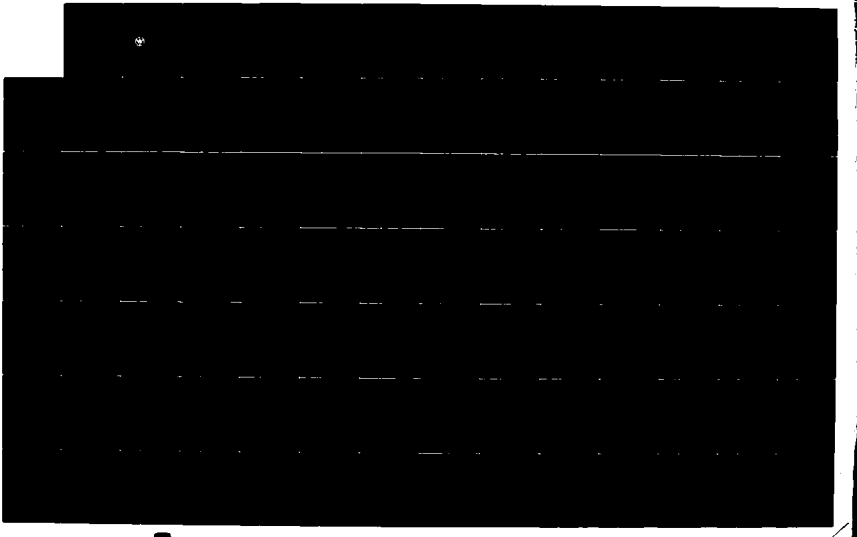
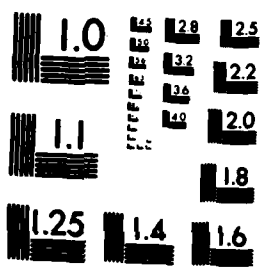
AD-A187 851 BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE 1/3
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
UNCLASSIFIED NOV 87 USAFETAC/DS-87/070 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
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OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BRIZE NORTON RAF UK MSC 036490
N 51 45 W 001 35 ELEV 285 FT EGVN

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: AUG 51 - NOV 55,
AUG 56 - MAR 65

NOV 10 1987

"Approved for public release;
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FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

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REPORT DOCUMENTATION PAGE

1a. **Report Security Classification:** UNCLASSIFIED

3. **Distribution/Availability of Report:** Approved for public release; Distribution unlimited.

4. **Performing Organization Report Number:** USAFETAC/DS-87/070.

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6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Brize Norton RAF UK.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Aug 51-Nov 55, Aug 56-Mar 65.

14 **Date of Report:** Nov 87

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Brize Norton RAF UK; United Kingdom; UK036490.

BRIZE NORTON RAF UK

19 **Abstract:** A six-part statistical data summary of surface weather observations for: ~~Zaragoza AB Spain.~~ Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.

20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: BRIZE NORTON RAF UK

STATION NUMBER: 036490

CALL ID: EGVN

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000 - 2300 LST

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: AUG 51 - NOV 55, AUG 56 - MAR 65*

TIME CONVERSION LST TO GMT: 0

DATE PRODUCED: 5 NOV 87

* NO AWS FROMS ID/IDA AVAILABLE AFTER MAR 1965.

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DTIC TAB ☐
Unannounced ☐
Justification
By
Distribution/
Availability Codes
Dist | Avail and/or Special
A-1

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FORM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.
HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION NO ON SUMMAF	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
036490	Brize Norton RAF, UK	51° 45' N	001° 35 W	285	EGVN	

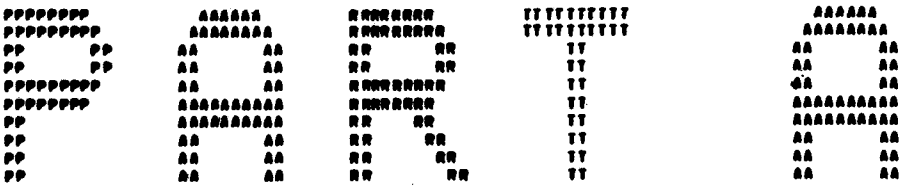
STATION LOCATION AND INSTRUMENTATION HISTORY

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	Brize Norton RAF UK	RAF	Apr 51	Jul 51	51 45 N	001 35 W	283	283	0
2	Same	RAF	Aug 51	Apr 55	Same	Same	Same	Same	24
3	Same	RAF	May 55	Dec 55	Same	Same	Same	277	24
4	Same	RAF	Dec 55	Jul 56	Same	Same	Same	Same	Deact
5	Same	RAF	Aug 56	Nov 56	Same	Same	284	Same	13
6	Same	RAF	Dec 56	Mar 57	Same	Same	Same	Same	24
7	Same	RAF	Apr 57	Feb 61	Same	Same	287	294	24
8	Same	RAF	Mar 61	Mar 64	Same	Same	Same	336	24
9	Same	RAF	Apr 64	Apr 65	Same	Same	Same	300	24
10	Same	RAF	Apr 65		Same	Same	285	Same	Deact
11	Same	RAF	Apr 65	Jul 87	Same	Same	Same	Same	24*

*Obs taken by RAF personnel.

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	Mar 53	Atop control tower	AN/GMQ-1	None	50	
2	Mar 54	Atop hangar 75 Ft W of WX Stn	Same	None	52	
3	May 55	Same	Same	None	70	
4	Sep 56	Atop hangar 29 100 Ft W of WX Stn	Same	None	75	
5	Apr 57	1/2 mi S of WX station	AN/GMQ-11	None	13	
6	Apr 58	Same	Same	GMQ-11	15	
7	Jul 87	Unknown	Unknown	Unknown	Unknown	

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	



WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	ISTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]		14.2		4.1		17.2	13.2	6.9			22.1	796
[illegible]		14.4	.1	4.5		17.6	14.4	8.5			22.9	799
[illegible]		14.3	.3	5.4		18.1	14.1	8.4			22.5	799
[illegible]		14.2		6.5		20.0	12.5	7.6			20.3	794
12-14	.1	15.5	.1	6.1	.1	19.9	6.7	10.2			16.9	793
[illegible]		13.6		5.4		18.4	7.1	11.2			18.3	798
[illegible]		11.1		2.9		13.0	12.0	11.1			23.1	800
[illegible]		12.0		2.8	.1	14.3	15.3	9.3			24.5	799
TOTALS	.0	13.7	.1	4.7	.0	17.3	11.9	9.4			21.3	6378

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: FEB

HOURS (LST)	ISTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]		12.4	1.2	3.1		16.8	15.1	16.8			31.9	667
[illegible]		12.9	.3	3.9		17.0	17.1	18.3			35.4	672
[illegible]		13.3	1.1	4.1		17.6	19.6	17.7			37.3	678
[illegible]		12.1	.4	5.0		17.4	14.6	22.2			36.9	677
12-14		15.2		4.5		19.6	4.9	19.3	.4		24.5	673
[illegible]		14.7		5.2	.1	19.8	3.4	18.1	.4		22.8	667
[illegible]		11.5		3.3		14.4	7.1	16.7	.4		26.3	672
[illegible]		12.6	1.1	2.9		16.6	13.6	16.6			30.3	674
TOTALS		13.1	.5	4.3	.2	17.2	11.7	16.5	.2		30.6	5380

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	THSMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]-02		15.7		1.1		16.6	10.9	10.0			20.9	740
[illegible]-05		19.0		2.3		23.2	15.7	9.9			25.6	738
[illegible]-08		20.6		3.9	.1	23.3	14.4	10.7			25.1	741
[illegible]-11		22.0		3.8		24.7	3.6	12.2			15.8	740
12-14	.1	22.4		2.3	.3	24.6	.1	7.8			7.9	732
15-17		22.6		1.8	.1	24.1	.3	7.6			7.8	740
18-20		16.8		1.2	.3	18.1	1.6	8.7			10.3	739
21-23		15.6		1.6		16.7	4.7	9.3			14.0	743
TOTALS	.0	19.3		2.3	.2	21.2	6.4	9.5			15.9	5913

STATION NUMBER: 0[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	THSMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]-02		13.4		1.3		13.8	5.7	11.4			17.1	718
[illegible]-05		14.7		.6		12.1	12.6	11.7			24.3	717
[illegible]-08		10.7		.7		11.3	12.7	15.2			27.8	719
[illegible]-11		10.5		.6		10.7	2.2	12.6			14.8	717
12-14		11.3			.1	11.4	.1	6.2			6.3	710
15-17	.1	11.6		.3	.1	12.0	.1	4.3			4.5	717
[illegible]-20	.4	14.7		.8		14.9	.7	6.1			6.8	722
[illegible]-23		9.4		1.3		9.7	2.1	8.3			10.4	713
TOTALS	.1	11.1		.7	.0	11.7	4.5	9.5			14.3	5733

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	11.7		.1		11.9	9.9	11.1			20.9	741
03-05		11.7				11.7	22.3	11.7			34.1	743
06-08	.1	13.0				13.0	13.7	15.5			29.2	746
09-11		14.6				14.6	1.1	11.9			13.0	741
12-14	.5	10.0		.1		10.1		7.9			7.9	737
15-17	.7	15.0		.5	.3	15.4		6.6			6.6	740
18-20	.7	12.3				12.3	.1	6.0			6.1	739
21-23	.1	12.5		.3		12.5	3.0	9.0			12.0	743
TOTALS	.3	13.5		.1	.0	13.5	6.3	10.0			16.2	5930

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.6	12.0				12.5	6.1	14.2			20.3	706
03-05	.3	11.7				11.7	16.6	13.5			30.1	712
06-08		11.9				11.9	6.9	14.3			21.2	706
09-11		1.2				1.2		6.7			8.7	713
12-14	.4	4.6				4.6	.1	4.1			4.2	709
15-17	.1	7.0				7.0	.1	3.4			3.5	711
18-20	.4	12.4				12.4		2.8			2.8	702
21-23		7.9				7.9	1.7	0.5			10.2	705
TOTALS	.4	10.0				10.0	7.9	6.7			12.6	5664

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUL

HOUR (LST)	THUNDER	RAIN &/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LOWEST TO VISION	TOTAL OBS
[illegible]	.6	9.4				9.4	3.5	14.3			17.8	721
[illegible]	.3	7.8				7.8	13.0	17.0			30.0	729
[illegible]	.7	10.3				10.5	5.7	17.5			23.2	716
[illegible]	.7	7.6				7.8	.4	10.4		.1	11.0	728
[illegible]	.4	6.4				6.4	.1	6.6			6.8	723
[illegible]	.1	6.4				6.4		4.8			4.8	734
[illegible]	.1	7.2				7.2		5.7			5.7	725
[illegible]	.1	7.6				7.8	1.1	10.9			12.0	722
TOTAL	.4	7.8				7.8	3.0	10.9		.0	13.9	5798

STATION NUMBER: [illegible] STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: AUG

HOUR (LST)	THUNDER	RAIN &/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/LOWEST TO VISION	TOTAL OBS
[illegible]	.1	11.1				11.1	4.5	18.8			23.3	799
[illegible]	.1	12.1				12.1	14.9	16.6			30.8	821
[illegible]	.4	13.6				13.6	13.8	13.6			27.4	806
[illegible]	.1	9.9				9.9	1.1	12.2			13.2	818
[illegible]	.1	6.6				6.8		6.6			6.6	818
[illegible]	.1	6.6				11.6	.1	6.3			6.4	811
[illegible]	.1	9.6				9.8	.9	8.8			9.7	803
[illegible]	.4	7.1				7.2	2.1	12.1			14.1	808
[illegible]	.1	10.4				10.4	4.7	11.6			16.5	6484

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]	.5	10.3				10.3	10.9	12.1			23.0	796
[illegible]	.1	11.6				11.8	20.6	8.4			29.2	798
[illegible]		10.8				10.8	20.6	8.2			28.8	793
[illegible]		8.8				8.8	2.8	11.4			14.1	799
12-14	.1	9.4				9.4	.1	7.7			7.9	802
15-17	.1	8.2			.1	8.3	.1	8.4			8.6	805
18-20	.3	9.7				9.7	.8	12.3			13.1	796
21-23	.6	10.1				10.1	2.6	15.6			18.2	796
TOTALS	.2	9.9			.0	9.9	7.3	10.5			17.9	6385

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
[illegible]		12.9				12.9	17.2	9.6			26.8	835
[illegible]		12.6				12.6	22.3	7.6			29.5	833
[illegible]		13.9				13.9	21.9	9.3			31.3	835
[illegible]		12.2				12.2	9.9	11.6			20.5	831
12-14		12.3				12.3	1.6	8.6			10.1	829
15-17	.1	14.2				14.2	.5	9.4			9.9	830
[illegible]	.1	12.1				12.1	3.7	11.0			14.7	835
[illegible]		11.1				11.1	9.6	11.0			20.6	831
TOTALS	.0	12.7				12.7	11.7	9.8			21.4	6659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
[illegible]		15.8		.1		15.9	14.2	9.6			23.8	804
[illegible]		14.0		.2		14.0	15.6	7.9			23.6	806
[illegible]		14.3		.5		14.3	17.8	6.2			24.1	802
[illegible]		13.6		.5		13.7	12.2	7.7			20.1	801
[illegible]		14.1		.5		14.6	9.9	8.7			23.6	803
[illegible]	.1	16.8				16.8	6.3	9.6			25.9	805
[illegible]		16.1		.1		16.1	8.1	10.9			29.0	801
[illegible]		13.4		.1		13.6	11.9	9.7			21.6	804
TOTALS	.1	14.8		.3		14.9	11.4	8.8			23.2	6426

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
[illegible]		15.8	.2	1.1		16.9	18.2	5.8			23.9	831
[illegible]	.1	17.5		1.9		19.1	16.9	7.0			23.9	829
[illegible]		20.1		2.3		22.0	17.5	5.8		.1	23.4	829
[illegible]		17.6		2.7		20.1	15.9	5.2			21.1	830
[illegible]		14.8		2.3		16.9	8.6	6.8			17.4	829
[illegible]		16.8		1.9	.1	18.6	8.5	10.3			19.1	822
[illegible]		18.0		2.0		19.8	15.1	7.2			23.3	830
[illegible]		17.5		1.2		19.0	17.2	6.7			23.9	832
TOTALS	.	17.3	.0	1.9	.0	19.2	14.7	7.1		.0	21.9	6632

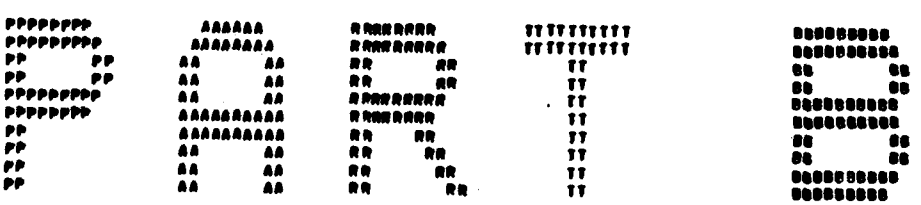
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03685 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZNG RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
ALL	.1	13.7	.1	4.7	.0	17.3	11.9	9.4			21.3	6378
FEB		13.1	.5	4.8	.0	17.3	11.9	16.5	.2		30.6	5380
MAR	.0	14.3		2.3	.2	21.0	6.4	9.5			15.9	5913
APR	.1	11.4		.7	.0	11.5	4.5	9.5			14.0	5733
MAY	.3	13.5		.1	.0	13.9	6.3	10.0			16.2	5930
JUN	.4	10.8				10.8	3.9	6.7			12.6	5664
JUL	.4	7.6				7.6	3.0	10.9		.0	13.9	5798
AUG	.3	10.4				10.4	4.7	11.8			16.5	6484
SEP	.2	9.9			.0	9.9	7.3	10.5			17.9	6385
OCT	.0	12.7				12.7	10.7	9.8			20.4	6659
NOV	.2	14.6		.3		14.9	11.4	8.8			20.2	6426
DEC	.0	17.3	.0	1.9	.3	19.0	14.8	7.1		.0	21.9	6632
TOTALS	.1	12.9	.1	1.2	.1	13.8	8.1	10.4	.0	.0	18.5	73382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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

