8.193	937							
Dry Bulb	2319168	46268	49.5	6.325	937		.3	.2				93
Wet Bulb	2053255	43347	46.6	5.948	937		.9					93
Dew Point	1805238	40520	43.6	6.589	930		8.1					93

USAFETAC FORM AM 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 — STATION
ILDENHALL RAF [illegible] — STATION NAME
74-8[illegible] — YEARS
OCT — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 75						•	•											3	3		
[illegible] / 73						•	•											8	8		
[illegible] / 71						•	•											4	4		
[illegible] / 69				•	•	•	•											27	27		
[illegible] / 67			•	•	•	•	•											25	25		
[illegible] / 65			•	•	•	•	•											60	60	5	
[illegible] / 63		•	•	2.3	•	•	•											338	338	21	1
[illegible] / 61		.3	1.8	1.4	•	•	.3											370	370	61	16
[illegible] / 59		.6	1.8	1.[illegible]	•	•	.1											336	336	149	44
[illegible] / 57	•	1.5	2.2	2.1	•	•												508	508	365	95
[illegible] / 55	.1	2.3	2.5	3.4	1.1	•												716	717	416	220
[illegible] / 53	.1	2.6	5.[illegible]	2.8	1.2	•												882	882	568	404
[illegible] / 51	.3	2.7	6.5	1.7	.8	•												897	897	726	529
[illegible] / 49	•	2.3	4.[illegible]	1.6	.1	•												620	620	1070	419
[illegible] / 47	.1	4.5	3.[illegible]	1.[illegible]	.1													717	717	1024	633
[illegible] / 45	•	5.1	6.[illegible]	.5	•													864	864	948	1296
[illegible] / 43	.1	2.1	2.5	.1														356	356	721	789
[illegible] / 41	•	2.4	.[illegible]	.1														245	245	519	777
[illegible] / 39	•	2.1	.5	.1														198	198	333	790
[illegible] / 37	•	1.[illegible]	.[illegible]															115	115	212	538
[illegible] / 35	•	.7	.3															72	72	122	412
[illegible] / 33	•	.5	.2															[illegible]0	50	111	216
[illegible] / 31		.2	•															19	19	49	69
[illegible] / 29		•																5	5	14	93
[illegible] / 27																				4	80
[illegible] / 25																					10
[illegible] / 23																					5
[illegible] / 21																					2
TOTAL	1.1	31.[illegible]	39.[illegible]	18.5	7.1	2.2	.6	.1											7439		7438
																		7438		7438	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]09745	568953	76.5	10.933	7438							
Dry Bulb	2[illegible]019674	382470	51.4	6.911	7439		2.4	7.0	1.4			744
Wet Bulb	17217812	355030	47.7	6.743	7438		6.7					744
Dew Point	14728110	327398	44.0	6.529	7438		25.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PSYCHROMETRIC SUMMARY

15771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.1															1	1		
[illegible]/ 59		.2	.3															5	5		
[illegible]/ 57		.4	1.2	.3														18	18	5	
[illegible]/ 55	.3	.7	2.2	.7														35	35	12	5
[illegible]/ 53	.1	2.2	4.7	1.6														77	77	22	17
[illegible]/ 51		1.3	3.8	.7	.3													52	52	58	14
[illegible]/ 49	.2	2.7	2.6	1.2														60	60	57	37
[illegible]/ 47	.3	4.9	3.1	.3														77	77	82	52
[illegible]/ 45	.7	6.	5.1	.8														113	113	81	94
[illegible]/ 43		3.6	4.7	.6														79	79	86	62
[illegible]/ 41		2.9	3.7	.2														61	61	79	68
[illegible]/ 39	.6	4.8	3.2	.2														79	79	82	85
[illegible]/ 37	1.2	4.3	2.9															75	75	90	74
[illegible]/ 35	.7	5.7	2.															75	75	75	105
[illegible]/ 33	.9	3.9	1.3															46	46	87	76
[illegible]/ 31		1.6	.1															15	15	37	59
[illegible]/ 29	.2	1.9	.7															25	25	27	55
[illegible]/ 27	.1	.1	.1															3	3	17	55
[illegible]/ 25		.1																1	1	6	22
[illegible]/ 23																				1	6
[illegible]/ 21																					4
[illegible]/ 19	.1	.2																3	3	1	5
[illegible]/ 17																				2	3
[illegible]/ 15																					2
TOTAL	5.4	46.1	41.5	6.6	.3													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5283995	72933	81.1	9.057	900							
Dry Bulb	1772989	39393	43.8	7.364	900		4.7					90
Wet Bulb	1577787	37161	41.3	6.249	900		8.9					90
Dew Point	1369809	34395	38.2	7.488	900		21.1					90

USAFETAC FORM AWS A4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

25771 — STATION
ILDENHALL RAF UK — STATION NAME
74-87 — YEARS
NOV — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59		.1	.2															3	3		
/ 57		.6	1.2	.4														20	27	1	
/ 55	.3	1.2	1.4	.6														32	32	10	4
/ 53	.1	1.2	3.4	1.														52	52	24	6
/ 51	.1	2.	3.2	.4	.2													72	72	43	26
/ 49		1.6	2.7	.7														44	44	65	17
/ 47	.2	4.8	2.	.7														69	69	74	47
/ 45	1.	5.2	5.7	.4														109	109	89	112
/ 43		3.3	4.2	.9														76	76	65	67
/ 41		5.7	3.	.7														81	81	73	65
/ 39	.1	7.	1.3	.6														87	87	81	70
/ 37	1.7	4.1	2.8															77	77	115	87
/ 35		4.2	1.7															53	53	56	68
/ 33	.9	4.9	1.															61	61	98	88
/ 31	.2	1.8																18	18	50	57
/ 29	.2	1.7	.8															24	24	23	68
/ 27	.6	1.1	.1															16	16	17	61
/ 25																				10	28
/ 23		.2																2	2		8
/ 21		.1																1	1	2	7
/ 19		.1																1	1	1	8
/ 17		.2																2	2	3	2
/ 15																					1
/ 13																					3
TOTAL	5.4	51.6	36.8	6.1	.2													900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6021128	7316	81.3	9.075	900							
Dry Bulb	1723424	38796	43.1	7.549	900		6.4					90
Wet Bulb	1536243	36631	40.7	7.100	900		10.6					90
Dew Point	1328807	33881	37.6	7.703	900		24.3					90

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

FL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 — STATION
MILDENHALL RAF UK — STATION NAME
74-83 — YEARS
NOV — 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
67 / 65					•													1	1		
62 / 59			•1	•1	•2													7	7		
57 / 57		•6	1•1	•1														16	16	2	
52 / 55	•1	1•3	2•1	•4														35	35	10	2
47 / 52	•1	1•6	2•3	•4														40	40	30	12
42 / 51		1•9	6•9	•6	•2													85	85	43	26
37 / 49		1•1	2•3	1•3														40	40	55	19
32 / 47	•2	4•1	1•7	•4														58	58	75	47
27 / 45	•6	5•4	5•9	•8														114	114	85	113
22 / 43	•1	3•9	5•2	•6														88	88	66	62
17 / 41		6•1	3•4	•3														89	89	75	60
12 / 39	•3	6•7	2•3	•1														82	82	106	70
7 / 37	•9	4•3	2•1	•3														69	69	94	84
2 / 35	•3	4•9	1•8															63	63	78	93
-3 / 33	1•	3•7	•8															49	49	78	95
-8 / 31	•3	2•1	•1															23	23	55	47
-13 / 29		2•2	•1															21	21	20	56
-18 / 27	•3	•9	•2															13	13	17	64
-23 / 25	•1	•1																2	2	9	24
-28 / 23		•1																1	1	1	10
-33 / 21		•1																1	1	1	7
-38 / 19		•1																1	1	1	5
-43 / 17		•2																2	2	1	2
-48 / 15																				2	2
1 / 11																					1
-58 / 9																					2
TOTAL	4•4	51•6	38•4	5•3	•2													900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6021882	73168	81.3	9.481	900							
Dry Bulb	1732037	38933	43.2	7.499	900		6.4					90
Wet Bulb	1543013	36719	47.8	7.769	900		10.7					90
Dew Point	1337116	33998	37.8	7.687	900		22.0					90

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

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PSYCHROMETRIC SUMMARY

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

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.2														2	2		
[illegible]			.2	.6														9	9		
[illegible]			.1	.1														11	11		
[illegible]		.2	2.1	1.1														37	37	6	
[illegible]		.7	3.9	1.1	.1													43	43	23	2
[illegible]		2.2	4.1	1.2	.2													70	70	36	20
[illegible]		1.7	5.4	1.2	.2													77	77	70	31
[illegible]		1.1	3.1	.4														42	42	61	38
[illegible]		4.4	3.6	1.2														86	86	71	56
[illegible]	.1	6.2	10.4	1.7	.2													167	167	108	103
4/ 43	.2	2.3	5.6	1.2	.1													95	85	89	71
[illegible]		4.6	4.[illegible]	.2	.1													80	80	108	91
[illegible]	.2	4.6	1.3	.2														60	61	105	79
[illegible]	.7	3.1	2.2															45	45	77	92
[illegible]	.4	3.1	1.1	.3														36	36	44	107
[illegible]	.4	2.4	.7															32	32	50	69
[illegible]		.6	.1															6	6	31	26
[illegible]		.4	.2															6	6	12	33
[illegible] 27																				2	55
[illegible] 25																				1	7
[illegible] 23																					8
22/ 21		.3																3	3		5
[illegible] 19		.1																1	1	3	1
[illegible] 17		.2																2	2	1	
1 / 15																				2	3
4/ 13																					1
[illegible] 11																					
TOTAL	2.1	36.8	48.8	11.2	1.1														900		900
																		900		900	

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.	5627037	70665	78.5	9.363	900							
Dry Bulb	1937283	41271	45.9	7.[illegible]54	900		1.8					90
Wet Bulb	1696429	38612	42.9	6.661	900		5.2					90
Dew Point	1447662	35476	39.4	7.404	900		14.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