PART C

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03045? STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.2	.5	1.		.4	.1					3.9	10.3
NNE	.9	.3	1.?	.								3.0	7.8
NE	.4	.9	1.3	1.	.4	.4						4.3	10.8
ENE	.5	1.5	.	.	.9							4.6	8.6
E	1.2	.6	.6	1.9	.3							4.4	9.3
ESE	1.?	.9	.9	.	.1							2.8	6.7
SE	.?	.9		.?								1.3	5.2
SSE	1.1		.3	.	1.0							3.0	10.8
S	.?	.5	1.1	.	.5	.1						3.3	10.2
SSW	.?	.?	1.?	1.?	1.1							4.6	10.8
SW	1.1	2.9	3.?	?.?	1.5	.2						12.9	10.2
WSW	2.?	1.2	7.7	4.9	1.5	.?						22.0	9.0
W	?.1	3.1	3.1	3.	.6	.?						14.3	8.8
WNW	.9	1.?	.?	1.?	.?	.1						3.8	9.9
NW	.9	.1	1.9	.?	.2							3.0	9.7
NNW	.1	.5	.5	.	.1							2.9	9.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03645C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	.6	.8	1.4	.1		.4					4.1	10.4
NE	.4	.3	1.0	1.9		.4						3.9	11.4
E	.5	.9	1.1	.8	.4							3.6	8.7
SE	.4	.6	1.7	.6	.8							3.6	10.5
S	1.0	1.3	.9	1.1	.3							4.5	7.7
SW	.7	.4	1.1	.4	.1							2.3	8.4
W	.5	.6	.4	.1								1.6	6.2
NW	.6	.4	.4	.6	.1	.7	.1					2.5	11.0
CALM	.4	.6	.8	.9	.5	.1						3.3	10.5
VAR	.3	1.4	.9	.9	.4	.4						4.6	9.5
ALL	1.3	2.3	3.4	3.6	.9	.7	.1					11.5	10.1
NNE	2.9	4.0	7.8	5.7	1.5	.5						23.3	9.1
ENE	2.8	2.5	3.8	3.9	.6	.1						13.6	8.4
ESE	.7	.9	1.7	2.1	.5	.1						5.1	10.6
SSE	.5	.6	.4	1.2	.1							3.2	8.5
SSW	1.2	.4	.6	1.1	.1							3.3	7.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (TO)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
*	.4	.1	1.2	1.2		.2	.1					3.9	11.5
NNE	1.2	1.3	1.7	.9	.1	.2						4.8	8.2
NE	.3	.4	1.6	.4	.4							3.1	9.6
ENE	.9	1.4	1.1	1.2	1.3	.1						6.3	9.9
E	.8	.8	.4	.2	.4							2.8	8.2
ESE	.6	.6	.3	.1								1.8	5.1
SE	.5	.6	.8	.1		.1						2.1	7.5
SSE	1.2	.1	.3	.5	.1							2.2	7.4
S	.2	1.1	.8	.4	.1							3.4	7.3
SSW	.3	.2	1.4	1.6	.4							5.1	8.8
SW	1.4	2.5	3.8	4.2	1.0	.2						13.1	9.8
WSW	1.4	4.2	5.4	6.6	1.4	.2	.5					20.7	10.3
W	2.2	1.6	4.2	3.1	.8	.1						12.4	9.1
WNW	.2	.5	1.3	2.2	.2							5.4	10.3
NW	.6	.5	1.8	1.0								3.9	8.1
NNW		.2	1.6	.1								2.8	9.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.6	//////
TOTALS	13.6	18.2	28.2	28.1	6.1	1.2	.4					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03493 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.6	1.5	1.[illegible]	.4	.4						5.7	10.1
NNE	.9	1.0	1.1	.[illegible]								3.8	6.9
NE	.6	.8	1.8	.6	.3							4.0	8.5
ENE	.6	1.4	1.4	1.7	.9							5.5	9.8
E	1.5	.6	.4	.[illegible]	.1	.1						3.1	6.1
ESE	.5	1.0	.8		.4							2.6	7.4
SE	.5	.3	1.0	.4								2.1	7.1
SSE	.9	.3	.5	.6	.1							2.3	6.9
S	1.1	1.4	1.1	.[illegible]	.5	.3						5.2	8.9
SSW	.8	1.1	1.4	1.[illegible]	.4							5.4	9.2
SW	1.4	2.3	3.5	5.3	.9	.3						13.6	10.1
WSW	1.3	3.7	5.3	4.9	1.5	.1	.1					16.9	10.0
W	1.5	1.9	3.7	4.[illegible]	1.1	.9						13.6	10.7
WNW	1.[illegible]	1.[illegible]	.8	2.[illegible]	1.4	.1	.3					6.5	12.2
NW	.3	.6	1.3	1.1	.1							3.3	9.1
NNW	.5	.3	1.1	1.[illegible]								2.9	8.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 79-86
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.9	2.6	2.9	.1	.2						7.4	11.3
NNE	.8	.3	.5	1.1	.1							2.8	8.1
NE	.3	.9	1.6	1.9	.4							4.7	9.6
ENE	.8	.6	1.4	1.4	.5	.1						4.8	10.1
E	1.0	.9	.4		.6							2.9	7.7
ESE	.8	.7	1.0	.5								2.6	7.1
SE	.4	.1	.5	.5								1.5	8.3
SSE	.5	.3	1.0	.6								2.4	8.1
S	.5	1.7	1.0	1.1	.1	.7						4.3	9.2
SSW	.6	1.0	1.4	2.5	.6	.5						6.9	11.3
SW	.5	1.6	3.4	4.5	.5	.7						10.8	10.7
WSW	.7	1.7	6.2	5.7	2.1	.8						16.9	11.5
W	.5	1.6	4.5	5.1	3.7	1.0						15.9	12.9
WNW	.4	.1	1.0	2.5	1.3	.6						5.9	14.2
NW	.3	.1	1.8	1.4	1.1	.4						5.3	13.2
NNW	.3	.4	1.0	1.1	.1	.1						2.9	10.4
VARIABLE	.1											.1	2.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (TENTHS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.0	2.6	1.9	.6	.7						6.9	10.2
NNE	.1	1.3	1.6	.3	.1							3.4	7.8
NE	.6	.4	1.5	.4	.1							3.0	7.5
ENE	.4	.5	.8	1.2	.9	.4						4.1	12.5
E	1.1	.3	1.6	1.1	.1							4.3	8.4
ESE	1.4	.6	.9	.1								2.9	5.3
SE	.1	.4	.5	.6								1.6	8.8
SSE	.9	.7	.5	.5	.3							2.6	8.2
S	.5	2.7	.8	1.7	.5							5.3	8.3
SSW	.9	1.8	2.0	1.0	.1	.1						6.6	8.2
SW	.9	1.6	3.3	3.7	.6	.4						10.0	10.2
WSW	1.4	2.0	5.1	6.7	1.8	.9						17.2	11.1
W	1.8	1.6	4.1	4.4	1.9	.5						14.2	10.7
WNW	.2	1.0	.9	2.1	1.4	.4	.1					6.0	13.3
NW	.7	.9	1.4	1.9	.4	.3						4.6	11.2
NNW	.5	.8	1.5	2.3		.1	.3					5.4	10.9
VARIABLE													
CALM	//////////////

USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.7	1.6	1.1	1.0		.4					6.3	11.1
NNE	.5	.1	1.2	.1	.5							3.3	9.8
NE	.6	.8	1.0	.4	.4	.1						3.4	9.1
ENE	.6	.7	.6	.5	.6							2.9	10.3
E	1.9	1.0	.8	1.1	.4							5.3	8.6
ESE	.4	.1	.9	.5								2.3	7.2
SE	.3	.8		.3	.1							2.3	6.3
SSE	1.3	.5	.5	.4								3.0	6.6
S	1.7	.9	1.8	.4	.4							4.6	7.3
SSW	.9	1.3	1.9	1.1	.1							5.5	8.3
SW	1.1	3.1	3.1	3.1	.9	.1						12.3	9.5
WSW	1.5	2.8	5.8	5.1	1.1	.9						18.3	9.9
W	2.4	3.1	5.1	2.1	.9	.5						14.9	8.8
WNW	.3	.3	1.4	.5	.4	.1						3.9	10.1
NW		1.1	1.0	1.1	.4							4.0	10.0
NNW	.3	1.6	1.3	.1	.1							4.0	7.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 336490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.6	.8	1.2	.4	.1	.2					5.1	10.0
NNE	.6	.9	1.1	.9		.1						3.6	8.3
NE	1.2	.6	1.2	.4	.4	.1						4.1	8.7
ENE	.7	.5	1.1	1.4	.4	.4						4.0	11.7
E	1.4	.5	.4	1.6	.1							4.0	8.0
ESE	.6	.6	.8	.5								2.5	7.4
SE	.5	.1	.3									.9	4.1
SSE	.5	.3	.1	.4	.4							2.1	10.0
S	.9	.5	1.2	.6	.5	.1						4.0	9.3
SSW	1.1	.9	2.1	2.1	.4							6.6	9.2
SW	1.6	3.6	3.0	3.1	1.5	.3						13.1	9.2
WSW	1.8	4.5	5.8	6.7	1.5	.5						20.3	9.9
W	2.5	3.0	4.5	2.6	.5	.4						14.0	8.1
WNW	.5	.5	1.0	1.2	.4	.1						3.5	10.0
NW	.2	.6	1.2	.7	.3							2.9	9.5
NNW	.2	1.1	1.9	1.5	.3							4.5	8.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.9	1.4	1.-	.3	.1	.2					5.4	10.6
NNE	.6	.7	1.1	.-	.1	.1						3.6	8.6
NE	.5	.7	1.4	.7	.3	.1						3.8	9.1
ENE	.6	.9	1.1	1.1	.8	.1						4.5	10.3
E	1.2	.7	.7	1.	.2	.0						3.9	8.1
ESE	.4	.5	.7	.4	.1							2.5	6.8
SE	.5	.4	.4	.2	.0	.0						1.7	6.9
SSE	.6	.2	.4	.4	.3	.1	.0					2.5	8.6
S	.7	1.1	1.1	.	.4	.1						4.2	8.8
SSW	.2	1.1	1.5	1.7	.4	.1						5.7	9.4
SW	1.2	2.4	3.2	4.-	1.0	.2	.1					12.2	9.9
WSW	1.7	3.0	6.1	5.7	1.6	.6	.1					19.4	10.0
W	2.2	2.2	3.0	2.2	1.3	.2						14.1	9.7
WNW	.6	.7	1.0	1.	.7	.2	.1					5.0	11.6
NW	.2	.5	1.2	1.-	.3	.1						3.7	10.2
NNW	.4	.7	1.2	1.1	.1	.0	.0					3.6	9.2
VARIABLE	.2											.0	2.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.0	1.9	1.2	.9							5.8	10.2
NNE	1.5	1.8	3.4	1.2	.6							8.5	7.9
NE	1.0	3.7	5.1	4.4	.9							15.7	9.4
ENE	.7	1.7	1.9	2.1	1.0	.3						7.6	10.4
E	1.5	1.3	2.5	1.9	.3	.7						8.4	9.5
ESE	.3	.7	1.0	.3								2.4	7.4
SE	.3	.4	1.5	.7	.4							3.0	9.2
SSE	.4	1.1	.6	.0	.1							3.1	7.4
S	.4	.9	1.7	2.2	.4							5.4	9.8
SSW	1.1	.7	1.5	.7	.4							4.8	8.0
SW	1.5	1.7	1.5	1.9	.4	.3						6.6	9.3
WSW	2.4	1.6	1.9	2.5	1.2	.1						9.9	9.3
W	2.4	3.7	1.5	.9	.6	.4						8.8	7.9
WNW	.4		.9	.3								2.1	8.2
NW			.7	.7								1.0	9.6
NNW	.6	.4	.6	.1	.4							2.2	8.3
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.6	2.1	1.5	.6	.1						5.7	10.1
NNE	1.5	.9	3.7	3.0	.1							9.2	8.8
NE	1.9	1.8	5.7	2.1	.9	.4						12.4	9.3
ENE	1.3	.9	3.0	2.0	1.9	.1						9.8	10.6
E	1.9	1.8	1.3	1.7	.4	.7						7.3	8.1
ESE	1.3	1.0	1.3	.3								4.0	5.8
SE	.5	.1	1.3	.4								2.5	7.7
SSE	.6	.3	.9	.7								2.1	7.0
S	.4	1.0	2.2	2.7								6.4	9.5
SSW	.7	.7	.9	1.5	.1							4.0	9.2
SW	1.5	1.5	.6	1.3								4.9	7.3
WSW	2.4	2.2	2.8	2.4	1.2	.3						11.3	8.9
W	1.2	2.4	1.0	1.0	.6	.1						6.4	8.4
WNW	.4	.3	1.2	.7		.7						3.0	9.9
NW	.3	.7	.4	.4	.4	.1						2.5	9.8
NNW	.1	.6	.6		.6							1.9	9.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03940 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.1	2.7	1.9	1.3							6.5	11.3
NNE	1.9	1.6	3.1	1.3	.1							8.0	7.3
NE	1.2	2.4	4.7	3.1	.6	.1	.3					12.4	9.2
ENE	2.2	2.1	3.7	3.4	1.5							12.8	9.6
E	1.3	2.2	1.9	1.3	.7	.4						7.2	8.6
ESE	2.5	.4	1.0									4.0	4.2
SE	.7	.6	1.0	.7								2.7	6.4
SSE	.4	.4	1.2	.4								2.5	7.3
S	1.2	1.0	1.5	1.8								5.5	8.5
SSW	.6	.7	1.3	2.5								5.2	9.6
SW	1.8	1.0	1.3	.7	.1	.1						5.0	6.9
WSW	2.4	1.8	3.1	2.5	.9							10.6	8.6
W	2.5	1.8	1.3	1.1	.1	.1	.1					7.1	6.9
WNW	.3	.3	.6	.4	.3	.1						2.1	11.3
NW	.4	.7	.6	.7	.1	.1						2.4	8.1
NNW		.3	.4	.1		.3						1.6	11.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-85,87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.7	2.7	1.5	.7							6.8	10.2
NNE	1.0	1.7	1.3	1.3	.3							5.0	8.2
NE	1.0	1.7	3.1	3.7	.6	.4						9.9	10.0
ENE	1.3	1.0	3.7	5.1	1.9	.4						13.4	11.2
E	1.3	2.5	3.0	2.7	.4	.4						10.3	9.0
ESE	1.9	1.3	1.0	.3								4.4	4.8
SE	1.2	.4	1.0	.7								3.4	7.0
SSE	1.2	.7	1.3	1.3								4.6	7.5
S	1.0	.4	1.5	2.5	.4							6.4	9.8
SSW	1.2	.7	1.2	2.4	.1							5.2	9.5
SW	.7	1.2	1.6	1.9								5.5	8.6
WSW	1.3	2.4	2.4	3.5	.7							10.3	9.4
W	.9	.7	1.6	1.3		.1						4.4	8.7
WNW	.3	.3	.6	.6	.1		.1					2.1	10.4
NW	.7	.4	.6	1.3	.3	.1	.1					3.0	11.9
NNW	.4	.3	.7	.7	.3	.4						2.5	11.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03045C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 74-85
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
1	.4	.7	1.0	2.1	1.3	.1						5.8	12.1
2	.7	.7	1.6	1.7	.3							4.3	9.7
3	.1	.6	1.7	4.1	.6	.4						7.3	12.6
4	.4	1.3	4.0	6.5	2.1	.3						14.7	11.9
5	.7	1.6	1.3	2.7	.9	.7	.3					7.9	11.2
6	1.7	1.7	2.4	2.7	.4							8.3	8.3
7	1.3	.9	1.6	.7								4.5	7.2
8	1.9	.4	1.7	1.1	.1							5.2	8.2
9	.7	.9	1.6	1.9	1.3							7.4	10.7
10	.6	1.0	1.6	2.1	.1							5.6	9.7
11	1.7	.4	1.0	2.1	.6							6.5	10.1
12	.4	1.4	3.0	3.7	1.3							9.8	10.8
13	.1	.7	.9	1.7	.4	.4						5.6	13.3
14	.4		.4	.9	.6							2.4	11.8
15		.1	.6	1.1	.7	.1						3.1	13.9
16	.3	.7	1.7	1.	.1	.4						3.4	11.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	.4	.6	1.6	2.	.7	.1						6.6	11.3
		.7	2.4	2.	.1	.1						5.7	10.8
	.1	.4	2.8	4.	.1	.3						8.7	11.3
	.4	1.7	2.4	4.	2.1	.4	.3					13.7	13.2
	2.4	1.6	3.1	2.	.4	.1						9.6	7.8
	1.2	1.2	1.5	1.	.6							5.5	8.3
	1.7	1.7	1.3	.7								4.8	6.9
	1.	.1	.4	1.								3.3	9.0
	.3	1.7	2.4	3.	.7							7.5	10.7
	.7	.6	1.5	2.	.6							6.1	10.1
	.7	1.2	1.3	2.	.3							5.4	10.2
	.4	1.	2.1	2.	.6	.3	.1					7.9	10.8
	.6	.1	1.0	1.	1.2	.3	.1					4.8	13.2
	.1	.7	1.7	1.	.4	.1						4.7	10.7
		.5	.4	.	.9							2.8	12.7
	.7		1.2	.		.4						2.5	10.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.5	//////
TOTALS	7.7	12.7	27.1	37.	9.7	2.4	.4					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 6677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 47969 STATION NAME: PRINCE RUPERT AP BC

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
1	.7	1.7	2.1	1.5	.6	.2						7.1	11.5
2	1.2	1.2	1.8	1.5	.4	.1						6.7	8.8
3	1.2	1.2	2.1	3.4	.3							9.8	10.0
4	.7	1.6	3.1	5.1	1.5							12.2	10.7
5	1.2	1.2	1.5	3.4	.4	.7						9.5	8.9
6	.4	1.2	1.3	.7	.4	.1						4.6	8.6
7	1.2	.3	.9	1.6								4.0	7.9
8	.1	.6	1.7	.7								3.0	8.8
9	.7	1.2	2.2	1.4	.6	.1						6.5	9.6
10	.6	1.6	1.2	2.2	.3	.1						6.2	9.6
11	1.2	1.2	1.2	1.5	.2							5.4	8.4
12	.7	1.2	3.3	3.1	.7	.3	.1					9.8	10.3
13	1.2	2.1	1.0	.5	.2	.1						5.2	7.6
14	.6	.5	.2	1.2		.1						2.3	8.6
15		1.2		.1								1.4	9.2
16	.3	.7	.3	.1	.3	.1						2.1	9.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 79-85,87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.3	2.5	1.3	.6	.3						7.3	9.2
NNE	1.3	1.3	1.3	1.3	.9	.1						5.9	9.1
NE	1.3	2.5	4.5	3.4	.7	.1						13.5	9.1
ENE	.3	1.6	4.9	4.1	.7	.1						12.8	10.2
E	2.2	1.3	1.2	2.4		.9						7.7	9.1
ESE	1.5	.7	1.6	.3	.1	.1						5.0	7.6
SE	.3	.3	.7	.7	.1	.1						1.9	9.5
SSE	.1		1.3	1.3								2.2	9.5
S	.7	1.6	1.3	2.4	.3	.1						6.5	9.6
SSW	1.3	1.3	1.3	1.4	.3							5.3	9.4
SW	.7	1.9	1.3	1.1	.7							6.7	9.1
WSW	1.3	3.6	2.1	2.7	.4	.1						10.1	8.9
W	1.3	3.3	.9	1.3	.4	.3						7.1	7.9
WNW	.4	.4	.4	.1								2.4	8.0
NW			.1	.7								.9	12.7
NNW	.3	.6	.1	.3	.3							1.6	9.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649? STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 7?-85,87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.8	2.1	1.8	.9	.?						6.4	10.7
NNE	1.1	1.1	2.3	1.7	.4	.1						6.7	8.7
NE	1.0	1.7	3.7	3.4	.6	.?	.0					11.2	9.9
ENE	1.?	1.4	3.3	4.4	1.6	.2	.?					12.1	11.0
E	1.7	1.0	2.0	2.?	.4	.5	.?					8.5	9.0
ESE	1.4	.9	1.4	.9	.2	.3						4.8	7.1
SE	.9	.6	1.?	.7	.1	.?						3.3	7.6
SSE	.7	.5	1.0	1.?	.?							3.?	8.1
S	.7	1.0	1.9	2.?	.5	.?						6.5	9.8
SSW	.5	.9	1.3	2.?	.3	.?						5.3	9.4
SW	1.1	1.2	1.2	1.5	.?	.1						5.7	8.8
WSW	1.4	2.?	2.6	2.?	.9	.2	.3					9.9	9.6
W	1.?	1.?	1.2	1.1	.5	.3	.?					6.?	8.8
WNW	.4	.4	.8	.8	.2	.1	.?					2.7	9.9
NW	.1	.5	.4	.4	.3	.1	.?					2.2	11.1
NNW	.?	.4	.7	.4	.3	.2						2.2	10.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-85
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.6	1.4	1.2	.3	.1						6.1	8.1
NNE	1.5	.9	1.2	1.6	.3							5.6	7.9
NE	.9	1.4	1.5	1.9		.4						6.1	9.2
ENE	.8		.6	.6	.4							2.6	8.9
E	1.2	.7	.1	.4								2.0	5.3
ESE		.3	.6	.6								2.0	9.4
SE	.2	.6	.8	.1	.1							2.3	6.9
SSE	.4	.4	1.2	.1								2.2	6.8
S	1.6	1.1	1.6	1.5	.3	.4						6.6	8.6
SSW	1.5	.4	1.5	3.1	1.2	.7						8.4	11.8
SW	1.4	2.7	3.1	3.4	.5	.5						12.1	9.8
WSW	2.2	5.7	4.2	2.6	1.1	.5						16.8	8.9
W	3.7	4.1	2.2	1.4	.9	.3						11.9	7.3
WNW	.6	1.2	1.5	.4	.1							3.8	7.1
NW	.4	1.6	1.8	.7	.3	.4						4.9	8.8
NNW	.4	.7	.5	.4	.3							2.3	8.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036492 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-85
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	.9	1.5	1.1	.1							4.9	7.8
NNE	.5	1.4	1.6	1.1	.5	.1						5.3	9.5
NE	.5	.9	1.9	1.4	.3							5.0	8.9
ENE	1.2	.5	.5	.4	.7	.1						3.5	8.8
E	.4	.5	.7	.2								1.9	6.8
ESE	.3	.7	.8	.5								2.3	7.7
SE	.5	1.1	.4	.7								2.7	6.9
SSE	.3	.5	1.4	.3								2.7	6.9
S	.5	1.6	1.8	1.5	.1							5.6	8.8
SSW	.9	.5	1.5	3.1	1.5	.3						7.9	12.1
SW	.9	1.6	3.7	4.7	.8							11.8	10.0
WSW	2.7	3.9	4.2	4.1	1.5	.3						16.9	9.1
W	3.9	3.9	2.2	2.0	.3							12.3	6.4
WNW	.7	.7	1.2	.4	.3							3.3	8.2
NW	.5	.5	1.4	.7	.3	.3						4.2	9.3
NNW	.7	.7	1.1	.7	.3	.1						3.8	8.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.0	1.9	1.9	.3	.1						5.8	8.8
NNE	1.2	.1	1.5	1.4	1.2							5.4	10.6
NE	.7	.7	1.5	.9	.4							3.5	8.8
ENE	.5	.3	.9	.8	.9	.3						3.2	10.8
E	.9	.9	1.1	.1								3.1	5.7
ESE	.7	.7	.7	.7								2.7	7.3
SE	.7	.7	.8	.8	.1							3.1	7.7
SSE	.9	.9	1.4	.1								3.4	5.9
S	.4	.9	1.4	1.6								5.3	8.2
SSW	.5	.9	1.8	4.1	.9	.5						8.6	12.1
SW	1.9	2.4	3.9	4.6	.5	.3						13.2	9.7
WSW	2.2	4.6	3.4	4.7	1.2	.5						16.5	9.4
W	1.9	3.1	2.4	1.1	.7	.7						9.5	7.8
WNW	.5	.4	.9	.4	.3	.1						2.7	9.4
NW	.8	.8	1.8	1.1								4.1	8.7
NNW	.8	.8	.9	1.4	.4							3.9	9.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03645 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-86
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (KNOTS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	1.2	2.9	.3							5.1	11.2
NNE	.5	.4	1.4	2.3	.9	.1						5.4	11.7
NE	.5	.4	.9	1.6	.1							3.6	9.8
ENE	.3	.4	.4	1.5	.3	.9						4.2	12.4
E	.9	.7	1.2	.7								3.5	6.8
ESE	.5	.5	.1	.7								2.2	6.9
SE	.5	.1	.9	.7	.3							2.6	9.1
SSE	1.4	.4	1.4	1.5	.3	.3						5.1	9.1
S	1.3	.9	2.0	2.5	.5							6.8	9.2
SSW	.7	1.1	1.6	3.0	1.9	.5						8.8	12.6
SW	1.2	.9	2.3	4.5	1.9	.5						11.2	12.1
WSW	1.1	1.3	4.6	5.2	2.2	1.2						16.2	11.7
W	.7	2.2	2.4	2.7	1.8	.1						9.5	10.5
WNW	.3	.7	1.2	1.7	1.5	.3						5.7	12.9
NW	.2	.4	1.2	1.3	.7	.4	.3					4.3	13.3
NNW	.1	.3	1.2	2.4	.9							4.9	12.9
VARIABLE													
CALM	//////////											.9	//////
TOTALS	11.5	11.5	29.2	37.4	13.5	4.5	.3					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 078460 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	.5	1.2	1.2	2.1	1.2							6.6	11.4
	.5	.1	1.8	1.6	1.0	.4						5.5	11.8
		.5	1.4	1.2	.5	.1						4.5	12.2
	.5	.1	.7	.7	.7	.3	.1					3.1	13.1
	.2	.7	.8	1.2	.5							3.3	10.6
	.7	.4	.3	.2	.3							1.9	7.6
	.5		.5	.8	.4	.1						2.5	10.9
	.5	.1	1.0	1.4	.8							3.8	11.4
	.3	.5	1.2	2.5	.3	.3						5.9	11.7
	.7	1.1	2.5	3.7	1.2	.5						9.7	12.2
	.4	1.2	3.1	4.8	2.2	.4						12.3	12.9
	.1	.3	3.3	5.2	3.7	1.1						14.2	13.9
		.7	3.0	4.2	2.6	1.2						11.2	14.3
	.1	.5	1.8	1.9	1.0	1.1	.1					6.6	14.3
	.3	.4	1.6	1.2	.4	.1	.1					4.1	11.0
	.1	.1	.2	2.1	.8	.1						4.7	14.0
VARIABLE													
CALM	////////////

GEOPHYSICS DIRECTORATE
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03693 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	.7	.4	2.4	2.1	.7							5.8	11.0
[illegible]	.7	.4	2.1	1.4	1.4							5.7	11.8
[illegible]	.4	.7	1.4	2.4	1.2	.4						6.1	12.7
[illegible]	.1	.3	.4	.4	.7							2.3	10.1
[illegible]	.1	.1	.1	.4	.1							1.6	9.7
[illegible]	.1	.1	.4	.3								1.4	6.3
[illegible]	1.1	.3	.4	.7	.7							3.0	9.0
[illegible]	.4	.7	.7	1.1	.7	.7						4.7	10.5
[illegible]	1.1	.4	2.0	1.4	.4							6.2	8.8
[illegible]	.1	1.0	1.4	2.7	1.4	.4						9.1	12.4
[illegible]	.4	1.1	3.4	4.1	2.6	.7						13.1	12.3
[illegible]	.1	.4	3.2	5.1	3.0	1.2						13.5	13.5
[illegible]	.7	1.0	1.4	4.1	2.3	.4						10.3	13.0
[illegible]	.3	.4	1.4	2.4	1.4	1.1						7.7	13.5
[illegible]	.1	.4	1.1	1.4	.1	.4						4.2	11.2
[illegible]	.1	.4	2.0	2.1	.3							5.7	10.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	.7	//////
TOTALS	7.3	9.1	28.1	39.7	16.8	5.4						100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03953 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.7	1.4	1.2								4.7	7.6
NE	.9	1.5	2.7	2.6	1.4	.3						9.3	10.4
E	1.1	.9	1.6	1.3	.9	.4						6.2	10.5
SE	.3	.3	.1		.5							1.8	8.2
S	.5	.1	.4	.7								1.8	7.3
SW	.4	.1	.5	.4								1.5	8.3
W	.2	.1	.1	.5	.3	.1						1.8	11.5
NW	.3	.7	.3	1.1	.1	.1						2.8	11.6
N	1.4	1.5	2.3	.9		.1						6.2	7.4
NE	1.2	2.3	2.0	2.6	2.8							11.0	11.1
E	1.4	1.9	3.7	2.6	.9	.1						10.4	9.3
SE	.7	2.7	4.9	6.6	1.8	.3						16.9	10.8
S	.9	2.0	2.8	2.0	.4	.3	.1					8.7	9.5
SW	.9	1.4	1.1	1.1	.8	.1						5.4	10.0
W	.5	.5	1.5	1.2	.1	.4						4.3	10.2
NW		1.1	3.1	.4								4.6	7.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036492 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.1	.4	1.1	.3							4.3	7.2
NNE	1.7	.9	2.4	2.7	.1							7.1	8.4
NE	.3	.9	2.3	2.6	.7	.1						7.1	10.5
ENE	.9	.4	.4	.4	.3	.3						2.6	9.3
E	.9	.4	.5	.4								2.2	6.3
ESE	.3	.5	.3	.7								1.7	7.4
SE	.4	.5	.7	.3		.1						1.9	7.6
SSE	.4	.7	.9	.4	.3	.1						2.9	9.3
S	.4	1.3	1.6	1.7	.3	.1						5.0	9.2
SSW	.9	2.3	2.5	2.2	1.3	1.1						10.4	11.2
SW	1.3	2.2	4.6	3.1	.5	.4						11.8	9.0
WSW	2.4	2.6	3.5	4.3	1.6	.4						14.8	9.5
W	2.7	3.3	2.4	1.7	.4			.1				10.6	7.2
WNW	.7	.7	1.6	.5	.1	.5		.1				4.6	10.5
NW	.5	1.4	2.2	.3	.4	.3						5.1	8.5
NNW	.3	2.3	1.7	.3	.1							4.4	7.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.0	1.4	1.3	.4	.0						5.4	9.3
NNE	.9	.7	1.8	1.9	.8	.1						6.2	10.2
NE	.6	.7	1.6	1.7	.5	.2						5.3	10.4
ENE	.8	.3	.5	.6	.5	.2	.0					2.9	10.5
E	.7	.5	.7	.5	.1							2.4	7.3
ESE	.5	.4	.5	.5	.0							2.0	7.6
SE	.5	.5	.6	.6	.2	.1						2.5	8.6
SSE	.7	.5	1.0	.9	.3	.1						3.5	9.1
S	.9	1.2	1.9	1.6	.3	.1						5.9	9.0
SSW	.9	1.2	1.9	3.1	1.6	.6						9.2	11.9
SW	1.0	1.7	3.5	4.1	1.2	.4						12.0	10.7
WSW	1.3	2.9	3.9	4.4	2.3	.7						15.6	10.7
W	1.7	2.6	2.9	2.3	1.2	.3	.0	.0				10.5	9.9
WNW	.9	.7	1.4	1.2	.7	.4	.0	.0				5.0	11.4
NW	.4	.9	1.6	.9	.3	.3	.1					4.4	10.1
NNW	.7	.7	1.4	1.4	.4	.0						4.3	10.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
TOTALS	17.6	19.7	26.0	27.1	10.4	3.0	.1	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 5965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03952 STATION NAME: BELIZE NORTON RAF UP PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	2.2	5.1	2.5	1.1	.4	.6						12.0	8.1
	1.9	2.4	3.3	1.4	.8							10.3	8.2
	1.1	2.1	4.0	2.5	.7							10.4	8.9
	1.7	1.0	.6	1.1								4.6	6.6
	2.5	1.4	.3	.4								4.6	4.2
	.2	.6	.4									2.5	5.2
	.6	.7	.8	.1								2.2	6.3
	.2	.3	.1									.7	5.2
	1.4	.7	1.0	.4								3.1	6.0
	1.5	1.3	1.5	.7	.1							5.2	6.7
	1.5	1.8	1.6	1.1								5.8	6.6
	2.9	3.6	2.9	1.0								10.4	6.6
	3.7	3.1	1.3	.7	.1							8.5	5.5
	1.7	1.5	.7		.4							3.5	6.2
	.7	1.6	2.2	.1								4.9	6.3
	.8	2.2	3.2	1.5	.3							8.1	8.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.[illegible]	[illegible]	3.9	1.[illegible]	.1	.6						10.3	8.6
[illegible]	1.[illegible]	[illegible]	3.8	[illegible]	.7							10.9	8.8
[illegible]	1.4	1.4	3.3	[illegible]	.6							10.6	9.2
[illegible]	1.[illegible]	1.4	.8	.7	.1							4.9	6.2
[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.7								3.2	6.1
[illegible]	.[illegible]	.6	1.7	.4								3.2	7.2
[illegible]	.3	.1	.7									1.1	6.1
[illegible]	.[illegible]	.1	.3									.7	4.4
[illegible]	.7	.4	.4	1.1								2.6	7.5
[illegible]	.[illegible]	1.1	.7	1.[illegible]								3.6	6.7
[illegible]	1.[illegible]	1.4	.7	1.1	.1							4.6	7.0
[illegible]	[illegible].[illegible]	[illegible].9	2.6	1.[illegible]	.1							10.7	6.3
[illegible]	[illegible].[illegible]	2.4	2.1	.4	.3							7.8	5.7
[illegible]	1.[illegible]	[illegible].[illegible]	1.5	.1								5.2	5.6
[illegible]	.[illegible]	1.[illegible]	1.8	.7								5.0	6.8
[illegible]	[illegible].1	1.4	3.5	1.[illegible]	.3							9.1	7.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-86
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	.5	1.4	3.6	4.[illegible]	.8	.3						11.1	10.5
[illegible]	1.3	1.1	2.2	3.[illegible]	1.4	.6						9.5	10.9
[illegible]	1.1	1.4	2.5	4.[illegible]	1.0							10.3	10.2
[illegible]	1.3	1.0	1.4	1.7	.3							5.6	8.5
[illegible]	1.9	1.1	1.5	.7								4.9	5.2
[illegible]	1.1	.6	1.8	.7								4.2	7.0
[illegible]	.4	.4	.4	.6	.1							1.9	8.3
[illegible]	.4	.3		.6								1.3	7.4
[illegible]	1.4	.9	.7	.7	.4							4.0	7.4
[illegible]	.8	.7	.7	1.1								3.3	7.8
[illegible]	1.5	1.0	1.4	1.3								5.1	6.9
[illegible]	3.5	2.6	3.3	1.4								10.8	6.2
[illegible]	2.5	1.9	1.9	.9								7.2	6.0
[illegible]	.4	.7	1.4	.7	.1							2.9	7.9
[illegible]	1.1	1.1	1.1	1.4								4.7	7.5
[illegible]	.7	1.5	3.3	1.9	.3							7.8	8.7
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.3	//////
TOTALS	24.3	17.7	27.4	24.1	4.5	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS (LST): 0900-1100