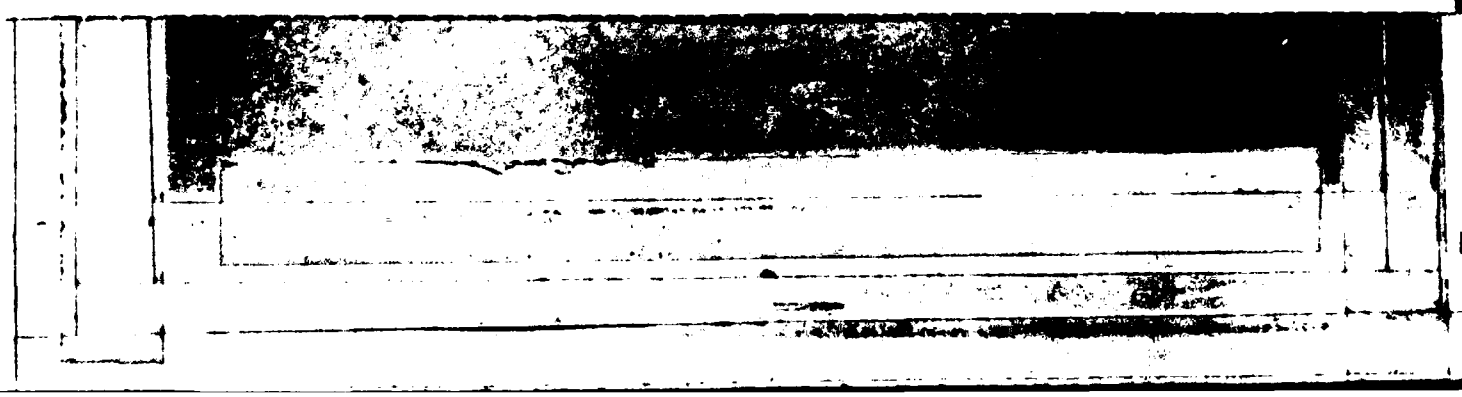
15771 — STATION
MILDENHALL PAF UK — STATION NAME
74-83 — YEARS
NOV — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≤ / 27				1.	.7													12	12		
28/ 31		.1	1.2	.2	.4													21	21		
32/ 35			1.9	1.7	.3													28	28	2	
36/ 39		.6	1.7	3.3	.1													53	53	17	1
40/ 43	.1	1.1	2.1	3.1	.6													63	63	35	7
44/ 47	.1	1.6	3.4	3.9	.9													88	88	39	30
48/ 51		1.1	6.1	2.2	.3													91	91	80	44
52/ 55		.9	3.4	2.3	.2	.1												64	64	87	28
56/ 59		1.4	5.9	3.8	.6													123	123	102	57
60/ 63	.1	2.4	8.9	2.9	.9	.3												140	140	111	126
64/ 67	.1	1.6	5.4	1.6	.1													79	79	107	74
68/ 71	.4	2.8	2.1	.9	.1													56	56	108	90
72/ 75	.1	2.7	1.4	.7														44	44	94	101
76/ 79	.1	.1	.6															9	9	56	115
80/ 83	.1	.7	.8															14	14	24	84
84/ 87	.1	.7	.1															6	8	26	36
88/ 91		.1																1	1	7	23
92/ 95		.2																2	2	3	32
96/ 99		.3																3	3		37
100/103		.1																1	1	1	7
104/107																				1	1
108/111																					1
112/115																					
TOTAL	1.2	7.4	9.8	27.3	5.2	.4												900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,777495	66927	74.4	10.593	900							
Dry Bulb	2173842	43854	48.7	6.419	900		.7					90
Wet Bulb	1851317	41459	46.0	6.213	900		1.4					90
Dew Point	1535498	36638	40.7	6.996	900		10.7					90

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[5771] [OLDENHALL RAF UK] [64-67] [NOV]
STATION | STATION NAME | YEARS | MONTH

PAGE 1 [1500-1700] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 42				.6		.2												7	7		
/ 43		.2	1.1	.2	.2													16	16		
/ 44		.1	1.2	.3														17	17	.2	
/ 45		.2	.9	2.3														51	51	16	3
/ 46	.2	.9	2.7	2.4	.2													63	63	24	12
/ 47	.2	1.2	4.8	4.1	.2													93	93	46	20
/ 48		.1	4.3	1.1	.5													55	55	76	45
/ 49		.7	4.5	1.4	.1													61	61	82	16
/ 50		.9	4.6	2.6	.2													101	101	87	59
/ 51		.4	.8	4.2	.4													153	153	90	111
/ 52	.2	.3	.3	1.1	.1	.1												81	81	85	86
/ 53	.1	.1	3.2	.6														79	79	128	82
/ 54	.2	3.4	1.7	1.1	.1													59	59	109	91
/ 55	.3	1.7	1.1	.1														29	29	61	122
/ 56	.1	1.2	.2															18	18	37	79
/ 57		.8	.5															10	10	37	44
/ 58		.2																3	3	1	31
/ 59		.1																1	1	3	43
/ 60		.2																3	3	1	36
/ 61																				1	11
/ 62																					2
/ 63																					5
/ 64																					3
TOTAL	1.3	27.7	45.7	22.7	2.3	.3													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5261847	68225	75.8	10.206	900							
Dry Bulb	3081935	42881	47.6	6.578	900		.7					90
Wet Bulb	1792267	39773	44.2	6.209	900		2.0					90
Dew Point	1499648	36174	40.2	7.129	900		13.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-83 YEARS | NOV 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
47/ 53				.2														2	2		
/ 51			.2	.2	.2													10	10		
/ 49		.6	.8	.1														13	13	3	
/ 47		.2	1.8	.4	.1	.1												29	29	9	3
5?/ 45	.1	1.6	2.3	1.?	.1													46	46	17	8
/ 43	.2	.7	4.?	1.2	.1													62	62	38	18
/ 41		1.1	5.6	.4														73	73	43	32
3 / 39		.7	3.6	.2														40	40	79	15
5 / 37		4.4	3.6	.8														79	79	93	42
46/ 35	.3	4.3	9.2	.8	.3													135	135	66	127
47/ 33		.3	5.2	1.?														86	86	82	69
2/ 31	.1	5.1	4.3	.4														90	90	110	76
/ 29	.4	6.1	2.?	.1														84	84	88	61
38/ 27	1.6	2.1	2.2	.1														54	54	109	148
/ 25	.3	2.4	?.?	.1														44	44	53	89
3?/ 23	.1	1.6	.7	.1														22	22	56	58
/ 21		1.?	.?															17	17	33	34
/ 19		.8	.3															10	10	12	50
/ 17	.1	.1																2	2	9	64
4/ 15		.1																1	1	1	14
2/ 13		.1																1	1	1	4
2/ 11																				1	4
/ 9																					4
1/ 7																					2
TOTAL	3.3	37.3	49.7	8.1	1.?	.1												900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	56815.2	71020	78.9	9.269	900							
Dry Bulb	1892922	40776	45.3	7.114	900		3.1					90
Wet Bulb	1462639	39211	42.5	6.698	900		5.7					90
Dew Point	1319039	35111	39.0	7.804	900		17.6					90

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] | WILDENHALL RAF [illegible] | 74-87 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 60			.2	.7														8	8		
/ 59		.4	.2	.1														12	12		
/ 57		.6	[illegible]	.3														26	26	6	
[illegible] / 55		1.1	.7	.7	.1													23	23	18	5
[illegible] / 53	.3	.7	3.7	1.8														58	58	33	13
/ 51		1.4	7.2	.3														81	81	28	35
/ [illegible]		1.8	1.8	.3														35	35	78	13
[illegible] / 47	.1	4.[illegible]	3.3	.4														71	71	83	32
[illegible] / 45	.4	6.1	7.3	.7	.1													132	132	67	120
[illegible] / 43		3.[illegible]	[illegible].7	.4														85	85	88	71
[illegible] / 41		3.[illegible]	7.8	.6														54	64	89	76
[illegible] / 39	.4	7.2	3.1	.2														99	99	93	78
[illegible] / 37	.6	[illegible].3	1.6															52	52	94	71
[illegible] / 35	.6	2.4	3.[illegible]	.2														59	59	74	98
3[illegible] / 33	.3	[illegible].3	1.4															46	46	62	77
[illegible] / 31	.3	1.2	.7															16	16	52	41
[illegible] / [illegible]	.1	1.4	.7															[illegible]0	20	18	44
[illegible] / 27	.3	.6																8	8	15	78
[illegible] / 25																				7	24
[illegible] / 23		.3																3	3		5
[illegible]27 / 21		.1																1	1	3	7
/ 19	.1																	1	1	2	7
/ 17																					3
[illegible] / 15																					2
TOTAL	4.[illegible]	42.9	46.1	6.8	.2													[illegible]00		[illegible]00	
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5803197	71826	79.8	8.887	900							
Dry Bulb	1799972	39676	44.1	7.523	900		4.9					90
Wet Bulb	1590124	37291	41.4	7.181	900		9.7					90
Dew Point	1361040	34316	38.1	7.650	900		21.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

[illegible] STATION | MILDENHALL RAF UK STATION NAME | 74-82 YEARS | NOV MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 69					•1													1	1		
24/ 63					•1	•2												23	23		
[illegible]/ [illegible]		•1	•4	•3	•1													65	65		
[illegible]/ 59		•2	•3	•3	•													96	96	7	
[illegible]/ 57		•7	1.6	1.1	•	•0												250	250	62	7
5/ 55	•2	1.2	2.[illegible]	1.3	•1													340	340	149	45
[illegible]/ 53	•1	1.4	3.8	2.[illegible]	•2													540	540	268	136
[illegible]/ 51	•[illegible]	1.3	5.7	•9	•3													586	586	438	253
[illegible]/ 49	•[illegible]	1.3	3.[illegible]	1.3	•[illegible]	•0												386	386	564	183
[illegible]/ 47	•1	4.3	3.5	1.3	•1													664	664	667	390
[illegible]/ 45	•4	4.8	7.7	1.5	•3	•[illegible]												1063	1063	697	903
[illegible]/ 43	•1	2.9	5.2	•9	•	•0												659	659	668	562
[illegible]/ 41	•1	4.5	3.3	•4	•													600	600	770	608
[illegible]/ 39	•3	5.4	2.1	•4	•													594	594	748	655
[illegible]/ 37	•9	2.8	1.9	•1														410	410	694	753
[illegible]/ 35	•3	2.9	1.7	•1														362	362	437	723
34/ 33	•5	2.5	•8	•														274	274	494	543
[illegible]/ 31	•1	1.2	•1															99	99	278	318
[illegible]/ [illegible]	•1	1.1	•3															109	109	118	381
[illegible]/ 27	•2	•4	•1															48	48	71	850
[illegible]/ 25	•[illegible]	•1																5	5	40	137
24/ 23		•1																7	7	[illegible]	[illegible]
[illegible]/ 21		•1																6	6	7	44
[illegible]/ 19	•[illegible]	•1																7	7	[illegible]	34
[illegible]/ 17		•1																6	6	7	13
16/ 15																				[illegible]	10
[illegible]/ 13																					3
12/ 11																					[illegible]
[illegible]/ 9																					4
TOTAL	3.5	39.4	44.0	11.7	1.3	•1													7200		7200
																		7200		7200	

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.	85478369	567923	78.9	9.731	7200							
Dry Bulb	15114458	325588	45.2	7.805	7200		28.7					720
Wet Bulb	13249818	338856	42.3	6.891	7200		53.7					720
Dew Point	11293615	279985	38.9	7.509	7200		183.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible]71 | MILDENHALL RAF UK | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

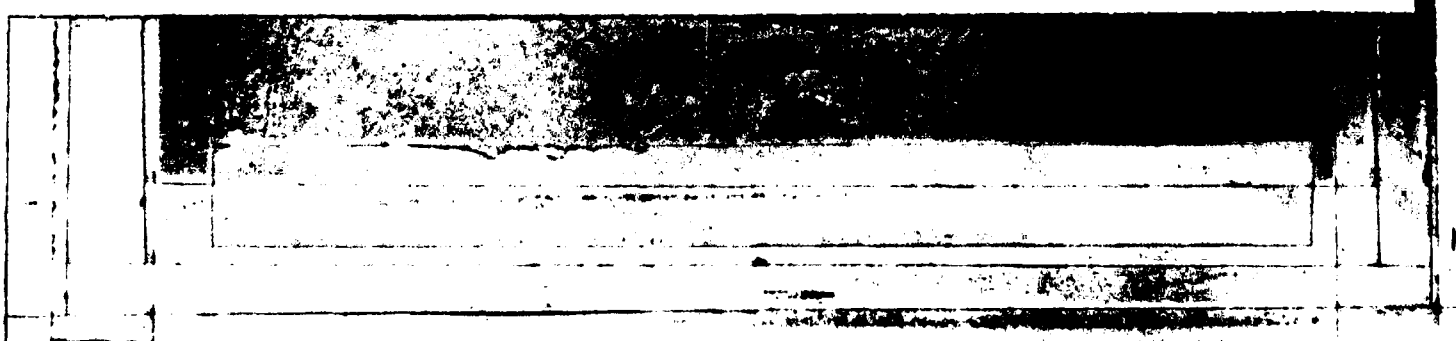
PAGE 1 | 0000-0200
HOURS (L. S. T.)

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] / 61			.1															1	1		
[illegible] / 59			.1															1	1		
[illegible] / 57				.1														1	1	2	
5[illegible] / 55		.1	1.0	.2														12	12		
[illegible] / 53		.2	1.8	.2	.1													22	22	2	2
[illegible] / 51		.8	3.7	.2														43	43	15	3
5[illegible] / 49		.2	2.6	.8	.2													53	53	34	10
4[illegible] / 47	.3	3.3	3.1	.6														69	69	66	32
4[illegible] / 45	.5	4.[illegible]	3.5	.8														83	83	72	71
4[illegible] / 43	.6	3.[illegible]	3.4	.4														70	70	68	54
[illegible] / 41	.1	3.3	3.8	.1														68	68	65	56
[illegible] / 39	1.3	6.[illegible]	4.1	.1														107	107	89	68
3[illegible] / 37	1.6	4.4	3.[illegible]	.1														91	91	108	69
3[illegible] / 35	1.1	6.7	5.7	.2														127	127	99	118
3[illegible] / 33	.1	3.8	1.7	.1														53	53	111	71
[illegible] / 31	.2	2.4	.2															26	26	72	76
[illegible] / 29	.1	2.7	.6															32	32	34	61
[illegible] / 27	.2	3.5	.4															39	39	30	87
[illegible] / 25		1.6																15	15	31	33
2[illegible] / 23		1.[illegible]																9	9	17	35
[illegible] / 21	.1	.3																4	4	8	12
[illegible] / 19		.1																1	1	3	24
[illegible] / 17		.1																1	1	1	13
[illegible] / 15		.1																1	1	2	9
1 / 11		.1																1	1	1	2
[illegible] / 9																					3
[illegible] / 7																					1
TOTAL	6.5	40.7	39.6	4.[illegible]	.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.	6[illegible]87754	74768	8[illegible].4	9.[illegible]88	93[illegible]							
Dry Bulb	1548[illegible]1	37303	40.1	7.485	930		12.9					93
Wet Bulb	1374408	35132	37.8	7.132	930		19.9					93
Dew Point	1162185	32029	34.4	7.977	930		37.6					93

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

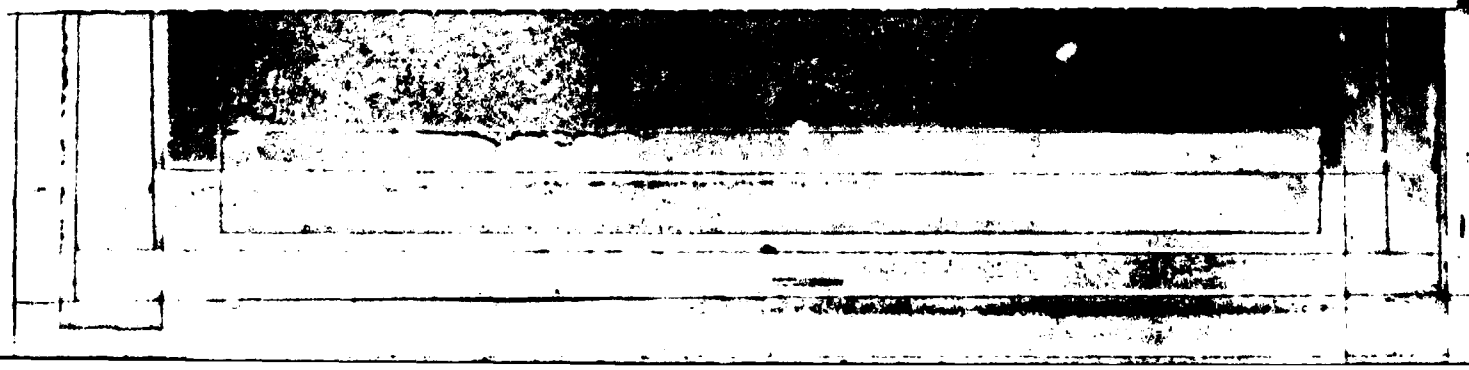
15771 STATION | MILDENHALL RAF UK STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 57			.2	.1														3	3		
56/ 55			.5	.5														10	10		
54/ 53		.3	1.3	.5														20	20	2	
52/ 51		.6	4.3	.2														48	48	15	1
50/ 49		1.0	2.0	.3	.3													34	34	32	8
48/ 47	.1	3.4	2.7	.1														59	59	66	19
46/ 45	.2	5.2	4.4	.6	.1													98	98	68	75
44/ 43	.6	2.7	3.3	.2														64	64	57	56
42/ 41	.1	4.1	4.4															79	79	75	69
40/ 39	.4	7.1	3.6	.1														104	104	71	60
38/ 37	3.3	2.3	3.7	.1														87	87	130	73
36/ 35	.2	7.2	4.6															110	110	70	105
34/ 33	.2	5.3	1.4															64	64	118	67
32/ 31		2.4	.1															23	23	85	47
30/ 29	.3	3.3	.2															36	37	36	101
28/ 27	.1	4.1	.9															47	47	31	113
26/ 25		2.2																20	20	28	28
24/ 23		.9																8	8	24	33
22/ 21	.1	.8																8	8	8	8
20/ 19	.1	.3																4	4	8	29
18/ 17																				3	11
16/ 15																					13
14/ 13		.1																1	1	1	3
12/ 11																		1	1	1	7
10/ 9		.1																1	1	1	
8/ 7																					2
6/ 5																					1
TOTAL	5.9	53.1	37.7	2.9	.4														930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6891857	74765	80.5	8.981	929							
Dry Bulb	1510263	36780	39.5	7.741	930		15.0					93
Wet Bulb	1390855	34633	37.3	7.321	929		22.5					93
Dew Point	1130966	31516	33.9	8.127	929		39.6					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 | MILDENHALL RAF UK STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 | 0600-0800 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
[illegible] / 59			.1															1	1		
[illegible] / 57				.1														1	1		
[illegible] / 55			.5															5	5	1	
[illegible] / 53		.3	1.7	.4														23	23		
[illegible] / 51		.5	4.6	.5														53	53	13	1
[illegible] / 49		1.3	1.2	.1	.3													27	27	35	5
[illegible] / 47	.1	[illegible]	2.7	.4														58	58	66	21
46 / 45	.4	7.8	4.1	.2														117	117	71	67
[illegible] / 43	.3	2.2	2.8	.6														55	55	81	72
[illegible] / 41	.1	3.4	3.4															65	65	55	77
[illegible] / 39	.4	7.[illegible]	4.7	.1														114	114	63	58
38 / 37	2.3	4.4	4.4															103	103	110	64
[illegible] / 35	.1	7.5	3.3															106	106	99	89
34 / 33	.1	3.[illegible]	1.7															45	45	129	72
[illegible] / 31	.2	3.2	.1															33	33	61	58
[illegible] / 29	.2	3.8	.3															40	40	44	108
[illegible] / 27	.[illegible]	3.4	.2															36	36	31	101
[illegible] / 25	.1	2.3																22	22	25	33
[illegible] / 23		.[illegible]	.1															6	6	21	30
[illegible] / 21	.3	.9																11	11	7	18
[illegible] / 19		.6																6	6	9	18
[illegible] / 17		.2																2	2	6	13
[illegible] / 15																				2	10
[illegible] / 13		.1																1	1	1	3
12 / 11																					4
[illegible] / [illegible]																					7
[illegible] / 7																					1
TOTAL	4.9	55.6	36.6	2.6	.3														93[illegible]		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6116283	74989	80.6	8.648	930							
Dry Bulb	1509776	36782	39.6	7.696	930		15.7					93
Wet Bulb	1343988	34690	37.3	7.337	930		20.7					93
Dew Point	1134404	31598	34.0	8.097	930		40.4					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 STATION | MILDENHALL RAF UK STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.3														3	3		
[illegible]				.1														1	1		
[illegible]				.3														3	3		
[illegible]		.2	.8	.3														12	12	3	
[illegible]		.2	2.3	.5														28	28	3	1
[illegible]	.1	1.2	4.2	.4														55	55	23	5
[illegible]		.8	1.8	.5	.3													33	33	36	11
[illegible]		1.2	2.8	.2	.2													67	67	57	21
[illegible]	.6	3.	4.4	.6														127	127	87	77
[illegible]		2.8	3.6	1.3														68	68	89	70
[illegible]	.1	4.5	4.6															86	87	67	79
[illegible]	.4	7.5	4.															111	111	81	71
[illegible]	1.8	4.5	4.2															98	98	28	68
[illegible]	.1	4.3	3.5															76	76	88	98
[illegible]	.1	2.8	2.8															53	53	99	84
[illegible]		2.3	.4															30	30	65	58
[illegible]	.1	2.2	.4															25	25	35	88
[illegible]	.4	2.3	.2															25	25	24	86
[illegible]		1.3	.2															14	14	15	44
[illegible]		.1	.1															2	2	15	19
[illegible]	.1	.6																7	7	2	9
[illegible]		.3																3	3	7	10
[illegible]		.1																1	1	3	9
[illegible]																				1	11
[illegible]																					2
[illegible]																					4
[illegible]																					2
[illegible]																					1
TOTAL	4.	42.7	40.7	5.1	.5													928	929	928	928