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.7	4.3	4.9	1.2	.3						11.3	11.5
NNE	.7	1.7	1.8	3.1	1.4	.7						9.2	12.8
NE	.1	.3	1.8	3.3	1.8	.4						7.8	13.5
ENE	.7	1.2	2.2	5.3	.6	.3						10.0	11.2
E	1.7	.7	2.4	.8								5.2	6.9
ESE	.7	.6	1.7	1.7								3.9	7.9
SE	.7	.3	1.4	2.5	.3							5.0	10.8
SSE	1.4	.3	.3	1.3	.3							3.2	7.7
S	1.2	.4	2.2	1.2	.4	.1						5.4	9.0
SSW	1.5	.7	1.8	1.7	.4							5.7	8.0
SW	1.1	1.4	.6	1.2	.3							4.3	7.6
WSW	.4	1.4	2.9	2.3	.8							8.1	10.0
W	.4	.6	1.1	3.1								5.2	10.0
WNW	.7	.7	.7	2.5	.6							4.7	11.5
NW	.1	.4	2.6	2.7	.1							6.3	11.0
NNW	.7	.7	1.5	1.5	.7							4.7	10.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037693 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.3	2.4	4.2	.8	.1						9.6	10.7
NNE	.1	.6	2.4	3.1	1.7	.7						9.6	13.0
NE		.7	1.8	5.6	.7	.6						9.4	13.0
ENE	.4	.7	1.0	4.4	1.5	.3						8.3	12.9
E	.6	.8	1.8	1.4								4.6	9.0
ESE	.2	.3	1.0	1.0								2.5	9.6
SE	.1	.7	.4	2.0	.1							3.4	11.2
SSE	.2	.7	.1	2.1	.1							3.9	11.5
S	.3	.6	1.4	2.8	.4							6.1	10.2
SSW	.6	.6	2.1	1.8	.6	.1						5.8	10.2
SW	.6	.8	1.8	.7		.3						4.2	8.7
WSW	.7	1.7	3.7	4.5	.7	.1						11.4	10.6
W	.4		.6	2.7	.7							4.4	12.4
WNW	.4	.1	1.4	2.7	.6							5.2	11.4
NW	.1	.6	1.1	3.4	.1							5.4	11.3
NNW	.6	1.2	1.4	2.7	1.2							6.5	11.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.5	3.5	4.6	1.1	.3						12.0	10.9
NNE	.1	.7	2.2	2.4	2.4	.1						7.9	13.1
NE	.4	.6	2.1	5.6	2.0	.6						11.2	13.0
ENE	.3	.4	1.8	2.5	1.5							7.0	12.5
E	.3	1.5	1.7	2.5								5.4	8.9
ESE	.3		.8	.3								2.0	10.0
SE	.2	.1	.7	1.5	.4							3.6	9.8
SSE	.2	.7	1.1	1.5	.1							3.8	9.6
S	1.0	.7	2.2	2.4	.3							6.6	9.2
SSW	1.0	.7	2.1	1.4	.7	.6						6.4	10.7
SW	.6	.7	1.6	1.1								4.2	8.6
WSW	.4	1.0	2.8	2.5	1.0	.3						8.4	11.1
W	.6	1.0	2.5	2.2		.1						6.4	9.4
WNW		.7	1.0	2.1	.7	.1						4.6	12.5
NW	.1	.7	2.4	2.2	.1	.1						5.7	10.4
NNW	.2	.6	1.1	1.4	1.3							4.6	12.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03699C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.7	2.9	1.9	1.1	.4						9.4	9.6
NNE	.7	1.8	2.1	1.1	1.7							7.6	10.7
NE	.4	1.1	2.9	5.3	1.9	.3						11.9	12.0
ENE	1.3	1.2	2.2	2.4	.1							7.2	8.6
E	1.2	1.7	1.9	.6								5.4	6.3
ESE	.8	1.0	.4	.3								2.5	5.4
SE	1.1	.4	.8	1.0								3.3	7.3
SSE	.3	.4	1.2	.9	.1							2.9	9.0
S	1.2	1.1	1.2	1.2								4.8	7.3
SSW	1.5	1.9	1.9	1.1	.6							7.1	7.8
SW	1.4	1.9	1.2	.7	.3							5.4	6.8
WSW	.5	1.9	2.4	1.3	.4	.1						6.6	8.6
W	1.4	3.0	2.6	1.3	.1							8.4	6.9
WNW	.7	1.8	2.1	1.3	.3							5.8	8.0
NW	.5	.8	2.8	1.1	.1							5.3	8.3
NNW	.4	1.1	1.9	1.7	.1							5.7	8.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	.7	//////
TOTALS	15.1	23.7	30.6	27.1	6.9	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.0	2.2	2.3	.6	.4						9.0	8.7
NNE	1.1	2.9	1.4	3.4	.8							8.7	9.2
NE	.9	2.1	4.2	4.1	1.0							12.2	10.1
ENE	2.2	1.4	1.8	2.3	.3							7.7	7.6
E	1.3	1.4	1.0	.3								3.9	5.6
ESE	.8	.6	.7	.3								2.4	5.8
SE	1.3	.1	.8	.3								2.5	5.5
SSE	1.1	.3	.1									1.5	3.3
S	.9	1.2	.8	1.2								3.6	7.3
SSW	1.3	1.7	.7	1.4								4.6	7.4
SW	1.4	2.2	1.1	.6								5.3	5.7
WSW	2.1	2.8	2.9	2.1	.7							10.7	7.9
W	2.2	3.5	2.8		.1							8.4	5.7
WNW	.8	.7	.6	.4	.1							2.7	6.7
NW	1.1	2.5	2.2	.1								6.0	5.7
NNW	1.5	1.3	2.1	.7	.3							5.9	7.0
VARIABLE													
CALM	////	////	////	////	////	////	////	////	////	////	////	4.8	//////
TOTALS	21.6	36.1	35.7	27.1	5.9	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.7	3.2	3.1	.8	.4						10.3	9.9
NNE	.6	1.6	2.4	2.9	1.4	.3						9.0	10.7
NE	.7	1.2	2.8	4.3	1.2	.3						10.5	11.1
ENE	1.2	1.3	1.5	2.5	.6	.1						6.9	9.7
E	1.3	1.2	1.4	.8								4.7	6.6
ESE	.7	.5	1.1	.6								2.9	7.2
SE	.6	.4	.8	1.2	.1							2.9	8.8
SSE	.5	.3	.4	.9	.1							2.3	8.5
S	1.1	.7	1.3	1.3	.2	.1						4.5	8.3
SSW	1.1	1.2	1.4	1.3	.3	.1						5.2	8.3
SW	1.2	1.4	1.2	1.3	.1	.1						4.9	7.1
WSW	1.7	2.2	2.9	2.3	.5	.1						9.6	8.3
W	1.7	1.9	1.9	1.4	.2	.1						7.0	7.2
WNW	.6	1.1	1.1	1.1	.3	.1						4.3	8.9
NW	.6	1.2	2.0	1.5	.1	.1						5.4	8.5
NNW	.9	1.2	2.3	1.5	.6							6.5	9.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////
TOTALS	19.9	18.6	27.9	27.1	6.3	1.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 5753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026492 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(LST): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.8	2.7	1.1								9.3	6.0
NNE	2.7	3.1	4.2	2.3	.5							12.8	7.5
NE	1.8	2.7	5.7	1.7	.8							12.8	8.0
ENE	2.2	.9	1.5	.5								5.5	6.0
E	2.2	.4		.1								2.7	3.1
ESE	.7	.8	.5									2.0	5.3
SE	1.1	.4	.8									2.3	4.7
SSE	.5	.4	.4	.1								1.9	5.0
S	1.3	1.0	.8	.7								4.2	5.3
SSW	1.5	1.6	1.9	1.5								6.5	7.0
SW	1.6	1.7	2.2	.3								5.8	6.7
WSW	1.6	2.0	1.6	.5	.1							6.7	6.1
W	3.3	4.7	2.0	.5								10.8	5.0
WNW	1.2	1.0	1.1	.1								3.5	5.1
NW	.7	1.7	1.2	.7								3.5	6.3
NNW	1.3	1.5	1.1	.9								4.2	5.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03545 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	3.7	5.0	4.7	.9								11.8	6.2
	3.1	3.5	4.7	2.1	.3							14.7	7.2
	1.9	2.6	3.5	.5	.8							9.6	7.7
	2.6	1.1	1.5	.9	.1							6.2	6.3
	2.2	.9	.8									3.9	4.0
	1.9	.7	.4									3.0	3.5
	.8	1.3	.4									2.6	4.9
	1.2	.5	.7	.4								2.8	5.4
	1.2	.7	1.2	.3								3.5	6.1
	.3	1.2	1.7	1.1								5.0	7.5
	1.3	.3	1.7	.7								4.2	5.8
	.5	2.2	3.9	.5								7.7	7.2
	2.9	2.6	1.2	.4								7.0	4.7
	1.9	1.3	1.2	.1	.3							4.8	5.8
	.7	.3	2.3	.9								4.3	7.2
	.8	.7	.4	.2								2.6	6.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	3.9	4.7	3.6	.1							13.3	8.3
NNE	1.7	1.6	2.1	2.6	.7							9.0	8.8
NE	2.3	3.2	3.1	2.3	.9							11.5	8.2
ENE	1.2	1.1	2.7	2.1	.1							7.2	8.2
E	2.4	1.6	1.2	.7								5.8	5.0
ESE	1.2	1.3	.8	.3								3.6	5.3
SE	1.2	1.3	.5	.1								3.2	4.8
SSE	.8	.7	.9	1.1								3.4	7.7
S	1.9	.9	2.1	1.2								6.0	6.8
SSW	1.3	.9	2.0	1.6	.4							6.3	8.3
SW	1.2	1.2	2.4	.6								5.6	7.1
WSW	1.6	1.6	2.5	1.6								7.4	7.2
W	1.3	1.9	1.6	.7								5.5	6.3
WNW	.7	.8	.7	1.7								2.9	8.1
NW	.1	.8	1.2	.7								3.1	8.9
NNW	.7	.7	1.2	1.1								3.6	8.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.5	//////
TOTALS	23.4	23.1	29.8	23.4	2.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03693 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.6	4.7	3.9	.3							11.3	9.1
NNE	.4	1.3	2.2	3.1	.8							7.8	10.6
NE	.7	1.3	2.2	3.0	1.6	.1						8.8	11.1
ENE	.7	1.3	2.4	3.2	.9							8.6	10.1
E	1.1	1.9	1.5	1.5	.1	.1						6.1	8.0
ESE	.7	1.1	1.3	1.9	.4							5.4	9.5
SE	.8	.8	1.3	.9								3.8	7.0
SSE	1.1	.5	.9	1.6								4.2	8.2
S	1.1	1.5	1.8	1.9								6.2	8.4
SSW	.5	1.5	2.3	2.6	.4	.3						7.6	10.1
SW	.3	1.7	3.0	2.7	.1							7.0	9.0
WSW	.5	1.9	2.3	2.3	.3							7.6	8.4
W	.4	.4	1.9	.9								3.5	8.8
WNW	.3	.1	1.1	1.3								2.8	9.7
NW		.9	.9	1.6								3.5	9.5
NNW	.3	.9	2.4	2.2								5.8	9.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03497 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.2	4.2	3.7	.4							10.4	10.0
NNE	.5	1.2	3.4	1.4	1.2							8.0	10.1
NE	.4	.7	2.0	2.2	2.3	.4						8.0	13.0
ENE	1.1	1.2	1.9	2.3	1.5							8.0	10.2
E	.3	1.5	2.3	1.9	.7							6.6	9.9
ESE	.5	1.4	1.7	.3	.7							4.9	9.6
SE	.1	.7	.8	.5								2.0	9.1
SSE	.4	.4	.9	2.2								3.9	10.0
S	1.5	1.1	2.4	2.1	.3							7.3	8.4
SSW	.5	1.4	2.6	2.6	.9							8.0	10.3
SW	.5	1.1	3.5	2.6	.4							8.4	9.5
WSW	.5	.5	3.0	3.1	.8	.1						8.4	10.4
W	.5	.8	1.5	1.6								4.5	8.8
WNW		.7	1.2	.9								2.7	9.4
NW	.4	.7	1.1	1.4	.3							3.8	9.5
NNW	.4	1.2	.9	2.2								4.7	8.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.9	3.5	4.6								9.6	10.1
NNE	.5	.7	3.4	1.9	1.2	.1						7.8	10.7
NE	.5	1.4	1.2	3.9	2.0	.4						9.7	12.5
ENE	.7	.5	1.4	2.3	.8							5.7	11.0
E	1.1	1.4	2.4	1.7	.5							7.0	8.4
ESE	.7	1.6	.8	.9	.7							4.6	9.2
SE	.8	.9	1.1	.8								3.6	7.5
SSE	.5	.7	.8	.9	.1							2.7	8.9
S	.9	2.6	1.9	2.0	.1							7.7	8.5
SSW	.4	1.1	1.4	2.0	.4	.3						6.1	11.0
SW	.5	1.5	3.0	2.7	.5							8.5	9.1
WSW	1.1	.9	3.1	4.1	.5							9.9	9.9
W	.1	1.1	2.6	1.9	.5							5.8	9.5
WNW	.5	.5	.8	1.1								3.0	9.0
NW	.1	.3	1.1	.7	.4							2.6	10.6
NNW	.7	.9	1.6	2.1								5.3	8.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.4	1.5	1.4	.4							7.0	7.5
NNE	1.5	1.9	2.6	3.7	.7							10.3	9.3
NE	.9	2.0	3.7	2.5	1.5	.1						10.6	10.0
ENE	.5	1.6	2.2	1.9								6.2	8.0
E	.9	1.6	2.2	1.6								6.2	7.9
ESE	.7	.5	.8	.3	.1							2.3	7.0
SE	1.1	.9	.5	.5								3.0	6.1
SSE	1.1	1.1	.4	.5								3.1	5.7
S	2.0	1.7	1.8	.5	.1							6.1	6.5
SSW	1.9	2.6	2.4	1.5	.3							8.9	7.3
SW	1.1	1.8	3.4	1.5	.7							8.5	8.5
WSW	1.4	1.3	2.7	2.	.4							8.5	8.0
W	1.5	1.4	2.0	1.1								6.0	7.2
WNW	1.1	1.4	.8	.7	.1							4.2	7.0
NW	.4	1.4	.9	.7								3.5	7.3
NNW	.7	1.7	1.5	1.4								4.3	8.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.3	2.0	1.2								7.0	6.7
NNE	2.4	2.4	5.0	2.7	.5							12.5	7.7
NE	1.3	2.6	2.8	2.6	.9							10.2	8.7
ENE	.8	.6	3.2	.4								5.3	7.2
E	1.9	1.1	.9	.5								4.4	5.5
ESE	1.5	.7	.5	.1								2.7	4.2
SE	.7	.5	.4	.1								2.2	5.3
SSE	1.1	.7	.9	.4								3.2	6.4
S	2.0	2.2	1.3	.1								5.7	5.1
SSW	1.6	2.2	2.0	1.1	.1							7.0	6.9
SW	2.2	3.2	1.3	1.3	.7	.1						8.2	6.9
WSW	1.3	2.7	3.2	.7								8.1	6.7
W	2.2	3.4	1.5	.4								7.4	5.1
WNW	1.3	1.9	.5	.7								4.4	5.6
NW	.9	1.5	1.5	.1								4.0	5.7
NNW	.7	1.7	.8	.9								3.6	6.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.2	3.5	2.4	.2							10.0	8.1
NNE	1.6	2.0	3.4	2.0	.7	.0						10.4	8.7
NE	1.2	2.1	3.0	2.3	1.3	.1						10.1	9.7
ENE	1.2	1.1	2.1	1.7	.4							6.6	8.5
E	1.5	1.7	1.4	.7	.2	.0						5.3	7.0
ESE	1.0	1.0	.8	.5	.3							3.6	7.3
SE	.8	.8	.8	.4								2.8	6.2
SSE	.8	.6	.7	.4	.0							3.2	7.4
S	1.5	1.5	1.6	1.2	.1							5.8	7.1
SSW	1.1	1.6	2.0	1.2	.2	.1						6.9	8.5
SW	1.1	1.5	2.6	1.6	.3	.0						7.0	8.1
WSW	1.2	1.8	2.8	1.7	.2	.0						8.0	8.1
W	1.6	2.0	1.8	.8	.1							6.3	6.5
WNW	.9	.9	.9	.6	.1							3.6	7.1
NW	.4	1.0	1.3	.7	.1							3.5	8.0
NNW	.6	1.1	1.2	1.3								4.3	8.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.5	//////
TOTALS	19.1	28.5	36.1	23.2	4.3	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 5929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03849 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-86
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.7	1.7	.7								5.5	6.3
NNE	1.8	2.5	2.0	.7	.3							7.4	6.6
NE	2.2	1.8	2.7	1.7	.1							8.4	7.0
ENE	.6	.3	1.1	.7	.3							3.0	9.0
E	1.1	.7	.1	.4								3.0	4.4
ESE	.6	.1										.7	2.6
SE	.4	.4	.3									1.1	4.5
SSE	1.0	.4	.1									1.6	3.7
S	1.4	1.1	.7									3.3	4.5
SSW	1.6	1.1	1.1	1.1								5.0	6.9
SW	5.0	3.9	4.0	.6								12.5	5.2
WSW	3.9	4.4	5.9	2.4								16.6	6.3
W	4.1	5.0	2.1	.4								12.3	4.8
WNW	2.0	1.1	.6	.3								4.0	4.6
NW	1.7	2.1	1.7	.4								5.5	5.9
NNW	1.2	2.1	1.0	.4								5.0	5.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.7	1.8	.7	.1							6.2	6.5
NNE	1.5	1.8	2.5	.9								6.7	6.6
NE	2.1	1.1	2.5	1.0								6.7	6.8
ENE	1.7	.6	1.7	1.1								5.1	7.0
E	1.0	.8	.8	.1								2.8	5.3
ESE	.4	.1										.6	2.5
SE	.7	.7	.4	.1								1.5	6.4
SSE	.6	.1										.7	2.8
S	2.1	1.1	.1	.7								3.7	4.1
SSW	2.1	1.3	2.2	.7								6.3	5.9
SW	2.8	2.8	3.8	.4								10.0	5.8
WSW	3.5	4.2	5.8	1.8								15.3	6.5
W	5.3	4.9	2.9	.8								14.5	5.0
WNW	1.7	1.7	1.0	.7								5.1	5.8
NW	.8	1.0	.6	.4								2.8	6.0
NNW	1.0	1.1	1.7	.8								4.6	6.8
VARIABLE													
CALM	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	7.4	//////
TOTALS	39.2	35.7	37.9	15.7	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03540 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.5	2.4	1.6	.1							7.8	7.4
NNE	1.0	1.7	1.8	1.0								5.5	6.8
NE	1.4	1.7	2.6	1.8	.3							7.4	8.2
ENE	1.1	.6	1.8	.4	.1							4.1	7.1
E	.5	1.7	.6	.7								5.1	5.1
ESE	2.0	.4	.4									2.8	3.4
SE	1.0	.7	.3									2.0	4.5
SSE	.7	.7	.1	.4								1.6	5.7
S	1.4	1.0	.7	.1								3.3	5.0
SSW	1.9	1.7	1.7	1.4								5.9	6.9
SW	2.1	2.4	4.0	1.8								10.3	7.1
WSW	3.3	5.1	7.9	3.7	.1							19.7	7.4
W	1.7	2.1	3.0	1.7								8.5	7.4
WNW	.5	1.0	1.9	2.1								5.4	9.0
NW	.7	.3	.4	.7								2.8	7.8
NNW	.4	1.7	2.3	1.6	.1							5.7	8.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03493 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	2.1	2.0	1.4								6.9	8.5
NE	.4	1.1	1.8	1.1	.3							4.8	9.1
E	.3	1.7	2.4	1.5	.3							5.8	9.0
SE	.4	.8	1.1	1.9	.6							4.8	10.2
S	1.1	1.1	1.5	.4								4.3	6.6
SW	.3	1.4	1.1	.1								3.5	5.7
W	.8	.3	.6	.3								2.0	5.7
NW	1.0	1.3	1.5	.4								3.9	6.8
N	1.4	.7	1.4	.5								4.2	6.9
NNE	.8	.3	1.2	2.4	.3							5.6	9.7
ENE	1.3	1.1	3.4	3.1								8.8	8.7
ESE	.8	2.0	7.2	5.4								15.4	9.4
SSE	.8	.8	3.4	5.7	.4							10.8	10.2
SSW	.6	1.0	2.1	3.0	.4							6.9	9.8
WSW	.6	.4	1.8	3.1	.3							6.2	10.2
WNW	.9	1.7	2.1	1.0								5.6	7.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 032450 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-86
MONTH: JUN HOURS(LST): 1200-1800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.7	2.5	1.8	.1							6.8	8.5
NNE	.4	1.3	1.3	1.2		.7						4.2	8.8
NE		1.0	1.3	2.1		.1						4.5	10.2
ENE	.1	.7	1.0	1.0	.1							3.0	10.2
E	.6	1.3	.6	1.1	.3							3.8	8.4
ESE	.6	1.1	1.1	.6								3.7	7.3
SE	.3	.7	.8	.8								2.7	7.9
SSE	.2	.8	1.4	.8								3.4	8.5
S	.8	.4	1.7	1.1	.6							4.7	8.9
SSW	.7	.8	1.6	2.4	.1	.1						5.8	9.7
SW	.1	1.3	3.7	2.8	.4							8.3	9.7
WSW	.7	1.7	5.4	7.9	.4	.1						16.1	10.3
W	.7	1.1	4.5	4.9	1.0							12.3	10.2
WNW	.1	.8	4.1	3.7	.7							8.9	10.0
NW	.2	1.3	2.3	2.8	.7							6.9	9.6
NNW	.4	1.3	1.7	1.7	.1							5.1	8.8
VARIABLE													
CALM	//////////////

USC AS CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]