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5955846	73886	79.6	8.859	928							
Dry Bulb	1611538	38088	41.3	7.362	929		10.7					93
Wet Bulb	1423029	35757	38.5	6.988	928		16.7					93
Dew Point	1196809	32531	35.1	7.775	928		38.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7577. MILDENHALL RAF UK 73-80 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1800
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
[illegible] / 59				•	•1													3	3		
[illegible] / 57		.6	.3															9	9		
5[illegible] / 55		.5	1.5	.2	.4													25	25	6	2
[illegible]/ 53		.2	3.7	1.9														54	54	12	5
[illegible] / 51	.3	.5	4.2	1.3	.3													61	61	21	8
[illegible] / 49		.8	3.1	.6	.7													44	44	66	13
[illegible] / 47		3.9	4.[illegible]	1.3	.5													81	81	59	21
4[illegible] / 45	.4	5.8	5.4	1.9	.1													126	126	97	99
[illegible] / 43	.2	2.4	7.8	2.3														117	118	92	66
[illegible] / 41	.1	4.7	6.2	1.[illegible]														112	112	78	79
[illegible] / 39	.9	4.5	3.9	.1														67	87	135	78
[illegible] / 37	1.4	3.2	3.[illegible]	.1														78	78	123	95
[illegible] / 35		1.7	3.6	.2														51	51	73	108
34 / 33		1.3	2.3	.1														34	34	71	88
[illegible] / 31		1.1	.8															17	17	46	53
[illegible] / [illegible]		.5	.6															11	11	15	71
[illegible] / 27	.1	1.4	.3															17	17	17	73
[illegible] / 25		.2																2	2	16	31
[illegible] / 23																				2	8
[illegible] / 21																					19
[illegible] / 19																					6
[illegible] / 17																					4
[illegible] / 15																					2
TOTAL	2.4	32.5	51.2	11.2	1.6														937		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.	5598982	74568	77.1	9.601	929							
Dry Bulb	1788[illegible]76	40316	43.4	6.591	93[illegible]		4.7					93
Wet Bulb	1549278	37490	40.4	6.259	929		9.6					93
Dew Point	1282959	33881	36.5	7.140	929		26.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 MILDENHALL RAF UK 73-82 DEC
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
/ 59		.3																3	3		
/ 57				.5	.2	.1												8	8	3	
/ 55		.6	.6															12	12		3
/ 53	.3	.1	.1	.6	.1													39	39	14	4
/ 51		1.2	4.3	.5	.2													58	58	14	7
/ 49		.5	3.4	.6	.2													45	45	41	8
/ 47	.2	2.9	3.1	1.6	.2													74	74	75	28
/ 45	.5	5.3	6.8	.9														125	125	80	93
/ 43	.6	3.4	5.6	1.7														106	106	95	53
/ 41	.3	3.3	7.2	.6														107	107	92	60
/ 39	.3	6.1	4.3	.3														103	103	100	73
/ 37	1.7	3.1	4.4	.2														88	88	135	74
/ 35	.2	2.9	3.	.1														58	58	75	124
/ 33		1.0	3.1															47	47	86	86
/ 31		1.7	.5															17	17	58	64
/ 29		1.3	.9															20	20	25	76
/ 27		1.4	.1															14	14	13	82
/ 25		.5																5	5	17	27
/ 23																				6	17
/ 21		.1																1	1		9
/ 19																				1	13
/ 17																					4
/ 15																					5
TOTAL	4.3	36.5	5.2	7.5	.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.	5772107	72737	78.2	9.859	930							
Dry Bulb	1718927	39863	82.8	6.593	93		5.7					93
Wet Bulb	1499698	36883	39.7	6.327	93		12.7					93
Dew Point	1252729	33862	36.0	7.243	93		29.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MILDENHALL RAF [illegible]K STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59		.3																3	3		
[illegible] / 57			.1															1	1	3	
5[illegible] / 55		.5	1.1	.2														17	17		3
54 / 53	.3	.3	1.0	.2														26	26	9	3
[illegible] / 51		.9	3.7	.1	.1													44	44	13	6
5[illegible] / 49		.9	1.7	.9	.4													36	36	37	10
[illegible] / 47	.1	3.9	2.7	.8														64	64	51	18
4[illegible] / 45	1.2	6.7	6.2	1.3														143	143	96	78
44 / 43	.5	2.6	4.3	1.5														89	89	75	84
[illegible] / 41		1.9	5.3	.2														74	74	88	46
4[illegible] / 39	.3	6.[illegible]	4.3															99	99	74	73
3[illegible] / 37	1.9	4.4	3.5	.1														93	93	128	72
3[illegible] / 35	.8	4.[illegible]	3.[illegible]	.2														74	74	89	107
34 / 33	.1	4.5	2.9															70	70	96	84
[illegible] / 31		2.4	.5															27	27	71	57
[illegible] / 29		2.6	1.															33	33	36	104
2[illegible] / 27	.[illegible]	3.2	.5															27	27	28	74
2[illegible] / 25	.1	.9																6	6	25	40
[illegible] / 23																				7	25
[illegible] / 21		.1																1	1		18
[illegible] / 19		.1																1	1	1	7
[illegible] / 17		.2																3	3	1	13
[illegible] / 15																				2	5
[illegible] /																					3
TOTAL	.6	44.9	43.4	5.5	.5													930		930	
																			930		930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5942589	73845	79.4	9.225	93[illegible]							
Dry Bulb	1618732	38250	41.1	7.[illegible]02	93[illegible]		9.7		0			93
Wet Bulb	1429448	35918	38.6	6.743	93[illegible]		17.1					93
Dew Point	1200856	32654	35.1	7.626	930		38.6					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

5771 MILDENHALL RAF UK — 73-82 (YEARS) — DEC (MONTH)

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59		.3																3	3		
/ 57			.1															1	1	3	
/ 55		.4	.8	.1														12	12		3
/ 53		1.0	1.8															26	26	9	
/ 51		1.7	3.2	.1														40	40	13	9
/ 49		.9	2.7	.5	.2													40	40	35	7
/ 47		3.0	2.8	1.3														63	63	54	21
/ 45	1.0	6.2	4.5	1.6														122	122	85	81
47/ 43	.6	2.9	4.4	.9														82	82	66	69
/ 41		3.2	4.9	.2														78	78	82	52
/ 39	.3	5.2	3.2															79	79	79	62
37/ 37	1.2	6.7	4.7															117	117	102	62
/ 35	1.1	6.1	2.7	.3														85	85	106	108
33/ 33	.3	2.9	3.1	.1														59	59	112	94
/ 31		2.3	.4															25	25	52	55
/ 29	.1	3.7	.9															43	43	40	102
/ 27	.3	3.5	.3															39	39	47	81
/ 25		.9																9	8	28	38
/ 27		.1																1	1	9	32
27/ 21		.3																3	3	1	23
/ 19																				3	11
/ 17		.1																1	1	1	10
17/ 15		.3																3	3	3	7
15/ 13																					2
1 / 11																					1
/ 9																					3
TOTAL	4.0	49.7	47.3	4.8	.2														930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6.28528	748.32	80.3	9.057	930							
Dry Bulb	1574530	37662	40.5	7.288	930		12.3					93
Wet Bulb	1393890	35410	38.1	6.986	930		18.4					93
Dew Point	1176127	32265	34.7	7.825	930		36.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | WILDENHALL RAF [illegible] STATION NAME | [illegible]-80 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]			•	•														4	4		
/ 59		•1	•2	•	•													15	15		
/ 57		•1	•2	•1	•													27	27	11	
5 / 55		•3	•3	•2	•1													105	105	10	11
4/ 53	•1	•3	2.2	•6	•													238	238	51	15
/ 51	•1	•8	4•	•4	•1													402	402	127	40
[illegible] / 49		1•	2.3	•6	•2													313	312	316	72
/ 47	•1	2.2	2.9	•9	•1													535	535	494	181
6-/ 45	•6	6.1	4.9	1•	•													941	941	656	641
4/ 43	•5	2.7	4.5	1.1														651	652	623	524
[illegible] / 41	•1	3.6	5.1	•3														669	670	602	538
/ 39	•6	6.2	4•	•1														804	804	692	543
[illegible] / 37	1.9	4.1	4•	•1														755	755	964	577
/ 35	•4	4.9	3.8	•1														687	687	699	857
[illegible] / 33	•1	3.2	2.4	•														425	425	822	646
[illegible] / 31	•1	2.2	•4															198	198	510	468
/ 29	•1	2.5	•6															240	241	265	731
[illegible] / 27	•2	2.7	•4															244	244	223	697
[illegible] / 25	•	1.2	•															92	92	185	274
[illegible] / 23		•3	•															26	26	101	199
[illegible] / 21	•1	•4																35	35	26	113
/ 19	•	•2																15	15	32	118
[illegible] / 17		•2																7	7	15	77
[illegible] / 15		•1																4	4	10	62
[illegible] / 13		•																2	2	2	10
[illegible] / 11		•																2	2	2	18
[illegible] / [illegible]		•																1	1	1	18
/ 7																					5
/ 5																					1
TOTAL	4.9	46.4	42.5	5.4	.6														7439		7436
																		7436		7436	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	47593246	592960	79.5	9.190	7436							
Dry Bulb	12876147	374640	41.[illegible]	7.339	7439		86.7					744
Wet Bulb	11354591	285914	38.[illegible]	6.970	7436		137.[illegible]					744
Dew Point	2536130	259938	35.[illegible]	7.776	7436		279.[illegible]					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

5771 STATION | MILDENHALL RAF UK STATION NAME | 73-83 YEARS | ALL MONTH | ALL HOURS (L. S. T.)

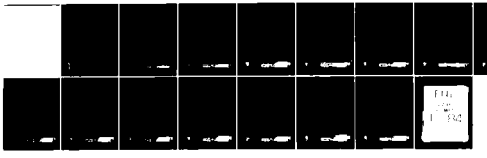
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 95														•				3	3		
4/ 93													•		•	•		12	12		
/ 91											•	•	•	•		•		21	21		
/ 89											•	•	•	•				23	23		
/ 87									•	•	•	•	•					37	37		
/ 85									•	•	•	•						41	41		
4/ 83								•	•	•	•	•	•	•				85	85		
/ 81						•	•	•	•	•	•	•	•	•				199	199		
/ 79						•	•	•	•	•	•	•	•					242	242		
7/ 77					•	•	•	•	•	•	•	•						357	357		
/ 75				•	•	•	•	•	•	•	•							550	550		
24/ 73			•	•	•	•	•	•	•	•								766	766	1	
/ 71			•	•	•	•	•	•	•	•								1006	1006	15	
/ 69			•	•	•	•	•	•	•	•								1518	1518	128	
/ 67	•	•	•	•	•	•	•	•	•									1066	1066	353	10
6/ 65	•	•	•	•	•	•	•	•	•									2108	2108	694	21
4/ 63	•	•	•	•	•	•	•	•	•									5400	5400	1192	465
/ 61	•	•	•	•	•	•	•	•	•									4065	4065	2351	702
/ 59	•	•	•	•	•	•	•	•	•									3441	3441	3029	987
/ 57	•	•	•	•	•	•	•	•										4831	4831	5111	1932
5/ 55	•	•	•	•	•	•	•	•										4997	4999	5019	3378
4/ 53	•	•	•	•	•	•	•	•										5698	5698	5933	4599
/ 51	•	•	•	•	•	•	•											5807	5807	5564	5258
/ 49	•	•	•	•	•	•	•											3959	3959	7124	3576
/ 47	•	•	•	•	•	•	•											5782	5782	6871	5548
4/ 45	•	•	•	•	•	•												8777	8777	6868	10720
4/ 43	•	•	•	•	•	•												5215	5216	6280	6854
/ 41	•	•	•	•	•	•												8380	8381	6036	6367
/ 39	•	•	•	•	•	•												4503	4503	5354	6565
/ 37	•	•	•	•	•													3687	3687	5365	5541
/ 35	•	•	•	•	•													3230	3230	3709	5743
3/ 33	•	•	•	•														2807	2807	4416	4480
/ 31	•	•	•	•														1034	1034	2600	2651
/ 29	•	•	•	•														1076	1076	1343	1743

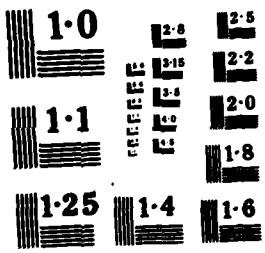
Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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

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




1·0
1·1
1·25
1·4
1·6
2·0
2·2
2·5
1·8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03771 | MILDENHALL RAF UK | 73-87 | ALL
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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
/ 27	.1	.7	.1	.2														836	836	1038	4459
/ 25	.	.2	.1															233	233	654	1724
/ 23	.	.1	.2															78	78	237	986
22/ 21	.	.1																87	87	183	699
/ 19	.	.2																56	56	75	463
/ 17	.	.2																33	33	54	292
/ 15		.																25	25	37	174
/ 13		.																2	2	11	62
1 / 11		.																6	6	6	47
/		.																1	1	1	62
/ 7																					14
/ 5																					3
/ 3																					1
TOTAL	.32	.135	.216	.1	7.6	4.6	2.7	1.3	.6	.2	.1	.1	.0	.0	.0	.1			87641		87634
																		87634		87634	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	492379479	6462083	73.7	13.459	87634							
Dry Bulb	232827378	4412084	50.3	11.254	87640		346.0	592.6	233.6	51.1	1.5	8760
Wet Bulb	193972153	4042681	46.1	9.237	87634		619.8	49.7	.1			8760
Dew Point	160584198	3659288	41.8	9.425	87634		1526.8	1.0				8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035771 MILDENHALL RAF UK 73-83

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	39.5	38.4	40.9	42.9	47.6	53.5	57.4	57.1	54.3	49.1	43.8	40.1	47.1
00-02	S.D.	7.594	6.463	5.428	5.457	5.400	5.055	4.996	5.184	5.491	6.540	7.364	7.485	9.141
	TOTAL OBS	931	846	930	900	930	899	930	930	900	930	900	930	10955
	MEAN	38.9	37.7	40.0	41.7	46.4	52.0	55.8	55.4	52.7	48.0	43.1	39.5	46.0
03-05	S.D.	7.693	6.534	5.451	5.491	5.205	4.823	4.901	5.274	5.618	6.735	7.549	7.741	8.902
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
	MEAN	38.8	37.5	40.5	43.7	50.5	55.9	59.7	58.4	54.3	48.3	43.2	39.6	47.6
06-08	S.D.	7.698	6.455	5.364	5.445	5.560	5.240	5.085	5.086	5.610	6.621	7.490	7.696	9.897
	TOTAL OBS	93	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	40.2	40.2	44.8	49.2	56.2	61.6	65.8	65.2	60.7	53.1	45.9	41.0	52.1
09-11	S.D.	7.388	6.149	5.306	5.821	6.584	6.611	6.281	5.498	5.089	6.037	7.054	7.362	11.272
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	929	10953
	MEAN	42.6	43.1	47.8	52.2	59.3	64.6	69.3	69.0	64.3	56.3	48.7	43.4	55.1
12-14	S.D.	6.921	6.304	5.712	6.682	7.253	7.543	7.248	6.487	5.408	5.815	6.414	6.591	11.705
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
	MEAN	42.1	42.8	47.6	52.1	58.8	64.9	69.8	69.2	64.2	55.4	47.6	42.4	54.8
15-17	S.D.	6.807	6.311	5.912	6.930	7.371	7.771	7.324	6.597	5.740	5.702	6.578	6.593	12.036
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
	MEAN	40.6	40.3	44.2	48.3	55.1	61.6	66.4	64.9	59.4	51.5	45.3	41.1	51.6
18-20	S.D.	7.050	6.174	5.335	6.086	6.642	6.983	6.305	5.872	5.194	5.881	7.114	7.002	11.229
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	39.8	39.0	42.0	44.5	50.0	56.3	60.6	59.4	55.9	49.5	44.1	40.5	48.5
21-23	S.D.	7.304	6.285	5.363	5.500	5.563	5.452	5.060	4.848	5.215	6.325	7.523	7.288	9.695
	TOTAL OBS	931	846	930	900	930	900	930	930	899	930	900	930	10955
	MEAN	40.3	39.9	43.4	46.8	52.9	58.8	63.1	62.3	58.2	51.4	45.2	41.0	50.3
ALL HOURS	S.D.	7.428	6.651	6.201	7.124	7.791	7.834	7.818	7.582	6.919	6.911	7.405	7.339	11.054
	TOTAL OBS	7439	6768	7438	7200	7440	7199	7440	7440	7198	7439	7200	7439	87660

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

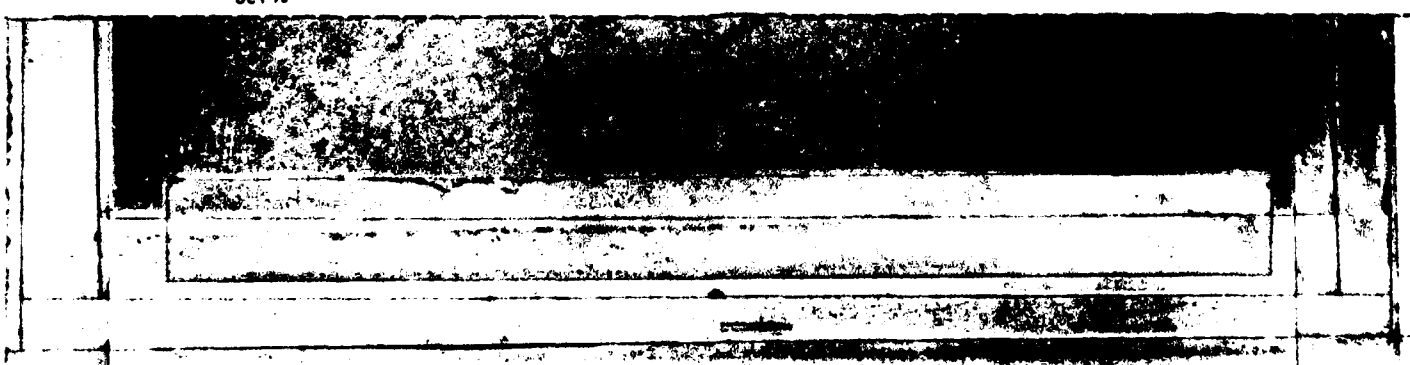
MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

15771 MILDENHALL RAF UK 73-83
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	37.1	36.0	38.4	39.9	44.8	50.5	54.0	54.0	50.9	46.3	41.3	37.8	44.3
0-02	S D	7.134	6.199	5.379	5.013	4.999	4.572	4.458	4.641	5.046	6.217	6.949	7.132	8.640
	TOTAL OBS	931	846	930	900	930	899	930	930	900	930	900	930	10955
	MEAN	36.5	35.4	37.6	39.0	43.9	49.4	52.9	52.8	49.8	45.4	40.7	37.3	43.4
3-05	S D	7.253	6.229	5.435	5.083	4.993	4.510	4.540	4.853	5.173	6.382	7.100	7.321	8.546
	TOTAL OBS	930	846	930	899	930	900	930	930	900	929	900	929	10953
	MEAN	36.4	35.2	38.1	40.7	46.9	52.1	55.6	55.0	51.1	45.7	40.8	37.3	44.6
6-08	S D	7.255	6.169	5.355	4.936	4.768	4.362	4.246	4.444	5.141	6.271	7.069	7.337	9.161
	TOTAL OBS	931	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	37.6	37.4	41.3	44.1	49.8	54.8	58.5	58.4	54.9	49.2	42.9	38.5	47.3
9-11	S D	6.898	5.825	4.984	4.717	5.078	4.997	4.539	3.987	4.278	5.423	6.661	6.988	9.417
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	928	10952
	MEAN	39.3	39.4	43.0	45.4	50.9	56.1	59.7	59.4	56.2	50.7	45.0	40.4	48.8
12-14	S D	6.396	5.867	4.992	5.093	5.288	5.129	4.634	4.179	4.323	5.028	6.013	6.259	9.110
	TOTAL OBS	931	846	930	900	930	900	930	930	899	929	900	929	10953
	MEAN	39.0	39.2	42.6	45.2	50.7	56.1	59.7	59.3	55.9	50.1	44.2	39.7	48.9
15-17	S D	6.359	5.953	5.011	5.181	5.227	5.064	4.528	4.161	4.499	5.011	6.205	6.327	9.251
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
	MEAN	37.8	37.5	40.6	43.2	49.0	54.8	58.5	57.7	53.7	47.9	42.5	38.6	46.9
18-20	S.D.	6.642	5.997	5.092	5.006	5.146	4.900	4.389	4.108	4.503	5.448	6.698	6.743	9.289
	TOTAL OBS	931	846	929	900	930	900	930	930	900	930	900	930	10955
	MEAN	37.2	36.5	39.1	40.9	46.2	52.1	55.8	55.2	51.8	46.6	41.4	38.1	45.1
21-23	S.D.	6.842	6.066	5.320	4.941	4.959	4.634	4.372	4.222	4.822	5.948	7.081	6.986	8.866
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
	MEAN	37.6	37.1	40.1	42.3	47.8	53.2	56.9	56.5	53.0	47.7	42.3	38.4	46.1
ALL HOURS	S.D.	6.926	6.216	5.549	5.507	5.661	5.349	5.092	4.936	5.270	6.043	6.891	6.970	9.237
	TOTAL OBS	7439	6768	7437	7199	7440	7199	7440	7440	7198	7438	7200	7436	87639