PERIOD OF RECORD: 79-85,87
MONTHS: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE		
N	.7	1.7	2.5	2.1	.1							6.9	9.6
NNE	.9	.6	1.5	.7		.1						3.9	9.2
NE		.7	1.7	1.9	.9	.7						5.1	12.1
ENE	.3	.7	1.1	1.7	.6							3.5	11.2
E	1.1	1.7	1.1	1.1	.3							6.9	7.9
ESE	.5	.6	.8	1.1								3.7	7.9
SE	.9	.7	.8	.7								1.9	7.1
SSE	.9	.6	.9	.9								1.7	6.9
S	.7	1.1	1.7	2.1								5.5	8.9
SSW	.7	1.9	1.9	1.7	.9							5.9	9.5
SW	.7	1.1	2.9	1.1	.7							6.7	9.7
WSW	.9	1.9	4.9	2.1	.9							10.9	10.9
W	.9	1.7	5.5	5.1	.9							13.2	10.2
WNW	.1	1.7	4.9	1.1	.1							10.9	9.7
NW	.9	.9	2.5	2.	.3							6.1	10.5
NNW	.3	.9	1.9	1.1								3.9	9.1
VARIABLE													
CALM	////////////

[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible]

STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

[illegible]	WIND SPEED IN KNOTS [illegible]	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	3.7	1.4								9.1	7.1
[illegible]	.7	.1	1.6	[illegible]	.7							3.7	8.8
[illegible]	[illegible]	1.7	[illegible]	7.4	.1	.1						7.8	9.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							2.7	8.1
[illegible]	[illegible]	[illegible]	1.7	1.7								5.3	7.5
[illegible]	[illegible]	1.1	[illegible]	[illegible]								2.7	6.4
[illegible]	.7	[illegible]	[illegible]									1.1	3.5
[illegible]	.4	[illegible]	.1	[illegible]								1.0	6.0
[illegible]	.1	[illegible]	.7	.4								5.3	5.1
[illegible]	1.1	[illegible]	[illegible]	[illegible]	.7							7.5	8.3
[illegible]	[illegible]	[illegible]	3.4	1.7	.1							8.1	8.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							17.1	9.2
[illegible]	[illegible]	[illegible]	5.4	4.1	.1							12.3	9.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								7.3	7.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								4.8	8.0
[illegible]	.4		1.1	1.4	.1							3.1	9.7
[illegible]													
[illegible]	//											1.7	//////
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	.1						100.0	8.1

[illegible] OBSERVATIONS: [illegible]

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030493 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.3	1.9	3.4	.1								6.7	6.4
[illegible]	1.8	1.7	1.4	1.4	.1							6.5	7.0
[illegible]	1.3	1.0	2.1	1.7	.4							6.5	8.3
[illegible]	1.0	.6	1.7	1.1	.1							4.5	8.2
[illegible]	2.1	1.1	.6	.6								4.4	5.0
[illegible]	.7	.4	.1	.1								1.0	5.6
[illegible]	.6	.7										.9	3.0
[illegible]	.7	.7										1.0	3.0
[illegible]	1.7	1.7	.7	.6								4.3	5.0
[illegible]	1.4	2.9	1.7	1.0								7.0	6.6
[illegible]	1.7	4.1	3.0	.7	.4							10.9	6.2
[illegible]	1.7	6.1	6.7	2.1	.1							16.8	7.1
[illegible]	2.0	5.0	3.3	.1								10.4	5.6
[illegible]	1.0	2.1	1.4	.3								4.8	5.9
[illegible]	1.4	1.0	1.8	.1								4.4	5.7
[illegible]	1.4	1.0	1.0	1.4								5.7	6.8
VARIABLE													
CALM												4.3	
TOTALS	21.4	33.0	26.6	11.[illegible]	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.?	2.5	1.9	.1							7.0	7.4
NNE	1.5	1.?	1.?	1.3	.1	.1						5.3	7.6
NE	1.?	1.1	2.2	2.?	.2	.1						6.5	8.7
ENE	.7	.6	1.3	1.?	.2							3.9	8.8
E	1.4	1.1	.9	.7	.1							4.2	6.3
ESE	.5	.7	.5	.7								2.3	5.9
SE	.6	.4	.4	.?								1.6	5.8
SSE	.6	.4	.5	.2								1.9	6.1
S	1.4	1.1	.9	.7	.1							4.?	6.3
SSW	1.3	1.?	1.8	1.?	.2	.?						6.1	7.8
SW	1.?	?.?	3.6	1.?	.2							9.7	7.4
WSW	1.?	3.?	6.4	4.?	.2	.?						16.4	8.?
W	2.2	?.?	3.?	?.?	.3							11.8	7.8
WNW	.?	1.4	2.3	1.?	.1							6.6	8.3
NW	.?	1.?	1.7	1.4	.1							5.0	8.2
NNW	.7	1.?	1.7	1.?	.1							5.?	7.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 74-86
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	1.9	2.7	.7	.4								5.7	5.2
	2.4	2.9	2.1	1.3								8.6	5.9
	1.9	2.6	2.6	.9								8.0	6.3
	1.2	1.1	1.8	.3								4.4	6.0
	2.1	.1										2.2	2.3
	.6											.6	2.0
	.7	.3										1.0	2.9
	.7	.1	.3									1.1	3.9
	1.9	1.0	.6									3.5	3.8
	2.1	2.6	1.2	.1								6.1	5.2
	2.5	2.5	2.9	.7								8.9	5.6
	5.3	7.5	4.3	.7								18.2	5.1
	5.1	4.7	1.5	.7								12.7	4.2
	1.7	1.4	2.5									5.5	5.8
	1.1	1.3	1.3									3.6	5.3
	2.2	.7	1.2	.4	.1							4.8	5.2
VARIABLE													
CALM	//////////////

GEO AE OLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.2	2.1	2.1	.5								5.9	6.3
[illegible]	3.6	2.5	1.9	.5								8.5	5.1
[illegible]	[illegible]	2.6	2.9	1.1	.1							9.6	6.3
[illegible]	1.2	.5	.1	.3								2.2	4.5
[illegible]	1.[illegible]	.4		.1								1.5	3.5
[illegible]	.1	.4										1.2	2.9
[illegible]	.5	.7	.1									1.0	3.9
[illegible]	.4	.4	.1									1.0	4.7
[illegible]	1.[illegible]	.7	.1	.1								2.6	3.8
[illegible]	[illegible]	[illegible]	.8	.4								4.7	4.9
[illegible]	4.[illegible]	2.9	3.2	.1								10.7	4.9
[illegible]	5.4	5.6	3.6	1.[illegible]								17.4	5.4
[illegible]	[illegible]	[illegible]	2.9	.4								15.4	4.8
[illegible]	[illegible]	1.6	1.2									5.2	4.6
[illegible]	[illegible]		1.2	.4								3.0	6.4
[illegible]	1.[illegible]	.7	.8	.7								3.7	6.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.4	//////
TOTAL	[illegible]	[illegible]	21.4	[illegible]	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 7[illegible]

LEVEL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 03047 STATION NAME: PRICE NATION RAF UK — PERIOD OF RECORD: 78-86
MONTH: JUL — HOURS(LST): 0600-0800

DIRECTION (FROM WHICH)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	3.1	1.4	2.9	1.								6.4	7.2
	1.7	.4	1.7	.4								4.2	5.8
	3.7	.8	3.1	1.7								8.1	7.3
	2.1	1.7	2.4	.4	.1							6.3	6.8
	1.7	1.7	.4	.1								4.1	3.8
	.7	.7	.7									1.8	4.3
	.7	.4										1.1	3.0
	1.1	.1	.4	.1								1.8	4.5
	1.4	.7	.8	.								3.8	6.7
	1.1	1.4	1.7	.7								4.5	6.5
	1.7	3.1	3.1	.4								10.9	5.6
	4.1	4.9	6.3	1.7								17.9	6.3
	4.1	.9	4.2	.4								12.6	5.4
	2.1	1.7	2.1	1.1								5.3	7.2
	2.1	1.1	2.1	1.1	.1							5.3	7.9
	.8	.7	1.1	1.								3.5	8.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 74-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.8	4.3	1.9								7.4	9.1
NNE	.7	1.0	.4	.7								2.7	7.0
NE	1.1	.5	2.5	1.2	.3							5.6	8.3
ENE	1.2	.7	2.2	2.7	.4	.1						7.4	9.6
E	1.6	1.4	1.2	.1								4.4	5.1
ESE	1.4	.8	1.1	.4								3.3	5.9
SE	.7	.8	.4									1.5	4.5
SSE	1.4	1.4	.7	.1								3.6	4.9
S	1.4	.5	.7	.9	.1							3.3	6.5
SSW	1.5	1.5	2.7	2.1	.1							6.9	8.5
SW	.4	1.9	4.8	1.9								8.9	8.5
WSW	.9	1.8	7.3	5.4								15.2	9.2
W	.3	2.9	4.4	1.7	.1							10.2	7.9
WNW	.1	1.1	3.2	2.7	.1							7.3	9.8
NW	.7	1.0	3.3	2.1								7.0	8.9
NNW	.9	1.1	2.6	1.1								5.9	8.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03549C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.1	1.5	2.5	3.5								8.6	8.9
NNE	.6	.7	1.1	.5								2.9	6.9
NE	.1	.6	1.0	2.4	.6							4.6	11.5
ENE	.7	.6	1.9	2.2								5.4	9.2
[illegible]	.3	1.4	2.6	.4								5.1	7.8
ESE	.4	1.2	1.0	.4								3.0	6.8
[illegible]	.7	.1	.3	.6								1.2	9.1
SSE	.2	.4	.4	.3								1.4	6.9
[illegible]	.7	.6	1.2	1.5	.1							4.1	9.1
SSW	.6	1.7	2.2	3.0	.1							7.6	9.4
[illegible]	.7	.6	4.6	2.[illegible]								9.0	9.2
[illegible]	1.1	2.1	5.8	5.7	.6	.1						15.4	9.7
[illegible]	.6	1.7	5.7	4.3	.3							12.0	9.7
[illegible]	.7	.4	2.8	1.7								6.4	8.5
[illegible]	.7	1.5	2.1	[illegible]	.1	.3						6.5	9.9
[illegible]	.7	1.1	3.3	1.[illegible]								6.2	8.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	.6	//////
TOTALS	[illegible].4	10.9	34.5	37.[illegible]	1.4	.4						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible]90 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	.4	3.3	2.6	.1							7.9	9.1
NNE	.7	.4	1.4	.4	.1							3.0	7.3
NE		.1	1.1	2.7	.9							4.0	11.7
ENE	.5	.7	2.3	1.4	.1							4.6	9.1
E	.1	1.1	3.0	1.3								5.5	8.7
ESE	.7	.9	.5	.1								1.6	5.6
SE	.7	.5	.4									1.6	4.7
SSE	1.0	.4	.3	.7								2.2	5.2
S	.7	1.0	1.1	1.3	.1							4.5	8.4
SSW	1.0	1.1	1.6	3.1	.4							7.2	9.8
SW	.5	2.7	2.9	2.7	.1							8.9	8.7
WSW	.3	1.5	4.6	8.8	.4							15.4	10.9
W	.9	1.8	6.1	3.9	.3							12.4	9.5
WNW		2.6	2.5	2.7	.3							7.6	9.3
NW	.7	1.1	3.7	1.3	.3							7.1	9.4
NNW	.1	1.7	2.7	1.9	.1							6.0	9.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.3	3.3	1.9								8.7	7.6
NNE	.7	.8	1.5	.7	.1							3.9	7.6
NE	.7	1.1	1.8	2.7	.9							6.3	9.7
ENE	.4	1.0	2.3	.7	.1							4.6	8.3
E	.8	1.8	2.2	.7								5.1	6.4
ESE	1.1	.3	.3									1.7	4.0
SE	1.2	.7										1.5	2.7
SSE	.1	.3										.4	4.0
S	1.4	2.3	2.2	.7								6.8	6.4
SSW	.7	.6	2.8	1.9								5.5	8.2
SW	1.9	1.8	1.9	1.7	.1							6.6	7.7
WSW	1.0	3.4	3.8	9.3	.1							17.7	8.5
W	1.4	3.3	3.2	3.2								11.2	7.9
WNW	1.2	1.7	1.9	1.7								5.5	7.0
NW	.4	.9	3.3	2.3								7.9	8.0
NNW	.6	1.2	3.9	1.0								6.6	7.5
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037662 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	2.1	2.7	.7								6.5	5.7
NNE	2.9	2.4	1.1	.4	.1							6.8	5.4
NE	2.4	1.9	1.7	.7	.1							9.8	7.5
ENE	1.2	1.4	2.6	.7								6.4	6.6
E	1.5	.7	.3									2.4	3.9
ESE	.7											.7	2.5
SE	.6	.2	.1									1.0	4.0
SSE	.7	.2	.4									1.4	4.4
S	1.4	1.2	1.1									3.7	5.1
SSW	1.7	2.1	1.5	.7								5.8	5.7
SW	2.1	2.7	2.2	.4								7.2	5.8
WSW	3.2	5.3	6.9	1.7								17.7	6.5
W	5.1	4.2	2.2	.4								11.8	4.7
WNW	2.1	2.2	1.7	.4								6.8	4.9
NW	.7	2.4	2.1	.7								6.4	7.0
NNW	.7	1.4	1.7									3.2	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.4	//////
TOTALS	39.6	41.9	37.2	7.1	.3							100.1	5.7

TOTAL NUMBER OF OBSERVATIONS: 7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: PRICE WORTH RAF UK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

DIRECTION (TO)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.7	1.6	2.7	1.[illegible]	.0							7.1	7.6
[illegible]	1.[illegible]	1.9	1.3	.6	.1							5.1	6.0
[illegible]	1.9	1.[illegible]	2.2	1.[illegible]	.2							7.0	8.0
[illegible]	1.1	.9	2.0	1.1	.1	.0						5.2	7.8
[illegible]	1.2	1.[illegible]	1.2	.[illegible]								3.8	5.9
[illegible]	.[illegible]	.9	.9	.1								1.7	5.1
[illegible]	.7	.[illegible]	.2	.1								1.2	4.4
[illegible]	.7	.[illegible]	.3	.1								1.7	4.9
[illegible]	1.2	1.1	1.0	.6	.1							4.0	6.4
[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.1							6.0	7.5
[illegible]	2.[illegible]	2.[illegible]	3.[illegible]	1.[illegible]	.0							9.9	6.9
[illegible]	2.[illegible]	[illegible].[illegible]	6.1	[illegible].[illegible]	.1	.0						16.9	7.6
[illegible]	[illegible].[illegible]	2.[illegible]	3.[illegible]	1.[illegible]	.1							12.3	6.6
[illegible]	1.[illegible]	1.[illegible]	2.1	1.[illegible]	.1							6.2	7.3
[illegible]	.[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.1	.0						5.8	8.1
[illegible]	.[illegible]	.[illegible]	2.1	1.[illegible]	.0							5.0	7.5
VARIABLE													
CALM	//////////											2.2	//////
TOTAL	[illegible].[illegible]	[illegible].[illegible]	32.[illegible]	1[illegible].[illegible]	1.[illegible]	.1						100.0	7.0

[illegible] OF OBSERVATIONS: 5747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.3	2.3	2.4	.5								6.9	6.0
[illegible]	2.6	3.3	2.4	[illegible]								8.9	5.6
[illegible]	2.5	2.4	2.9	.1	.1							8.0	5.8
[illegible]	1.4	.4	.6	.3	.3							2.9	6.0
[illegible]	2.3	.1	.3									2.6	2.8
	.3	.4	.3									.9	4.7
[illegible]	.5	.5	.4									1.4	4.9
	.3											.3	2.5
	[illegible]	1.1	.8	.1								2.6	5.4
[illegible]	[illegible]	1.[illegible]	1.8	1.4	.1							6.5	7.1
	[illegible]	4.4	6.[illegible]	1.[illegible]	.1							14.5	6.6
[illegible]	[illegible]	4.1	3.0	1.[illegible]								14.5	5.5
	[illegible]	3.6	.9									10.4	3.7
	[illegible]	[illegible]	.8	.1								4.3	4.3
	[illegible]	[illegible]	1.[illegible]	.4								3.8	5.8
	[illegible]	1.[illegible]	1.9	[illegible]								5.3	6.0
												6.4	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							100.0	5.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03452 STATION NAME: PEASE AUSTIN RAF NH

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	1.7	2.7	.7								6.9	5.5
NNE	3.2	1.4	2.1	.7	.1							7.6	5.2
NE	3.5	2.2	1.6	.9	.4							8.7	5.3
ENE	1.3	.6	1.1	.4								3.4	5.9
E	1.2	.6	.7									2.4	4.0
ESE	.2	.4	.1									.7	5.2
SE	.2	.7	.2	.1								1.3	6.0
SSE	.2	.2	.1									.6	4.2
S	1.3	.7	1.2	.1								3.4	5.0
SSW	1.6	2.1	2.9	1.	.1							7.7	7.1
SW	2.3	2.9	4.3	2.1	.4							12.0	6.9
WSW	5.4	4.5	5.8	.7								16.5	5.2
W	5.3	2.9	.9	.1								12.7	3.9
WNW	1.7	.7	.7									3.2	4.1
NW	1.1	1.1	.5	.1								2.7	5.0
NNW	.7	1.7	1.3	1.								4.5	7.1
VARIABLE													
CALM	//////////////