USAF ETAC FORM OCT 78 0-99-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

C25771 MILDENHALL 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	33.2	32.4	34.9	36.2	41.6	47.7	51.3	51.5	47.9	43.4	38.2	34.4	41.1
	S D	7.852	7.036	6.477	5.562	5.632	5.168	4.777	4.851	5.486	6.788	7.484	7.977	9.323
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
03-05	MEAN	32.7	31.8	34.3	35.6	41.0	47.1	50.5	50.7	47.1	42.6	37.6	33.9	40.9
	S D	8.028	7.092	6.529	5.629	5.659	5.004	4.842	5.091	5.553	6.923	7.703	8.127	9.337
	TOTAL OBS	93?	846	930	899	930	900	930	930	900	929	900	929	10953
06-08	MEAN	32.7	31.6	34.6	36.8	43.0	48.9	52.4	52.4	48.2	42.9	37.8	34.0	41.3
	S D	7.978	7.058	6.462	5.485	5.373	4.763	4.542	4.723	5.572	6.808	7.687	8.091	9.727
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	33.7	33.3	36.7	38.1	43.4	49.2	53.1	53.2	50.0	45.3	39.4	35.1	42.6
	S D	7.556	6.790	6.190	5.548	6.237	5.700	5.228	4.927	5.268	6.055	7.404	7.775	9.527
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	928	10952
12-14	MEAN	34.9	34.1	37.0	37.6	43.9	49.1	52.6	52.1	49.4	45.2	40.7	36.5	42.7
	S D	7.180	7.168	6.488	6.224	6.652	5.999	5.437	5.403	5.868	6.183	6.996	7.140	9.175
	TOTAL OBS	930	846	930	900	930	900	930	930	899	929	900	929	10953
15-17	MEAN	34.6	34.0	36.4	37.1	42.8	49.0	52.3	51.7	49.0	44.8	40.2	36.0	42.4
	S D	7.236	7.336	6.560	6.309	6.541	5.888	5.511	5.483	5.927	6.159	7.129	7.243	9.221
	TOTAL OBS	93?	846	929	900	930	900	930	930	900	930	900	930	10955
18-20	MEAN	33.8	33.3	35.8	36.9	42.7	49.1	52.5	52.1	48.7	44.2	39.0	35.1	42.0
	S D	7.479	7.176	6.418	5.994	6.214	5.552	5.439	5.026	5.482	6.160	7.404	7.626	9.421
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
21-23	MEAN	33.3	32.6	35.2	36.4	42.3	48.4	52.0	51.8	48.2	43.6	38.1	34.7	41.4
	S D	7.600	7.062	6.523	5.616	5.765	5.245	5.063	4.669	5.468	6.544	7.650	7.825	9.427
	TOTAL OBS	93?	846	930	900	930	900	930	930	899	930	900	930	10955
ALL HOURS	MEAN	33.6	32.9	35.6	36.8	42.5	48.5	52.1	51.9	48.6	44.0	38.9	35.0	41.8
	S D	7.650	7.144	6.525	5.848	6.068	5.475	5.171	5.071	5.645	6.529	7.509	7.776	9.425
	TOTAL OBS	7439	6768	7437	7199	7440	7199	7440	7440	7198	7438	7200	7436	87634

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

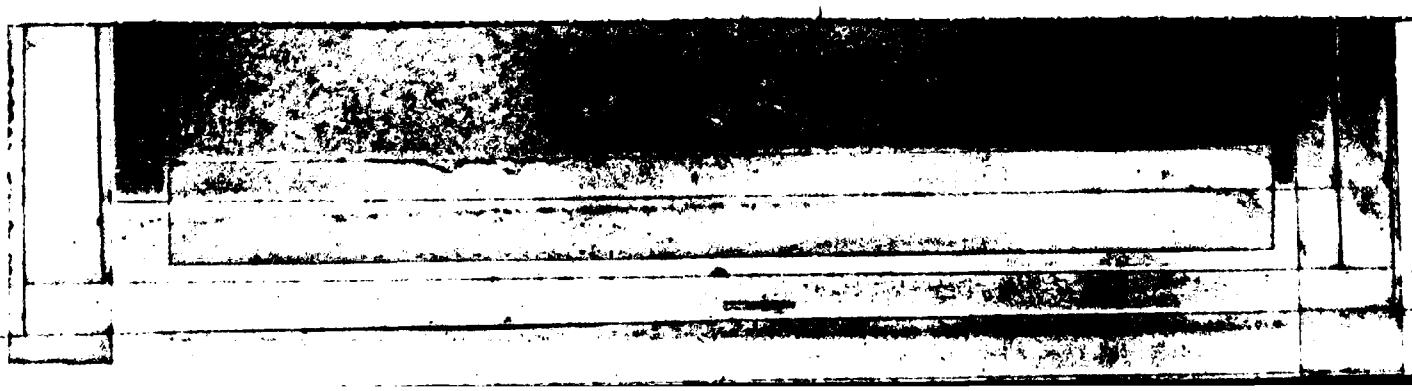
RELATIVE HUMIDITY

[illegible] MILDENHALL RAF UK | 74-83 | JAN
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	00-02	100.0	100.0	100.0	100.0	99.2	96.9	81.0	43.7	9.8	78.6	930
	03-05	100.0	100.0	100.0	100.0	99.6	96.7	81.6	45.2	11.1	78.8	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.6	82.7	42.8	9.6	79.0	930
	09-11	100.0	100.0	100.0	100.0	100.0	97.1	77.2	38.1	9.1	77.8	929
	12-14	100.0	100.0	100.0	100.0	99.2	91.0	65.3	26.7	6.1	74.3	930
	15-17	100.0	100.0	100.0	100.0	99.7	92.3	68.3	30.9	5.8	75.1	930
	18-20	100.0	100.0	100.0	100.0	99.7	95.3	76.1	35.4	6.1	76.9	930
	21-23	100.0	100.0	100.0	100.0	99.6	95.6	79.6	38.0	8.1	77.8	930
TOTALS		100.0	100.0	100.0	100.0	99.6	95.3	76.5	37.6	8.2	77.3	7439

USAPETAC FORM AWS 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

75771	MILDENHALL RAF UK	74-83	FEB
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	96.9	78.0	49.1	13.7	79.5	846
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	79.1	48.1	16.0	79.6	846
	06-08	100.0	100.0	100.0	100.0	99.8	97.2	79.3	49.2	12.9	79.5	846
	09-11	100.0	100.0	100.0	100.0	98.9	94.3	68.4	40.1	11.3	77.0	846
	12-14	100.0	100.0	99.9	99.4	96.0	82.6	51.3	24.2	6.9	71.5	846
	15-17	100.0	100.0	100.0	99.3	96.6	80.9	53.1	25.9	6.0	71.7	846
	18-20	100.0	100.0	100.0	100.0	98.9	93.5	68.1	38.3	9.2	76.4	846
	21-23	100.0	100.0	100.0	100.0	99.9	94.3	73.6	44.3	12.3	78.0	846
TOTALS		100.0	100.0	100.0	99.8	98.8	92.2	68.9	39.9	11.0	76.7	6768

USAFETAC FORM AWS 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35771 MILDENHALL RAF UK 74-83 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	95.2	79.1	49.4	14.0	79.6	930
	03-05	100.0	100.0	100.0	100.0	99.7	95.9	81.1	54.6	15.4	80.4	930
	06-08	100.0	100.0	100.0	100.0	100.0	95.5	79.9	52.2	12.9	80.0	930
	09-11	100.0	100.0	100.0	99.8	97.1	86.3	62.4	31.0	7.9	74.2	929
	12-14	100.0	100.0	100.0	97.4	88.8	69.6	43.0	17.8	2.8	67.5	930
	15-17	100.0	100.0	99.5	96.2	86.5	66.2	42.2	16.1	3.1	66.5	929
	18-20	100.0	100.0	100.0	99.8	96.2	85.0	60.3	27.4	5.2	73.2	929
	21-23	100.0	100.0	100.0	100.0	99.7	92.7	72.8	40.1	9.7	77.4	930
TOTALS		100.0	100.0	99.9	99.2	96.0	85.8	65.1	36.1	8.9	74.9	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.9	96.9	77.1	37.1	7.7	77.5	900
	03-05	100.0	100.0	100.0	100.0	99.9	97.1	82.3	39.7	10.8	79.1	899
	06-08	100.0	100.0	100.0	100.0	99.8	93.9	75.7	34.7	8.6	77.1	900
	09-11	100.0	100.0	99.9	98.6	89.3	68.3	37.7	12.3	2.9	66.5	900
	12-14	100.0	100.0	98.9	91.8	71.9	42.4	19.0	6.2	1.9	58.9	900
	15-17	100.0	100.0	98.1	88.9	70.1	41.8	18.1	6.2	1.8	58.4	900
	18-20	100.0	100.0	99.8	97.0	87.6	67.3	36.7	12.7	2.4	66.0	900
	21-23	100.0	100.0	100.0	99.9	98.3	89.7	64.2	24.3	6.0	73.9	900
TOTALS		100.0	100.0	99.6	97.0	89.6	74.7	51.4	21.7	5.3	69.7	7199



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03577 MILDENHALL RAF UK 74-83 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.4	98.0	83.5	48.0	16.1	80.1	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	87.6	53.8	18.8	81.9	930
	06-08	100.0	100.0	100.0	100.0	98.8	90.0	73.9	33.7	9.6	76.2	930
	09-11	100.0	100.0	99.9	94.8	82.3	56.2	34.7	11.8	1.7	63.5	930
	12-14	100.0	100.0	98.3	86.9	64.1	39.2	21.5	6.2	1.1	57.3	930
	15-17	100.0	100.0	98.5	84.5	64.6	39.4	22.0	6.5	1.8	57.2	930
	18-20	100.0	100.0	99.7	96.1	83.7	59.1	36.5	13.8	2.6	64.5	930
	21-23	100.0	100.0	100.0	99.8	98.8	91.2	71.8	31.5	9.5	75.5	930
TOTALS		100.0	100.0	99.6	95.3	86.5	71.6	53.9	25.7	7.7	69.5	7440

USAFETAC FORM AUG 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

75771 MILDENHALL RAF UK 74-83 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.8	99.2	97.3	89.5	50.4	15.0	80.8	899
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	96.0	62.9	23.2	83.7	900
	06-08	100.0	100.0	100.0	99.9	99.1	94.0	79.7	37.2	11.7	77.7	900
	09-11	100.0	100.0	99.9	97.6	90.9	59.9	33.8	10.4	2.6	64.9	900
	12-14	100.0	99.7	98.4	92.2	74.5	40.1	21.3	7.2	1.2	58.9	900
	15-17	100.0	99.9	97.6	88.9	77.8	41.4	21.6	7.3	1.0	58.2	900
	18-20	100.0	100.0	99.4	96.1	85.9	62.3	36.7	11.2	3.4	64.9	900
	21-23	100.0	100.0	100.0	99.8	98.3	92.0	73.2	29.8	7.1	75.5	900
TOTALS		100.0	100.0	99.4	96.8	89.9	73.3	56.5	27.1	8.2	70.6	7199

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7[illegible]71	MILDENHALL RAF UK	74-83	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									RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	98.0	87.8	45.5	14.0	80.3	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.2	53.9	18.6	82.6	930
	06-08	100.0	100.0	100.0	100.0	99.8	94.7	77.5	34.5	10.4	77.4	930
	09-11	100.0	100.0	99.8	98.6	88.1	61.4	32.6	9.7	2.6	64.8	930
	12-14	100.0	99.6	98.3	90.5	67.0	36.7	17.7	5.1	1.1	57.0	930
	15-17	100.0	99.4	97.0	88.2	62.5	31.9	17.1	5.4	1.2	55.7	930
	18-20	100.0	99.9	98.8	95.5	82.4	51.2	27.8	10.0	1.8	62.4	930
	21-23	100.0	100.0	100.0	99.2	98.0	89.4	67.2	26.5	6.7	74.2	930
TOTALS		100.0	99.9	99.2	96.5	87.2	70.4	52.9	23.8	7.1	69.3	7440

USAFETAC FORM AIR 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

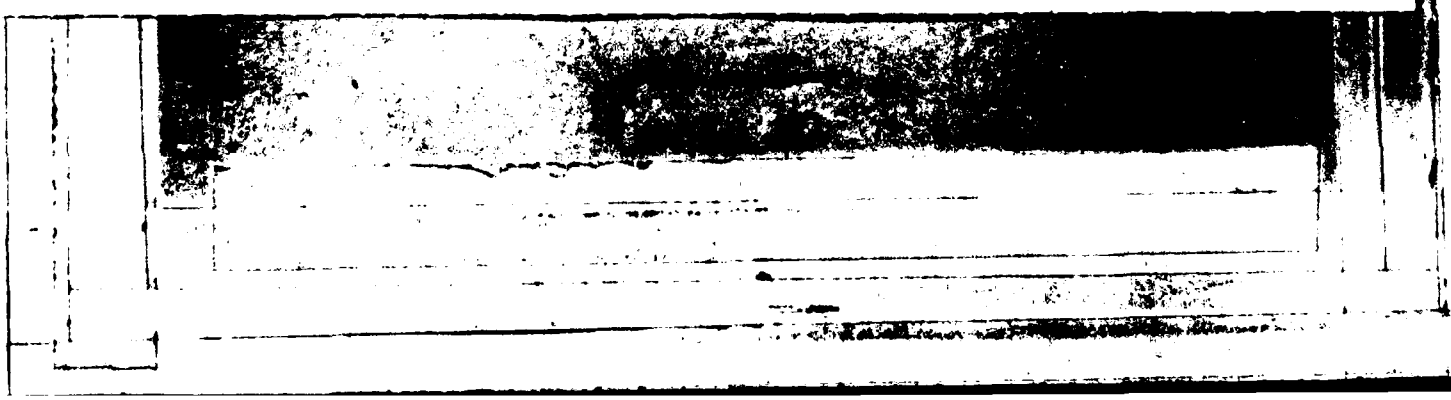
RELATIVE HUMIDITY

03771	MILDENHALL RAF UK	74-83	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.2	92.7	50.8	17.1	81.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.3	61.9	25.3	84.3	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.7	87.5	47.2	15.5	80.6	930
	09-11	100.0	100.0	99.9	98.7	89.7	65.8	38.0	13.4	2.5	66.2	930
	12-14	100.0	100.0	98.6	88.6	62.0	32.9	19.6	6.3	.8	56.6	930
	15-17	100.0	100.0	98.3	85.7	56.7	31.4	19.4	6.5	1.7	55.6	930
	18-20	100.0	100.0	99.9	97.3	84.1	58.6	34.8	13.4	2.6	64.7	930
	21-23	100.0	100.0	100.0	100.0	99.9	94.4	75.8	32.2	6.9	76.5	930
TOTALS		100.0	100.0	99.6	96.3	86.5	72.5	57.9	29.0	9.1	70.8	7440

USAFETAC FORM 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

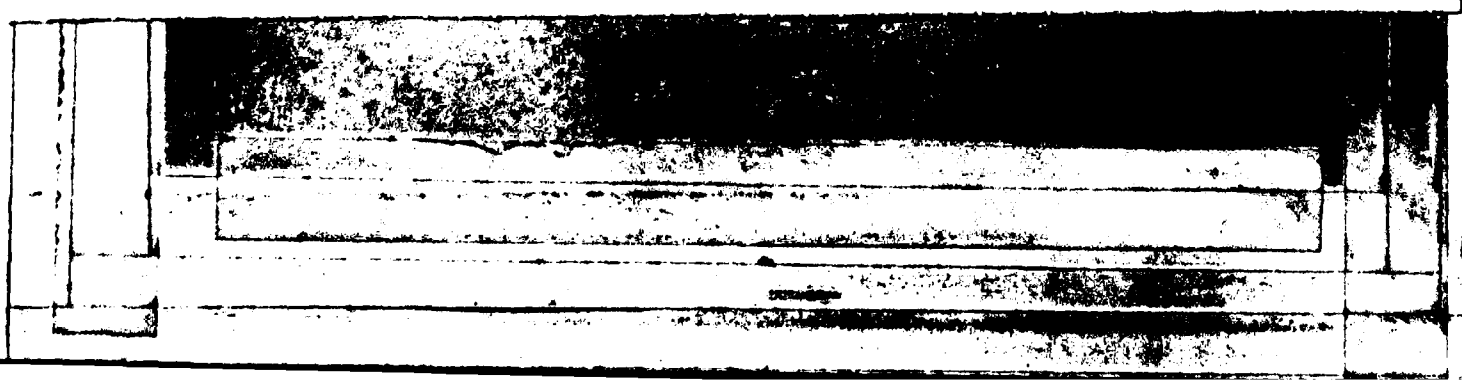
[illegible]71 MILDENHALL RAF UK 74-83 SEP

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%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.8	89.1	39.9	9.2	79.1	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	91.9	51.4	14.9	81.4	900
	06-08	100.0	100.0	100.0	100.0	100.0	97.4	89.1	44.4	11.8	80.0	900
	09-11	100.0	100.0	100.0	99.6	95.4	72.0	46.0	13.4	2.8	68.5	900
	12-14	100.0	100.0	100.0	95.8	74.5	39.4	22.6	8.0	1.6	59.6	899
	15-17	100.0	100.0	100.0	94.6	72.6	41.1	20.8	5.7	1.3	59.0	900
	18-20	100.0	100.0	100.0	99.6	95.3	75.4	45.6	12.6	3.7	68.6	900
	21-23	100.0	100.0	100.0	100.0	100.0	94.4	77.9	28.8	5.7	75.9	899
TOTALS		100.0	100.0	100.0	98.7	92.2	77.2	60.4	25.5	6.4	71.5	7198

USAFETAC FORM JUL 84 0-87-5 (OL A)



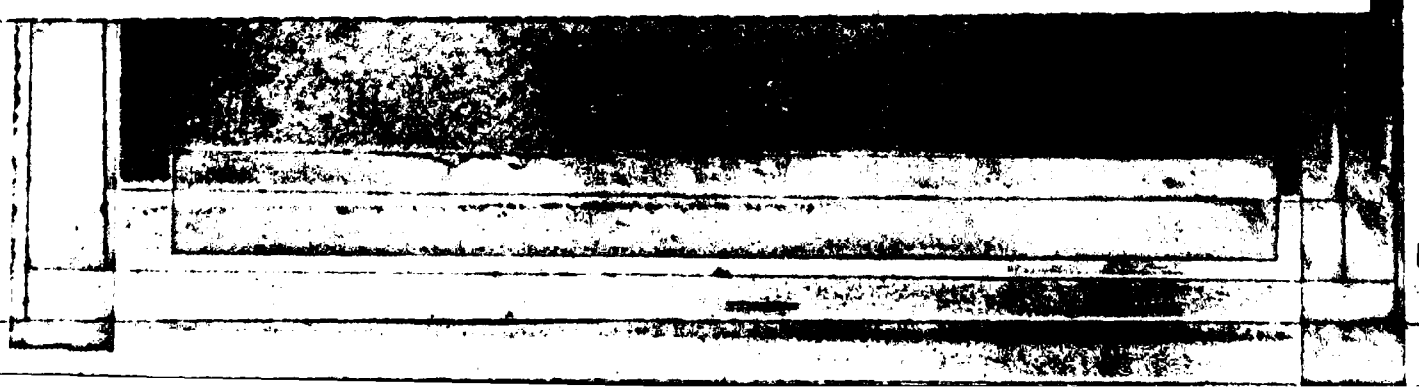
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

75771	MILDENHALL RAF UK	74-83	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.5	91.4	52.6	11.9	81.0	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	93.8	55.3	15.0	81.8	929
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	92.5	58.0	14.3	81.7	930
	09-11	100.0	100.0	100.0	100.0	99.6	91.8	74.2	29.1	5.7	75.4	930
	12-14	100.0	100.0	100.0	99.9	93.5	67.3	41.0	13.2	2.6	67.1	929
	15-17	100.0	100.0	100.0	99.8	94.2	74.7	47.2	14.8	2.2	68.5	930
	18-20	100.0	100.0	100.0	100.0	99.8	95.3	79.1	30.5	5.9	76.4	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	90.3	47.1	10.8	80.1	930
TOTALS		100.0	100.0	100.0	100.0	98.4	90.8	76.2	37.6	8.6	76.5	7438