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible] NAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	6.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							5.7	6.6
[illegible]	[illegible]	[illegible]	1.7	[illegible]	.1	.1						6.5	6.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								6.1	6.1
	[illegible]	[illegible]	[illegible]									4.5	3.5
	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]								1.6	6.5
		[illegible]	.1									[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
1	1.1	1.0	2.7	1.[illegible]								7.1	7.0
2	1.3	.9	2.0	1.[illegible]								5.0	7.0
3	1.7	1.7	2.2	[illegible].1	.1	.1						7.2	8.6
4	1.5	.9	1.7	1.[illegible]	.7							5.0	7.0
5	1.5	1.[illegible]	2.2	1.								6.0	6.5
6	1.[illegible]	.6	.1	.[illegible]	.1							2.1	5.7
7	.7	.7	.5	.[illegible]								2.0	7.2
8	.6	.1	.5	.[illegible]								1.7	6.9
9	1.2	.7	1.7	.[illegible]								4.3	7.3
10	1.1	.7	2.0	.[illegible]	.5							7.1	10.1
11	1.1	.7	3.4	4.[illegible]	.7	.7	.1					11.0	10.2
12	.7	.[illegible]	6.2	4.	.8							15.2	9.1
13	1.[illegible]	1.[illegible]	4.7	[illegible].[illegible]								10.0	8.5
14	.7	.7	.[illegible]	.[illegible]								5.6	8.5
15	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.2							4.[illegible]	12.1
16	.	.[illegible]	1.7	.[illegible]								4.2	8.5
CALM													
M	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (TENTHS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
	.9	1.0	3.7	.9	.2							6.2	7.9
	.6	1.0	1.9	.9								4.3	7.4
	.2	.4	2.3	1.5	.2							4.6	9.6
	.4	.6	1.6	.7	.2	.9						4.2	9.6
	1.1	1.7	1.8	1.0								5.7	7.6
	.1	.7	.9	.5								2.2	8.2
		1.4	.6	.4	.1							2.7	7.6
		1.0	.2	.1	.7							2.1	9.1
	.5	.9	1.7	1.7	.1							3.9	8.4
	.8	1.7	1.2	2.7	.3	.9						7.5	11.9
	.7	1.7	3.9	.7	.6	.7						11.6	10.9
	..	1.7	4.6	7..	.7	.1						16.9	10.8
	.	1..	4.7	4..	.5							11.1	10.4
	..	..	1..	.								5.3	8.8
	.7	..	..	1.	.4							7.0	8.5
	.	.7	2.9	1..		.1						5.1	8.2
												.1	*****
	1..	..	..1	1..	9..	1.						100.0	9.6

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026450 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	.9	1.6	4.4	1.4	.1							8.3	7.8
[illegible]	.2	1.4	1.4	[illegible]	.1	.1						4.1	8.6
[illegible]	.2	1.0	.7	1.4	.5							3.8	10.4
[illegible]	.2	1.[illegible]	1.7	.6								3.6	8.2
[illegible]	.4	.9	2.0	[illegible]								4.4	8.4
[illegible]	.6	.7	1.0	.7								3.1	7.2
[illegible]	.1	.9	.7									1.7	6.5
[illegible]	[illegible]	.4	.2	[illegible]								1.4	7.4
[illegible]	[illegible]	1.1	.2	1.7	.1							3.5	9.0
[illegible]	.7	1.1	1.7	[illegible]	1.5							4.4	11.2
[illegible]	[illegible]	1.5	[illegible]	4.1	.4							9.6	10.1
[illegible]	.2	1.[illegible]	4.1	[illegible]	1.2	.4						18.2	11.7
[illegible]	1.[illegible]	1.1	[illegible]	4.[illegible]	.4							12.4	9.8
[illegible]	.5	.4	2.2	1.4	.1	.1						5.3	9.0
[illegible]	.4	1.[illegible]	[illegible]	1.[illegible]								4.6	8.0
[illegible]	1.1	1.1	[illegible]	[illegible]	.2							7.4	8.7
[illegible]													
[illegible]												.5	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						100.0	9.5

TOTAL [illegible] OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 37649[illegible] STATION NAME: HAIZ[illegible] SCRTON RAF AB

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible].1	4.4	3.7	1.[illegible]	.1							9.8	6.7
[illegible]	.7	.8	1.[illegible]	1.								3.7	8.2
[illegible]	.7	1.1	1.1	1.[illegible]	.4							4.9	8.6
[illegible]	.7	1.1	1.5	.1	.1							3.4	7.C
	[illegible]	1.[illegible]	.4	.[illegible]								4.7	5.2
	1.[illegible]	.7	.1									2.0	3.7
	1.[illegible]	.4	.2									1.6	3.8
[illegible]	1.1	.7	.[illegible]	.								2.1	5.3
	[illegible].4	1.[illegible]	1.1	.[illegible]	.1							4.2	6.3
[illegible]	.7	.[illegible]	[illegible].4	[illegible].[illegible]								7.3	9.4
[illegible]	3.[illegible]	1.4	2.[illegible]	.[illegible]	.2							6.[illegible]	6.7
[illegible]	.1	4.7	4.[illegible]	[illegible].	.4							22.4	9.8
[illegible]	[illegible].[illegible]	[illegible].[illegible]	4.4	[illegible].								10.[illegible]	7.6
[illegible]	[illegible].1	.7	1.[illegible]	1.[illegible]								4.4	7.6
[illegible]	.[illegible]	.[illegible]1	1.1	1.								4.1	6.9
[illegible]	.[illegible]	[illegible].[illegible]	1.[illegible]	1.[illegible]								4.[illegible]	7.9
[illegible]													
[illegible]	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	%	WIND
N	1.5	2.6	2.5	.7								6.9	6.2
NNE	2.4	2.1	1.9	1.3								7.8	5.8
NE	2.2	.7	3.0	1.3	.2							7.2	6.6
ENE	1.3	.5	1.4		.1							3.3	5.9
E	1.9	.9	.2									3.0	3.4
ESE	.5	.1	.1									.7	3.7
SE	.2	.2	.4									.9	5.6
SSE	.7	.5										1.2	3.4
S	1.2	1.1	.6	.5								3.6	6.1
SSW	1.9	1.6	2.5	1.3								7.4	7.0
SW	5.1	5.7	3.2	1.3								15.0	5.9
WSW	9.5	5.6	6.3	1.7								19.2	6.2
W	7.1	2.6	1.4	.7								9.7	4.2
WNW	3.7	1.1	.5	.1								5.5	4.2
NW	1.3	2.2	.7	.1								4.2	5.4
NNW	1.6	2.5	2.1	.1								6.3	5.7
VARIABLE													
CALM	////////////

USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (TOWARD)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
	1.3	2.7	3.1	.7	.1							7.5	6.8
	1.5	1.6	1.9	.7	.2	.2						5.9	6.6
	1.6	1.9	1.9	1.1	.3	.2						6.3	7.3
	1.1	.8	1.9	.5	.1	.2						4.0	7.1
	1.7	.7	1.1	.1								3.2	5.6
	.5	.5	.4	.2	.2							1.7	5.8
	.4	.7	.5	.2	.2							1.7	6.3
	.4	.3	.2	.2	.2							1.2	6.3
	1.2	.7	1.1	.7	.2							3.7	6.8
	1.2	1.2	2.1	1.1	.4	.3						7.4	8.9
	1.2	2.1	3.9	2.2	.7	.1	.2					11.3	8.1
	1.1	1.1	5.1	4.4	.3	.1						17.0	8.0
	1.2	.5	2.4	1.2	.1							10.6	6.7
	.2	.2	1.4	.1	.2	.2						4.4	7.0
	.2	1.2	1.2	1.1	.1							4.4	7.8
	.2	1.4	1.4	1.1	.2	.1						5.3	7.6
	////	////	////	////	////	////	////	////	////	////	////	3.6	////
	14.4	17.4	31.1	21.1	3.2	.7	.2					100.0	7.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.4	1.1	.5								5.2	5.3
NNE	1.8	.5	.9	.2								3.4	5.3
NE	2.3	1.1	.3	.4								4.0	4.3
ENE	1.2	.3	.3	.1								1.8	5.0
E	1.6	.6	.4									2.6	3.9
ESE	.6	.9	.3									1.8	4.6	
SE	.3	.5	.1									.9	4.1
SSE	1.1	.6	.1									1.9	3.9
S	1.3	1.3	1.8	.5								6.2	6.4
SSW	3.3	3.0	3.7	1.3	.9	.1						10.7	7.5
SW	3.1	4.1	5.8	3.1	.8	.7						16.2	7.5
WSW	3.4	3.7	3.2	1.8	.1							10.3	6.6
W	3.2	2.2	1.4	1.4	.1							11.9	5.0
WNW	1.6	1.1	.5	.2								3.4	5.2
NW	.9	1.3	.6	.1								2.9	5.7
NNW	.5	1.2	.7									3.1	5.1
VARIABLE													
CALM	////////////

GEO AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03465 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEp HOURS(LST): 0300-0500

DIRECTION (TENTHS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.9	1.0	.1								3.0	6.6
[illegible]	2.1	.5	.8	.5								3.9	5.0
[illegible]	1.8	.4	.3	.1								2.5	3.6
[illegible]	1.5	.9	.4	.1								2.9	4.1
E	2.1	.8	.1									3.0	3.1
[illegible]	1.3	1.1	.6									2.8	4.9
[illegible]	1.1	.4	.3									1.8	3.5
[illegible]	.7	1.1	.7									1.6	5.6
[illegible]	3.7	1.8	2.1	1.1	.1							6.5	7.0
[illegible]	4.7	1.8	3.[illegible]	2.7	.3							9.4	7.4
[illegible]	1.7	5.7	4.7	1.7	.1							13.5	6.9
[illegible]	4.9	1.7	4.9	7.1	.7	.3						19.8	7.8
[illegible]	4.5	1.8	1.1	1.								12.7	4.7
[illegible]	.7	.7	.8									1.6	4.2
[illegible]	1.1	.8	1.9	.7								4.5	5.7
[illegible]	.8	.3	.8	.1								2.3	5.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72456C STATION NAME: PRICE VORTON RAP UP

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 0600-0600

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
	1.5	.5	1.4	.1								4.3	5.8
	2.7	.7	.5	.2								3.7	5.9
	2.5	1.0	.3									4.0	3.2
	2.5	.5	.8	.4								3.7	4.8
	3.2	.6	.5	.1								4.5	3.5
	1.3	1.0	.4	.4								2.8	5.3
	.2	.1	.5	.1								1.9	5.1
	1.1	1.0	.4	.3								3.2	6.2
	1.6	.8	1.5	1.1	.1							5.2	7.4
	2.2	1.8	2.4	1.9	.3							8.6	6.9
	3.1	4.7	5.7	2.1								15.8	6.9
	3.1	4.9	5.0	7.1	.9							20.9	7.2
	4.1	1.4	1.1	1.7	.1							9.1	5.6
	.3	.6	.5	1.1								3.3	8.0
	.7	.5	.3	.4								1.8	7.7
	.5	1.1	.6	.1								2.3	6.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: APPLETON WAF WI

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

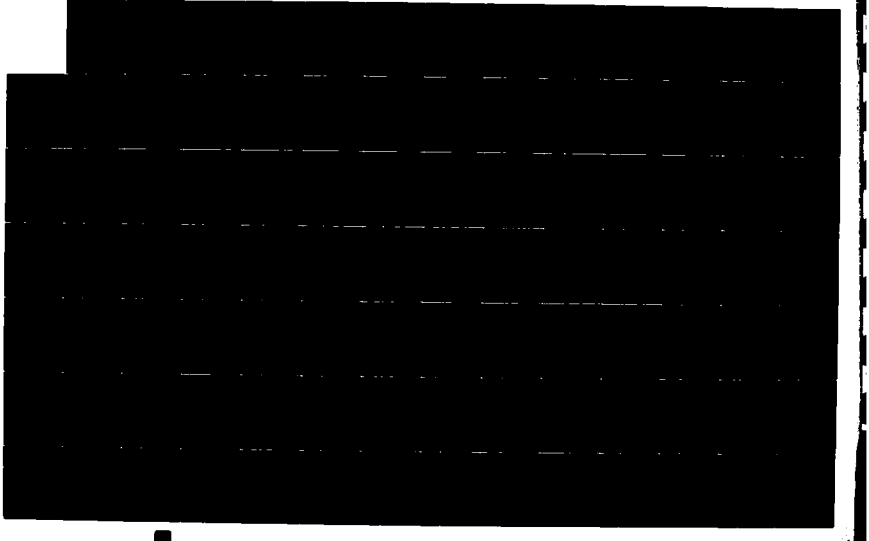
DIRECTION (TOWARD)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 Kts		
N	.6	.6	1.7	1.1	.1	.1						3.6	9.7
NNE	.5		.9	1.4	.1							2.9	10.5
NE	.7	.7	.9	.4								1.6	7.9
ENE	1.5	1.5	1.8	.1								4.9	5.7
E	1.1	1.9	1.9	.1								4.9	5.8
ESE	1.7	.8	.5	.1								3.5	6.1
SE	.5	1.1	.7	.4								2.7	6.6
SSE	1.9	.9	.9	.1	.1							3.9	5.5
S	1.1	1.1	1.5	1.1	.5	.1						6.9	8.8
SSW	.9	1.9	3.9	1.7	.7	.1						7.8	10.1
SW	1.6	1.1	4.0	7.1	.9							15.8	9.7
WSW	1.9	2.1	6.1	4.7	1.5							16.1	10.0
W	.7	1.9	2.7	7.1	.7							11.9	10.7
WNW	.1	.1	1.1	1.7	.7							4.1	12.2
NW	.7		1.1	1.7								2.9	9.5
NNW	.9	.7	2.1	1.1		.1						4.9	8.9
CALM													
VRBL	////////////

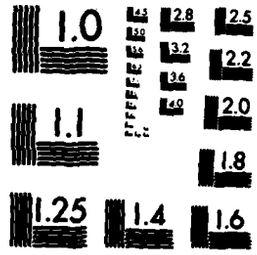
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NAME: [illegible] AFB OR PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIR	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
	.	.7	1.6	1.	.7							3.6	10.2
	.5	.7	1.4	.								2.7	9.5
	.4	.4	.7	.7								2.0	8.2
	.	.7	1.7	.7								2.2	8.1
	.9	..	.9									1.9	6.1
	.	..	.9	1.1								3.1	8.0
	.1	..	.7	..								1.7	7.6
	.4	1.7	.9	.7	.1	.2						2.9	8.1
	1.7	1.7	3.0	1.7	1.1							9.1	9.8
	1.7	1.4	3.9	1.7	.7	.7						11.5	9.8
	.7	.9	4.5	1.1	1.9							14.3	11.0
	.1	.4	3.6	2.4	1.6	.1						17.5	11.6
	.7	.7	2.9	1.1	1.7	.4						12.5	12.1
	.7	.4	1.7	1.7	.9	.2						8.0	11.7
	.7	.6	2.1	1.7	.2	.1						4.9	9.6
	.1	.4	1.1	.7	.5							2.7	10.1
	//////////////

AD-A187 851 BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE 2/3
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
UNCLASSIFIED NOV 87 USAFETAC/DS-87/078 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.6	2.1	1.4								4.8	8.
NNE	.4	.7	1.0	1.2								2.9	9.
NE	.1	.5	.4	.7								1.7	8.
ENE	.1	.9	1.1									2.1	6.
E	.2	1.0	.4	.1								1.7	5.
ESE	.2	.7	.4	.5								1.9	6.
SE	.4	1.0	.4	.3	.1							2.1	6.
SSE	.5	1.0	.5	1.2	.2							3.2	8.
S	.7	1.7	3.2	3.1	.4							9.1	9.
SSW	.9	.9	3.5	2.8	1.6	.4						9.8	11.
SW	.7	2.5	3.7	2.9	.9							10.7	9.
WSW	.6	2.2	7.1	10.3	2.5	.1						22.9	11.
W	.5	1.5	3.0	4.6	1.0	.1						10.7	10.
WNW	.1	.6	3.1	3.9	.9	.2						8.8	11.
NW	.1	.2	1.6	1.2	.2							3.5	10.
NNW	.2	.7	1.6	.9								3.5	8.
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.6	//////
TOTALS	6.7	16.4	33.0	34.5	7.8	.9						100.0	9.