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

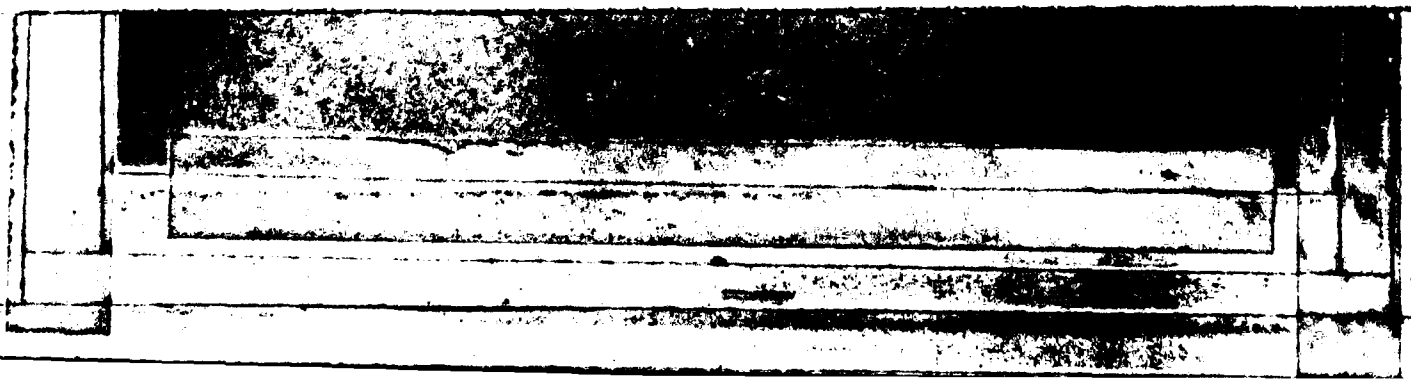
[illegible]71 MILDENHALL RAF UK 74-83 NOV

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	98.9	85.2	51.8	17.0	81.0	900
	03-05	100.0	100.0	100.0	100.0	99.9	98.6	86.0	54.7	16.4	81.3	900
	06-08	100.0	100.0	100.0	100.0	100.0	98.4	85.9	53.7	17.1	81.3	900
	09-11	100.0	100.0	100.0	100.0	99.6	96.2	82.1	40.6	10.9	78.5	900
	12-14	100.0	100.0	100.0	99.7	99.0	91.0	67.2	26.0	8.6	74.4	900
	15-17	100.0	100.0	100.0	99.9	99.6	92.9	73.3	30.9	7.2	75.8	900
	18-20	100.0	100.0	100.0	100.0	99.7	96.8	83.3	41.6	11.9	78.9	900
	21-23	100.0	100.0	100.0	100.0	99.9	97.9	86.0	45.4	12.6	79.8	900
TOTALS		100.0	100.0	100.0	100.0	99.7	96.3	81.1	43.1	12.7	78.9	7200

USAFETAC FORM [illegible] 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]771 MILDENHALL 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	98.2	84.6	48.8	14.3	80.4	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.6	84.7	49.3	15.0	80.5	929
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	85.3	50.4	14.4	80.6	930
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	82.4	46.6	12.8	79.6	928
	12-14	100.0	100.0	100.0	100.0	100.0	94.7	73.3	35.7	9.4	77.0	929
	15-17	100.0	100.0	100.0	100.0	99.9	96.8	78.0	38.7	10.3	78.2	930
	18-20	100.0	100.0	100.0	100.0	99.9	98.3	80.6	43.1	12.2	79.4	930
	21-23	100.0	100.0	100.0	100.0	100.0	97.5	83.3	46.6	12.3	80.0	930
TOTALS		100.0	100.0	100.0	100.0	100.0	97.7	81.5	44.9	12.6	79.5	7436

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]771 MILDENHALL RAF UK 73-83 ALL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.6	95.3	76.5	37.6	8.2	77.3	7439
FEB		100.0	100.0	100.0	99.8	98.8	92.2	68.9	39.9	11.0	76.7	6768
MAR		100.0	100.0	99.9	99.2	96.0	85.8	65.1	36.1	8.9	74.9	7437
APR		100.0	100.0	99.6	97.0	89.6	74.7	51.4	21.7	5.3	69.7	7199
MAY		100.0	100.0	99.6	95.3	86.5	71.6	53.9	25.7	7.7	69.5	7440
JUN		100.0	100.0	99.4	96.8	89.9	73.3	56.5	27.1	8.2	70.6	7199
JUL		100.0	99.9	99.2	96.5	87.2	70.4	52.9	23.8	7.1	69.3	7440
AUG		100.0	100.0	99.6	96.3	86.5	72.5	57.9	29.0	9.1	70.8	7440
SEP		100.0	100.0	100.0	98.7	92.2	77.2	60.4	25.5	6.4	71.5	7198
OCT		100.0	100.0	100.0	100.0	98.4	90.8	76.2	37.6	8.6	76.5	7438
NOV		100.0	100.0	100.0	100.0	99.7	96.3	81.1	43.1	12.7	78.9	7200
DEC		100.0	100.0	100.0	100.0	100.0	97.7	81.5	44.9	12.6	79.5	7436
TOTALS		100.0	100.0	99.8	98.3	93.7	83.2	65.2	32.7	8.8	73.8	87634

USAFETAC FORM AWS 04 0-87-5 (OL A)

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

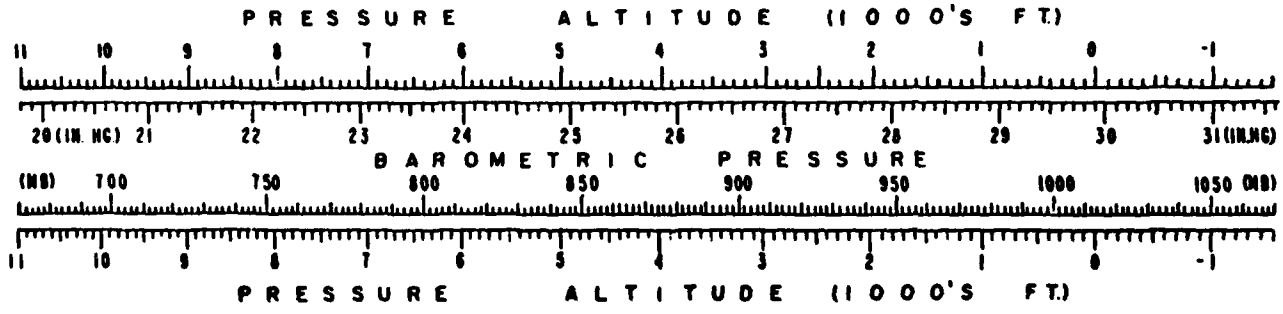
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

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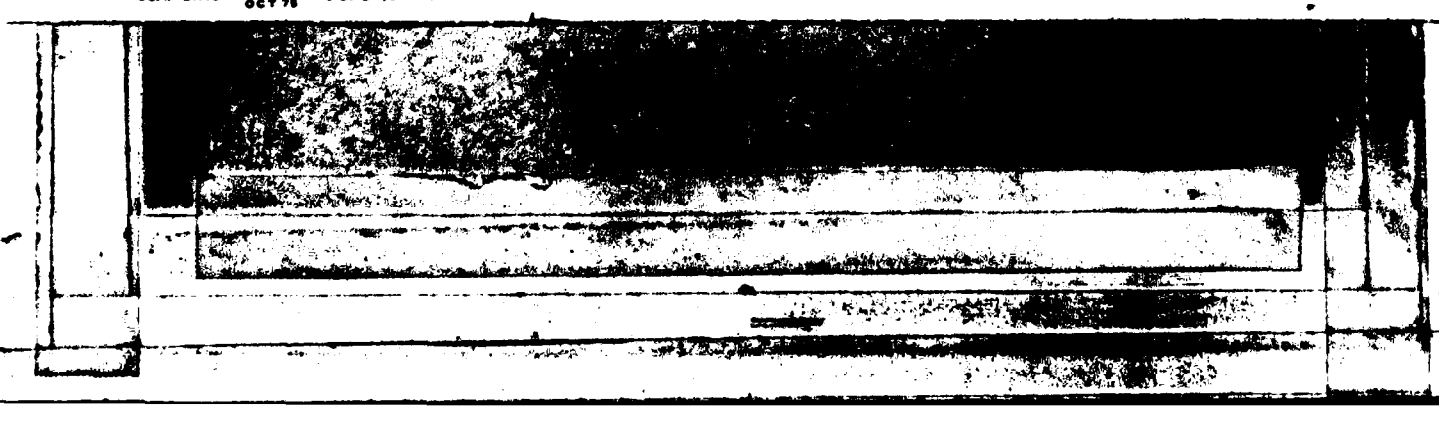
MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

?75?71 (STATION) MILDENHALL RAF UK (STATION NAME) 73-83 (YEARS)

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
00	MEAN	29.914	29.925	29.833	29.974	29.919	29.978	29.980	29.986	29.925	29.868	29.929	29.826	29.921
	S.D	.386	.401	.342	.286	.251	.220	.184	.198	.283	.323	.346	.453	.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.905	29.915	29.820	29.961	29.907	29.968	29.968	29.975	29.915	29.857	29.918	29.820	29.910
	S.D	.389	.400	.341	.285	.252	.222	.187	.200	.285	.320	.348	.448	.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.893	29.913	29.818	29.964	29.914	29.973	29.971	29.979	29.915	29.856	29.913	29.813	29.910
	S.D	.394	.403	.342	.286	.254	.226	.190	.204	.288	.320	.347	.445	.322
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.907	29.931	29.830	29.977	29.922	29.981	29.978	29.990	29.929	29.874	29.931	29.829	29.923
	S.D	.399	.406	.346	.286	.255	.228	.192	.206	.294	.321	.348	.441	.323
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.903	29.930	29.828	29.971	29.915	29.974	29.971	29.982	29.921	29.870	29.921	29.829	29.917
	S.D	.401	.405	.341	.283	.254	.225	.189	.203	.291	.318	.352	.438	.321
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
15	MEAN	29.887	29.908	29.810	29.955	29.904	29.961	29.960	29.968	29.905	29.854	29.904	29.816	29.902
	S.D.	.400	.402	.337	.280	.252	.221	.184	.197	.285	.316	.355	.435	.319
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.899	29.918	29.818	29.957	29.903	29.957	29.954	29.963	29.908	29.867	29.919	29.826	29.907
	S.D.	.400	.402	.337	.281	.249	.219	.180	.193	.280	.317	.352	.438	.317
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
21	MEAN	29.910	29.926	29.831	29.978	29.925	29.976	29.973	29.986	29.926	29.875	29.930	29.827	29.921
	S.D.	.393	.401	.339	.283	.249	.221	.180	.195	.281	.321	.351	.448	.319
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.902	29.921	29.823	29.967	29.914	29.971	29.969	29.979	29.918	29.865	29.921	29.823	29.914
	S.D.	.395	.402	.340	.284	.252	.223	.186	.199	.286	.319	.350	.443	.320
	TOTAL OBS	2480	2255	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29215

USAF ETAC FORM OCT 79 0-89-5 (OL A)




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