TOTAL NUMBER OF OBSERVATIONS: 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.4	1.6	.4								5.4	6.4
NNE	.6	.8	.6	.9								2.8	7.1
NE	1.1	.6	.6	.4	.1							2.9	5.8
ENE	.5	.4	.3	.1								1.3	5.7
E	1.6	.9	.3									2.8	3.9
ESE	.8	.1	.8									1.6	5.2
SE	1.1	.5	.4	.4								2.4	5.3
SSE	.4	1.5	.8	.4	.3							3.3	7.7
S	2.3	3.3	2.4	1.4	.4							9.7	6.7
SSW	1.8	2.9	3.1	2.4	.5	.1						10.8	8.1
SW	1.6	2.4	4.1	2.1	.3							10.6	7.7
WSW	3.1	4.4	6.3	5.6	.6							20.2	8.4
W	1.8	3.6	4.6	1.5								11.6	7.0
WNW	.6	2.9	1.5	1.9	.4							7.3	8.2
NW	.6	.8	.6	.5								2.5	6.7
NNW	.6	.9	1.5	.4								3.3	7.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.5	1.6	.1								3.8	6.5
NNE	1.6	1.4	.8	.5								4.3	5.5
NE	1.9	.9	1.0	.5								3.8	5.8
ENE	.5	.5	.5									1.5	5.3
E	1.3	.4	.5	.1								2.3	4.7
ESE	.9	.9	.3									2.0	4.6
SE	.5	.1	.3	.4								1.3	6.9
SSE	1.3	.1	.4									1.8	3.8
S	1.1	2.9	2.4	.8								7.2	6.5
SSW	2.8	3.3	3.8	2.3	.5	.1						12.7	7.6
SW	3.4	4.7	3.9	2.1	.1							13.6	6.7
WSW	4.2	6.4	6.4	3.6	.6							21.5	7.3
W	3.3	4.4	1.9	.8	.1							10.4	5.6
WNW	1.4	1.7	.4	.4								3.1	5.0
NW	.3	.4	.9	.7								1.8	7.1
NNW	1.0	1.4	1.1	.4								3.9	5.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
1	1.3	1.1	1.5	.7	.3	.2						4.4	7.1
2	1.1	.5	.9	.8	.8							3.2	6.9
3	1.2	.7	.5	.4	.3							2.8	5.4
4	.9	.6	.7	.3								2.5	5.6
5	1.4	.8	.6	.1								2.9	4.5
6	.8	.8	.5	.3								2.4	5.8
7	.6	.6	.4	.2	.3							1.8	5.8
8	.9	.9	.4	.3	.1	.3						2.6	6.6
9	1.6	1.8	2.2	1.7	.3	.2						7.6	7.9
10	1.8	2.1	3.1	2.7	.6	.1						10.1	8.5
11	2.1	3.2	4.5	3.5	.5	.2						13.8	9.2
12	3.1	4.2	5.7	5.7	1.1	.1						19.8	8.7
13	2.9	2.7	2.8	2.9	.5	.1						11.3	7.8
14	.7	1.2	1.2	1.7	.4	.1						5.0	9.4
15	.5	.5	1.2	.4	.1	.2						3.0	8.1
16	.5	.3	1.2	.7	.1	.2						3.2	7.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.0	1.0	.6	.1							3.6	6.8
NNE	1.6	2.0	1.3	.5	.2							5.6	6.7
NE	2.4	1.4	1.0	.4	.4							5.5	5.7
ENE	1.9	2.2	.7	.4								5.2	5.0
E	2.0	.7	.7	.4								3.8	4.6
ESE	1.2	1.3	.5									3.0	4.3
SE	1.1	1.2	.8	.4								3.5	5.8
SSE	.7	1.1	.5	.1								2.4	5.1
S	1.6	1.1	1.7	1.3	.5	.1						6.2	8.3
SSW	1.1	1.3	3.5	3.4	.5	.2						10.2	9.6
SW	2.4	3.0	4.1	1.9	.1							11.4	7.1
WSW	3.8	4.6	4.6	2.7	.4							15.9	7.1
W	3.2	3.7	1.9	.5	.4							9.0	5.8
WNW	1.9	.1	.5		.2							2.3	5.5
NW	.9	.6	1.2	.4								2.6	7.3
NNW	1.1	.7	1.1	1.2								4.1	7.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.6	.7	.9	.5							3.5	9.0
NNE	3.1	1.7	1.2	.4	.2							6.6	5.4
NE	1.5	1.7	1.4	.1		.1						5.2	5.5
ENE	1.6	2.2	1.1	.6								5.4	5.6
E	2.2	1.2	.4									3.5	3.8
ESE	.7	1.2	.5									2.4	4.8
SE	.4	.7	1.1	.4								2.5	7.7
SSE	.5	.8	1.1	.1								2.9	5.8
S	1.2	1.3	2.0	1.5	.1	.5						7.0	8.9
SSW	.4	1.2	2.9	4.1	.4	.1						9.0	10.6
SW	2.3	2.3	2.5	2.3	.4							9.5	7.7
WSW	4.2	5.2	4.6	3.1	.1							17.0	6.9
W	4.2	2.3	2.2	1.1	.1							9.7	5.5
WNW	1.2	.4	1.2	.1	.1							2.9	5.6
NW	.5	.4	.8	.1								2.4	7.0
NNW	.7	.6	.7	1.								3.0	7.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.7	.8	1.8	.5							4.7	9.7
NNE	1.7	1.7	1.2			.2						4.3	5.9
NE	4.2	1.6	1.3	.1		.1						7.3	4.5
ENE	1.8	1.1	1.7	.7								4.9	5.8
E	2.2	1.4	1.2	.2								4.8	4.7
ESE	1.6	1.0	.6									3.1	4.2
SE	1.0	.4	.7	.4								2.4	5.9
SSE	.8	.6	.2	.6								2.2	6.2
S	1.4	1.7	2.0	2.2	.4	.1						7.8	8.6
SSW	1.6	1.1	2.8	3.4	.7	.1						9.6	9.4
SW	2.2	3.2	3.2	2.4	.5	.1						11.7	7.8
WSW	4.2	4.2	3.5	2.5								14.9	6.4
W	4.2	4.7	2.0	1.2								11.5	5.4
WNW	1.4	.4	1.2	.4								3.4	6.5
NW	.5	.6	.8	.7								2.8	7.1
NNW	.4	.4	.4	1.2	.1							2.4	9.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.2	//////
TOTALS	29.5	24.1	23.1	17.2	2.2	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.4	.5	1.7	.7							4.7	9.7
NNE	.5	.7	.2	.5	.2	.1						2.2	8.9
NE	.5	1.7	1.2	.6	.1							4.1	7.2
ENE	1.6	1.2	.7	.7								4.2	6.0
E	2.0	1.6	1.4	1.1	.1	.1						6.6	6.5
ESE	1.1	.5	1.4	.4								3.4	6.6
SE	1.6	.7	1.2	.4								4.3	6.3
SSE	1.2	.6	.5	.2	.1							2.9	5.7
S	1.3	1.2	2.3	2.9	.5	.4						9.0	9.4
SSW	1.4	1.0	2.9	3.5	1.3	.1						10.2	10.4
SW	1.6	1.9	4.0	4.5	1.2							13.0	9.9
WSW	1.6	2.9	4.5	3.4	.6							12.9	8.6
W	1.2	1.2	2.4	4.5	.6	.2						10.1	10.6
WNW	.5	.6	1.4	1.3	.2							4.2	9.1
NW	.4	.7	1.2	1.3	.1							3.7	9.7
NNW	1.1	.7	.4	1.1								3.2	7.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.2	//////
TOTALS	19.1	19.2	26.2	25.4	5.9	1.0						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.8	1.1	1.4	1.0	.1						5.3	10.5
[illegible]	.4	.2	.5	.1	.1							1.3	6.9
[illegible]	1.1	.6	.7	1.2								3.6	7.4
[illegible]	1.9	1.1	.7	1.3	.1							4.7	7.2
[illegible]	.5	.6	.7	1.1	.2							3.1	9.5
[illegible]	.6	1.1	1.6	1.3								4.2	7.7
[illegible]	.2	.5	1.6	.5	.4							3.3	9.7
[illegible]	.4	.6	1.3	.7								3.0	7.6
[illegible]	.8	1.7	2.2	2.9	.2	.2						8.1	9.4
[illegible]	.5	.8	4.0	5.4	1.4	.4						12.5	11.8
[illegible]	1.2	1.6	3.0	6.4	1.0	.2						13.4	10.8
[illegible]	1.0	1.3	5.2	5.7	1.1	.2						14.1	10.5
[illegible]	.6	.8	2.5	4.7	1.0	.2						9.2	11.5
[illegible]	.2	.0	.8	1.7	.7		.1					4.1	12.7
[illegible]	.5	1.0	1.7	1.7	.1							4.9	8.8
[illegible]	.7	.7	1.6	1.7	.1							4.8	9.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036493 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	.7	1.6	1.6	1.2	.5							5.5	8.8
[illegible]	.1	1.4	.9	.6								2.5	7.2
[illegible]	.7	2.[illegible]	1.2	.9								4.8	6.8
[illegible]	.3	1.[illegible]	.7	.9								2.8	7.9
[illegible]	1.2	1.[illegible]	1.2	1.3	.2							4.9	8.1
[illegible]	.6	1.0	.5	.7	.1							2.8	7.0
[illegible]	.5	1.[illegible]	.7	.7								2.9	7.5
[illegible]	.5	2.[illegible]	.7	.1	.2							3.6	6.5
[illegible]	1.[illegible]	1.[illegible]	4.3	3.1	.4							10.6	8.9
[illegible]	1.1	2.[illegible]	4.2	4.[illegible]	1.7	.1						13.6	10.3
[illegible]	1.1	1.3	4.2	2.7	.7	.1						10.1	9.5
[illegible]	.8	3.1	4.5	5.7	.6	.4						15.1	9.8
[illegible]	.7	1.1	3.1	1.7	.5							7.1	9.2
[illegible]	.3	.8	1.7	1.7	.1							4.8	8.6
[illegible]	.9	.6	1.4	1.[illegible]								3.9	8.0
[illegible]	1.3	.7	1.9	.[illegible]								4.5	6.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037493 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.1	1.1	.7	.4							4.3	7.5
NNE	2.0	1.2	1.2	.1								4.6	4.9
NE	1.9	1.4	1.0	.7	.1							5.0	6.5
ENE	1.6	1.3	1.7	.4	.1							4.9	6.9
E	1.3	.7	.5	.4								2.9	5.0
ESE	1.4	.1	.6	.4								2.5	5.2
SE	1.0	.6	.5	.5	.1							2.6	6.4
SSE	.7	1.4	.8	.1	.4							3.5	6.8
S	2.2	2.6	3.5	1.6	.4							10.2	7.1
SSW	2.0	2.0	3.5	4.1	.7	.4						12.7	9.5
SW	1.8	3.4	4.8	3.4	.4							13.7	8.2
WSW	1.9	4.0	3.7	2.9		.6						13.3	8.1
W	1.9	3.1	2.6	.4								8.0	5.7
WNW	1.1	1.7	1.1	.1								4.4	5.0
NW	.5	1.0	.4	.1								1.9	5.3
NNW	.7	.4	.2	.2	.1							2.3	7.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 2100-2300

DIRECTION (TENTHS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	.5	.6	1.4	1.0								3.5	7.8
	2.2	1.7	1.0	.1								5.1	4.8
	1.3	2.0	1.3	.5	.5							6.5	7.1
	2.2	1.3	1.0	.4								4.8	5.1
	1.3	1.4	.8	.4								4.5	5.1
	.6	.5	.4	.2								1.7	6.0
	1.1	.7	1.0	.2								3.0	5.3
	.6	1.1	.6	.1	.1							2.9	6.3
	2.2	2.2	1.6	1.6	.2							7.6	6.8
	2.6	2.7	3.4	3.1	.2	.1						11.8	8.0
	2.5	2.9	4.1	3.7	.1							13.4	7.8
	2.6	4.2	4.2	2.3	.6							14.0	7.3
	2.6	2.9	1.6	.5	.2	.1						8.2	5.9
	1.1	.6	.6									2.3	4.2
	.9	.5	1.0	.1								2.0	6.7
	.6	.7	1.6	.6								3.5	7.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.5	//////
TOTALS	25.4	35.6	35.9	27.1	2.0	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: [illegible] RAF UK PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.0	1.0	1.2	.5	.0						4.4	8.8
NNE	1.5	1.2	.9	.7	.1	.0						4.0	6.0
NE	1.8	1.5	1.1	.6	.1	.0						5.3	6.2
ENE	1.5	1.4	1.0	.7	.0							4.6	6.1
E	1.6	1.1	.9	.6	.1	.0						4.3	6.0
ESE	1.0	.8	.8	.3	.0							2.9	5.8
SE	.5	.7	.9	.5	.1							3.1	6.8
SSE	.7	1.1	.7	.3	.1							2.9	6.3
S	1.5	1.7	2.4	2.2	.3	.2						8.3	8.4
SSW	1.1	1.5	3.4	3.2	.9	.2						11.1	10.0
SW	1.9	2.4	3.7	3.4	.5	.1						12.0	8.7
WSW	2.5	3.7	4.7	3.5	.4	.2						14.6	8.0
W	2.2	2.7	2.3	1.7	.3	.1						9.1	7.4
WNW	1.1	.6	1.0	.7	.2		.0					3.5	7.5
NW	.5	.7	1.1	.7	.0							3.0	7.8
NNW	.3	.6	1.0	1.1	.0							3.5	7.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.9	3.1	1.5	.4	.2						6.7	9.4
[illegible]	.4	1.1	1.2	1.1	.2							4.1	8.5
[illegible]	1.6	1.1	.5	1.7	.4	.1						5.5	8.3
[illegible]	.5	.9	1.2	.1								2.7	6.5
E	.9	.5	1.0	.4								2.7	6.5
[illegible]	.9	.6	.7									2.2	5.3
[illegible]	.6	.4	.5	.2								1.7	6.4
[illegible]	.4	.4	.5	.2	.1							1.6	7.5
S	1.1	.7	2.1	1.2		.1						5.3	8.0
[illegible]	.4	.5	1.7	2.6	.7	.2						6.2	12.0
[illegible]	.7	1.7	5.0	6.6	1.5	.1						15.9	11.0
[illegible]	2.5	4.7	4.6	4.2	1.1	.2						17.4	8.7
[illegible]	3.5	4.4	3.0	2.6	.4	.1						13.9	7.1
[illegible]	.9	1.0	1.1	.7	.1	.1						3.7	7.5
[illegible]	.4	.4	.9		.1							1.7	7.3
[illegible]	.5	.2	1.1	1.1	.2	.1						3.2	9.8
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037690 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	1.2	3.5	1.4	.1	.1						6.5	8.9
NNE	1.4	.5	1.5	.5	.2							4.1	7.0
NE	.5	1.1	1.0	1.1		.4						4.5	8.9
ENE	.9	.4	1.5	.7								3.5	7.3
E	1.4	.6	.2	.4								2.6	5.0
ESE	.6	.7	1.0									2.4	5.5
SE	.9	.5	1.0	.7								3.1	7.4
SSE	.5	.1	.4	.2								1.2	6.5
S	.6		2.1	.6	.1							3.5	8.5
SSW	.7	.5	2.4	3.7	.5	.7						7.3	10.9
SW	1.4	2.1	4.9	7.1	1.2	.1						16.7	10.3
WSW	1.2	3.6	6.6	4.2	.9							16.5	9.0
W	3.0	2.7	3.5	2.4	1.0	.1						13.3	7.8
WNW	.9	.6	1.4		.1	.1						3.1	7.0
NW	.1	.4	1.1	.4	.2							2.2	9.7
NNW	.7	.4	1.7	1.4	.1							4.5	9.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.0	2.2	2.2	.2	.1						6.5	9.3
NNE	1.2	.9	2.0	.7								5.0	6.9
NE	.6	1.1	1.5	.5	.2	.2	.1					4.4	9.2
ENE	.6	.6	.5	.9	.1							2.7	8.1
E	1.1	1.0	.5	.4								3.0	5.5
ESE	.1	1.0	.2	.2								1.6	6.3
SE	.2	.6	1.1	.6								2.6	8.0
SSE	.7	.6	1.0	.1								2.7	5.6
S	.6	.7	1.0	.1								2.5	6.0
SSW	1.1	.6	2.7	3.7	1.5	.1						9.7	11.2
SW	1.4	1.7	4.9	5.7	1.1	.2						15.1	10.3
WSW	2.5	3.1	5.6	3.6	.9	.1						15.8	8.5
W	2.9	3.1	3.4	3.4	.6	.1						13.5	8.3
WNW	.9	.6	.9	.4	.2							3.0	7.1
NW	.2	.8	.5	1.1								2.2	9.1
NNW	1.0	.7	1.6	1.4	.1							4.9	8.2
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.6	3.9	2.1	.2	.1						7.1	9.5
NNE	.2	.6	1.1	.7		.1						2.9	9.0
NE	.6	.9	1.1	1.5	.4	.5						5.0	11.0
ENE	1.2	.4	1.4	.6	.1							3.7	7.2
E	2.2	1.0	.7	.5								4.5	4.9
ESE	.7	1.0	.9	.5								3.1	6.2
SE	.2	.4	1.1	1.0								2.7	8.9
SSE	.7	.4	.9	.4								2.4	6.7
S	.7	.5	.7	.9								2.9	7.2
SSW	1.0	1.0	1.2	3.5	1.9	.1						8.7	11.5
SW	2.4	1.0	3.4	7.4	2.1	.5						17.7	11.4
WSW	1.6	3.2	4.2	6.0	.9							16.0	9.2
W	1.0	1.9	3.9	3.5	1.0							11.2	9.7
WNW	.5	.5	1.6	.6	.5							3.7	9.0
NW	.4	.4	.6	1.4								2.7	9.5
NNW	.2	.6	1.1	1.7	.1							3.9	9.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.6	//////
TOTALS	14.5	14.4	27.6	37.7	7.2	1.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.6	2.7	2.4	.1							6.7	8.8
NNE	.5	.2	.7	1.2								2.5	8.5
NE	.1	.2	1.1	1.7	.1	.5	.1					4.1	13.8
ENE	.5	1.1	1.2	1.9	.2							4.7	9.2
E	1.4	.9	.7	.2								3.2	5.0
ESE	1.1	1.2	.2	1.6								4.0	7.8
SE	.9	.5	1.0	.2	.1							2.7	6.8
SSE	.4	.2	.6	.6								1.9	7.9
S	.6	1.4	1.7	1.5								5.2	8.4
SSW	.5	.9	1.5	2.9	1.6	.1						7.5	12.1
SW	.7	.5	1.9	6.4	3.5	1.1						14.6	13.9
WSW	1.2	1.6	4.6	5.6	1.5	.2						17.6	11.4
W	.6	1.1	2.1	3.9	1.2	.4	.1					9.5	11.7
WNW	.1	.7	1.7	2.7	.6	.1						6.1	11.5
NW	.2	.5	1.7	1.9	.9		.1					5.0	11.4
NNW		.7	1.6	1.4	.5	.2						4.5	11.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.2	//////
TOTALS	9.8	12.3	25.4	39.7	12.5	2.9	.4					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037690 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.2	3.2	1.2								6.5	8.0
NNE	.7	.5	.6	1.2		.1						3.0	8.3
NE	.6	1.1	2.2	1.4		.6						6.0	9.4
ENE	1.2	.9	1.0	.6	.2							3.7	7.3
E	1.2	1.1	.4	.4								3.4	4.9
ESE	1.4	.7	1.1	.6								3.9	6.1
SE	1.2	.7	.6	.1								2.5	5.0
SSE	.2	.7	.9	.7								2.6	8.0
S	1.2	1.1	1.2	1.7	.2	.1						5.2	8.7
SSW	.4	.7	1.4	3.4	.7	.2						6.8	12.2
SW	.6	1.2	3.7	5.7	1.1	.6						13.7	11.1
WSW	1.2	2.2	4.7	6.1	2.2	.5						16.5	11.1
W	1.2	2.4	1.9	4.2	.5	.2						10.4	9.7
WNW	.4	1.1	2.2	2.1	.2		.2					6.1	10.1
NW	.5	1.2	1.5	.4	.7	.2						4.6	9.9
NNW	.5	.2	1.5	.7	.4	.4						4.3	10.0
VARIABLE													
CAL	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.2	2.5	1.[illegible]	.1							6.7	7.8
[illegible]	.7	.6	1.4	.5	.1	.2						3.6	8.8
[illegible]	1.7	1.4	2.2	1.2	.2	.2						7.1	7.7
[illegible]	1.2	.6	1.5	.4								3.7	6.5
E	1.2	.7	.6	.[illegible]	.1							3.0	5.9
[illegible]	.5	.[illegible]	.9	.5								2.7	6.9
SE	.7	.6	1.[illegible]	.1								2.5	5.8
[illegible]	.6	1.4	.6	.1								2.7	5.4
S	.7	.5	1.4	1.4		.1						4.1	8.7
[illegible]	.5	1.1	2.1	4.4	.7							8.9	11.1
SW	1.4	1.[illegible]	3.4	4.[illegible]	2.1	.2	.2					13.2	10.9
[illegible]SW	2.2	2.[illegible]	4.4	4.[illegible]	1.0	.[illegible]						14.6	9.2
W	2.5	3.5	3.2	3.[illegible]	.2	.4						12.9	8.0
[illegible]	1.1	.7	.6	1.4		.1						4.0	8.3
[illegible]	1.2	.6	1.5	1.1								4.5	7.0
[illegible]	.4	.4	1.0	.5	.5	.1						3.5	10.1
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (TOWARD)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	2.4	1.9	1.5	.4	.1						7.5	8.5
NE	.6	.1	1.1	.1								2.7	8.5
E	1.2	.3	1.9	2.1	.2	.2						6.6	9.1
SE	.9	.7	1.6									3.1	6.0
S	.9	1.3	1.0	.2								3.4	5.9
SW		.7	.4	.2	.1							1.5	8.4
W	.4	.7	.5									1.6	5.6
NW	.9	.6	1.6	.2								3.4	6.4
CALM	.9	1.2	1.1	1.4		.1						4.7	8.0
VRBL	1.1	.7	1.6	2.4	1.7							7.3	11.4
NE	2.0	2.9	3.9	5.7	2.0	.1						15.8	10.0
E	2.4	2.6	5.1	5.7	.5	.2	.2					16.8	9.3
SE	2.5	2.9	3.0	2.4	.4	.5						11.6	8.0
S	.9	.9	.7	.7	.1							3.4	7.3
SW	.9	.6	1.0	1.0								3.5	7.9
NW	.5	.4	1.5	.4	.6							3.6	9.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.1	2.8	1.9	.2	.1						6.8	8.8
NNE	.7	.6	1.2	.8	.1	.1						3.5	8.1
NE	.9	1.2	1.4	1.4	.2	.4	.2					5.4	9.5
ENE	.9	.7	1.2	.6	.1							3.5	7.4
E	1.3	.9	.7	.3	.0							3.2	5.4
ESE	.7	.8	.7	.5	.0							2.7	6.6
SE	.6	.6	.9	.4	.0							2.4	6.8
SSE	.8	.6	.8	.2	.0							2.3	6.7
S	.8	.8	1.4	1.1	.0	.1						4.2	8.1
SSW	.7	.7	1.8	3.7	1.2	.1						7.8	11.5
SW	1.3	1.7	3.9	6.2	1.8	.4	.2					15.3	11.1
WSW	1.8	3.0	5.0	5.3	1.1	.2	.2					16.4	9.6
W	2.1	2.8	3.0	3.2	.7	.2	.2					12.0	8.6
WNW	.7	.9	1.3	1.1	.2	.1	.0					4.1	8.9
NW	.5	.6	1.1	.9	.2	.2	.0					3.3	9.1
NNW	.8	.6	1.4	1.2	.3	.1						4.0	9.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.9	//////
TOTALS	19.9	17.1	28.6	29.3	6.3	1.9	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 8426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.4	1.6	2.[illegible]	.2							4.8	10.2
[illegible]NE	.4	.5	1.0	1.[illegible]	.2							3.2	9.1
E	1.[illegible]	.5	1.3	.6	.1							3.5	7.4
[illegible]SE	1.6	.7	.8	1.[illegible]	.2	.2						4.6	8.2
S	3.4	1.7	2.4	1.4								7.9	6.5
[illegible]SW	.8	1.4	1.2	.5								4.0	6.5
W	1.[illegible]	1.[illegible]	.2	.[illegible]								2.4	5.0
[illegible]NW	.[illegible]	.5	.4	.[illegible]	.2							2.4	9.4
[illegible]	1.[illegible]	.8	.5	[illegible].3	.6	.1						5.3	10.4
SSW	1.[illegible]	1.6	2.5	3.[illegible]	1.1	.4	.1	.1				9.7	11.4
[illegible]	1.3	2.2	5.1	4.3	1.1		.1					14.1	9.9
WSW	2.[illegible]	2.8	3.1	5.3	1.6	.1						14.9	9.7
[illegible]	3.[illegible]	3.[illegible]	2.6	1.[illegible]	.7	.2						11.1	7.2
[illegible]NW	.4	.6	.5	1.[illegible]	.1	.4						3.1	10.5
[illegible]		.[illegible]	1.[illegible]	.[illegible]	.4							2.[illegible]	10.7
[illegible]	.1	.[illegible]	1.0	.[illegible]	.1							2.3	9.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.6	.5	2.4	.2							4.2	10.4
NNE		.7	.7	.7	.1							1.8	10.7
NE	1.8	.6	1.4	.7		.2						5.1	6.9
ENE	1.4	1.2	1.4	.7	.4							5.3	7.2
E	2.1	1.3	2.1	1.4								7.4	7.0
ESE	1.2	.2	1.2	.1								3.5	6.7
SE	.4	.4	.5	.6								1.8	7.3
SSE	.8	.2	.5	1.2	.2							3.0	9.2
S	.7	1.8	1.2	2.2	.6							6.5	9.4
SSW	.5	1.6	1.9	2.8	1.4							8.2	11.0
SW	1.2	1.6	3.8	4.7	1.4							12.9	10.4
WSW	1.8	3.6	4.0	5.2	.8	.2		.2				15.9	9.8
W	2.7	3.1	3.0	2.1	1.0							11.8	8.0
WNW	.1	.4	1.3	.5	.1							2.4	8.5
NW	.9	.1	.5	1.2	.1	.2						2.3	11.4
NNW	.4	.2	1.2	1.6								3.4	9.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
		.4	1.1	1.9								3.4	11.0
	1.1	.5	.7	1.1	.1							3.7	7.9
	.8	.7	1.2	.1		.1	.2					4.0	9.1
	1.4	.7	1.1	.	.6							4.7	7.8
	1.2	1.4	2.1	2.4								7.1	7.8
	1.2	.6	1.1	1.4								4.1	7.7
	.4	.2	.7	.7								2.5	7.1
	.2	.6	.4	.4	.1							1.9	8.9
	1.4	1.3	1.2	2.2	.6	.2						6.9	10.3
	1.1	1.1	2.1	4.1	.5	.2						8.9	10.4
	1.3	1.7	3.3	4.1	1.1	.4						12.2	10.2
	1.0	3.4	4.4	5.7	1.1	.4						17.5	9.6
	2.2	2.5	2.7	1.1	.5	.4						10.0	8.0
	.6	.4	.8	.1	.5							2.4	9.2
	.6	.2	.2	.4	.1							1.6	7.2
	.4	.1	.6	1.1								2.4	10.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036990 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: DEC HOURS (LST): 0900-1100

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.4	1.1	2.7	.2							4.0	11.2
NNE	.6	.7	.7	1.1								2.7	8.0
NE	.6	.5	1.3	.7	.2	.4						3.3	9.7
ENE	1.3	.6	1.9	.4	.1							4.6	6.8
E	1.9	.6	1.6	2.2								6.3	7.6
ESE	1.2	.7	1.6	2.4								5.7	8.7
SE	.5	.1	.4	.7	.4							2.4	9.0
SSE	1.1	.4	.6	.4	.5	.1						3.5	9.4
S	.5	.6	1.6	2.7	1.0	.5						6.9	11.2
SSW	.5	.7	1.7	3.4	.2	.2	.1					7.3	11.4
SW	.5	1.7	3.5	5.7	1.1	.1						12.5	10.6
WSW	1.9	3.4	5.3	6.0	1.4	.7						18.8	9.9
W	1.6	2.9	1.9	2.5	.2	.1						9.3	8.0
WNW	.5	1.4	.7	.9	.5	.1						4.1	9.1
NW	.2	.2	1.2	1.1	.1							3.0	9.8
NNW	.1		1.2	1.0	.1	.1						2.5	11.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.3	//////
TOTALS	19.1	14.9	26.2	32.4	6.1	2.4	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03499 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.5	2.2	1.3	.5							5.3	10.7
[illegible]	.2	.1	.2	.8		.4						1.8	11.8
[illegible]	.1	.4	.5	.6	.4							1.9	10.9
[illegible]	.5	.4	1.7	1.0	.1							3.6	8.6
[illegible]	1.4	.7	1.4	1.8	.1							5.5	8.0
[illegible]	.7	.6	1.7	1.7	.1							4.8	8.6
[illegible]	1.3	.6	.7	1.7	.5							4.5	8.4
[illegible]	.5	.4	.5	.7	.6	.1						2.9	10.4
[illegible]	1.0		.7	3.5	.6							5.8	11.3
[illegible]	.6	.4	1.9	4.7	1.3	.4						8.8	12.4
[illegible]	1.0	1.9	3.7	6.4	.8	.2						14.1	10.7
[illegible]	1.5	1.8	6.2	5.5	2.4	.6						18.1	11.0
[illegible]	.5	1.8	3.1	2.3	.7	.5						8.9	10.4
[illegible]	.5	.6	.7	2.1	.7	.2						4.8	11.6
[illegible]	.1	.7	1.2	1.7	.2							3.9	10.4
[illegible]	.1	.6	1.3	1.7	.2							4.0	10.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.3	1.7	2.1	.9		.1					6.1	9.7
NNE	.5	.2	.6	.4		.4						2.1	10.2
NE	.5	.2	.6	.7	.1							2.2	8.6
ENE	1.0	.5	1.8	.7	.4							4.4	8.4
E	1.7	1.5	1.2	1.4	.2							6.2	7.5
ESE	1.0	.9	.6	1.1								3.5	7.0
SE	.7	.9	.5	1.0								3.0	7.4
SSE	.2	1.1	1.6	.9	.1							3.9	8.5
S	.9	1.0	1.5	2.9	.6							6.8	10.3
SSW	.6	2.0	3.3	3.6	.6	.5						11.4	10.4
SW	1.0	2.7	4.3	4.3	.9							13.6	9.1
WSW	1.5	3.0	3.5	5.1	1.7	.6	.2					15.7	10.7
W	1.0	1.9	2.2	1.0	.5	.4						8.0	9.1
WNW	.5	1.2	1.2	.6	.4	.1						4.0	8.9
NW	.1	.6	.6	1.1	.3							2.7	10.2
NNW		.4	2.1	1.1	.2							3.8	9.9
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 1900-2000

DIRECTION (FROM) / SPEED	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1	.5	1.7	1.4	.2	.1	.2					4.3	11.4
NNE	1.0	.7	.2	.7		.2						2.4	8.2
NE	1.4	.6	.2	1.1								3.3	6.0
ENE	2.2	.8	1.6	1.7	.4							6.3	7.5
E	1.3	1.9	.8	1.1	.4	.1						6.0	7.2
ESE	1.0	1.1	1.2	.8	.2							4.3	7.6
SE	.7	1.0	.8	.5	.2	.2						3.9	8.9
SSE	.6	.1	.9	1.0		.1						2.7	9.5
S	1.3	1.1	1.2	2.4	.7	.4						7.6	9.7
SSW	.5	1.3	2.8	4.5	1.1	.4						10.5	11.4
SW	1.2	2.4	4.1	3.5	1.2	.1						13.0	9.6
WSW	1.9	2.5	3.9	4.7	1.1	.4						14.0	9.6
W	1.7	2.0	3.0	.5	1.2	.1	.2					8.8	8.6
WNW	.6	.7	1.3	.7								3.4	7.8
NW	.1	1.1	1.0	.6								2.8	8.0
NNW	.4	.9	.8	1.4	.2							3.7	9.7
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.4	1.2	2.1	.6	.1						4.7	11.7
NE	1.0	.4	.7	.5								2.5	6.1
E	.3	.6	.8	1.1	.2							3.6	8.2
SE	1.3	1.1	.6	1.6		.2						4.9	6.9
S	2.6	1.6	1.2	1.1	.2	.1						6.9	6.5
SW	1.3	1.0	1.9	1.2		.1						5.4	7.9
W	.5	.5	.8	.7	.2	.1						2.9	9.3
NW	.4	.2	.2	.6	.4							1.8	10.6
C	1.2	1.1	.6	1.9								4.9	8.3
NNE	1.1	2.2	2.2	3.2	1.4	.5	.2					10.8	11.2
ENE	1.8	2.3	3.1	4.2	.8	.5						13.5	10.0
ESE	1.3	4.0	3.8	3.5	1.6	.4						15.0	9.3
SSE	1.6	3.4	3.1	1.7	.9	.2						10.8	8.5
SSW	.5	.8	1.1	.5	.2		.1					3.4	8.7
WSW	.1	.1	.7	1.1	.1							2.2	10.6
WNW	.2	.6	1.0	.7								2.5	8.5
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (GEOG_EST)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.5	1.4	2.[illegible]	.3	.0	.0					4.6	10.7
[illegible]	.[illegible]	.3	.6	.[illegible]	.1	.1						2.5	8.8
NE	.9	.5	.9	.7	.1	.1	.0					3.3	8.1
[illegible]	1.4	.9	1.4	.[illegible]	.3	.1						4.8	7.6
E	1.9	1.3	1.6	1.7	.1	.0						6.7	7.2
[illegible]SE	.9	.9	1.3	1.2	.0	.0						4.4	7.7
SE	.8	.6	.6	.[illegible]	.2	.0						2.9	7.9
[illegible]SE	.6	.4	.6	.[illegible]	.3	.0						2.8	9.4
S	1.1	.9	1.1	2.[illegible]	.6	.2						6.3	10.1
SW	.7	1.4	2.3	3.[illegible]	1.0	.3	.1	.0				9.5	11.2
WSW	1.4	2.0	3.9	4.[illegible]	1.1	.2	.0					13.2	10.0
[illegible]W	1.[illegible]	3.1	4.3	5.1	1.5	.4	.0	.0				16.2	10.0
W	1.[illegible]	2.6	2.7	1.7	.7	.2	.0					9.8	8.4
[illegible]W	.5	.9	1.0	.[illegible]	.3	.1	.0					3.5	9.4
NW	.2	.4	.8	.[illegible]	.2	.0						2.4	9.9
[illegible]NW	.2	.4	1.2	1.[illegible]	.1	.0						3.1	9.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.4	2.2	1.7	.3	.1	.1					6.5	8.7
NNE	1.1	1.1	1.6	1.0	.3	.1						5.3	8.3
NE	1.1	1.1	1.8	1.7	.4	.1	.1					6.3	9.0
ENE	1.0	.9	1.4	1.0	.4	.1	.1					5.0	8.7
E	1.4	1.0	1.1	.7	.1	.0	.0					4.5	6.9
ESE	.5	.7	.7	.5	.1	.0						2.8	6.7
SE	.6	.5	.6	.4	.1	.1						2.3	7.0
SSE	.7	.5	.6	.6	.1	.0	.0					2.5	7.5
S	1.1	1.1	1.5	1.4	.2	.1						5.5	8.2
SSW	1.1	1.7	2.1	2.0	.6	.1	.1	.0				7.6	9.6
SW	1.5	2.1	3.3	3.1	.6	.1	.1					10.7	9.0
WSW	2.1	3.2	4.7	4.2	.9	.2	.1	.1				15.1	9.0
W	1.2	2.5	2.7	2.3	.5	.1	.1	.1				10.1	8.0
WNW	.7	.9	1.3	1.0	.3	.1	.1	.0				4.5	8.9
NW	.5	.8	1.3	1.0	.2	.0	.0					3.9	8.8
NNW	.5	.8	1.4	1.1	.2	.0	.0					4.2	8.6
VARIABLE	.0											.0	2.0
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

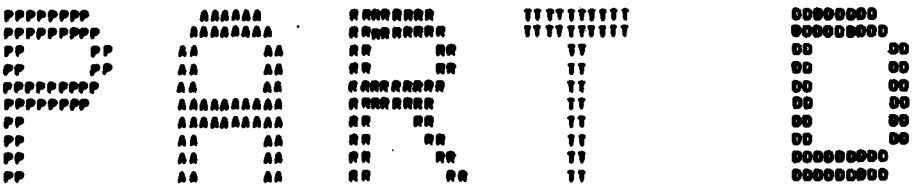
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (TENS OF DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	.9	1.3	1.8	1.7	.3	.1	.0					6.1	8.9
[illegible]	1.4	1.3	1.8	1.6	.5	.1						6.7	8.5
[illegible]	1.6	1.4	2.6	2.1	.5	.1	.0					8.3	8.8
[illegible]	1.3	1.2	2.1	1.9	.4	.1						7.0	8.8
[illegible]	1.4	1.3	1.9	1.2	.1	.0						5.8	6.8
[illegible]	1.0	1.1	1.7	.7	.1	.0						4.1	6.9
[illegible]	.8	.9	1.1	.7	.1	.0						3.7	7.5
[illegible]	.6	.6	.8	.7	.2	.0	.0					3.2	8.0
[illegible]	1.2	1.0	1.6	1.9	.4	.2						6.9	9.0
[illegible]	.9	1.1	2.3	3.4	1.2	.3	.0					9.6	11.3
[illegible]	1.2	1.5	3.2	4.2	1.0	.2	.0					11.5	10.3
[illegible]	1.0	2.0	3.0	4.1	1.1	.7	.0					12.3	10.0
[illegible]	1.9	1.0	.9	.4	.1	.1	.0					4.8	6.2
[illegible]	.6	.4	.3	.2	.1							1.5	6.0
[illegible]	.4	.4	.5	.2	.1	.1						1.7	7.9
[illegible]	.8	.8	.7	.5	.1	.0	.0					2.4	7.8
VARIABLE													
CALM	////////////



CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	28.1	29.3	29.3	29.2	29.7	29.8	29.4	29.7	29.3	30.1	30.1	30.3	30.4	30.6	30.7	31.2
GE 25000	34.3	29.7	31.9	33.5	34.0	34.8	35.2	35.8	36.7	36.7	37.0	37.1	37.2	37.4	37.9	
GE 20000	34.3	29.7	31.9	33.5	34.0	34.8	35.2	35.8	36.7	36.7	37.0	37.1	37.2	37.4	37.9	
GE 15000	34.3	29.7	31.9	33.5	34.0	34.8	35.2	35.8	36.7	36.7	37.0	37.1	37.2	37.4	37.9	
GE 10000	34.6	29.9	32.2	33.7	34.2	35.1	35.5	36.1	37.0	37.0	37.2	37.4	37.5	37.6	38.1	
GE 7000	35.3	29.6	33.9	33.2	34.8	35.5	36.4	37.0	37.6	38.5	38.5	38.7	38.9	39.0	39.1	39.6
GE 5000	31.7	30.3	32.2	34.7	36.4	37.1	38.1	39.0	39.6	40.5	40.5	40.8	40.9	41.0	41.1	41.6
GE 4000	31.4	31.1	32.5	35.1	36.7	37.5	38.5	39.4	40.0	40.9	40.9	41.1	41.3	41.4	41.5	42.0
GE 3000	31.4	31.1	32.5	35.1	36.7	37.5	38.5	39.4	40.0	40.9	40.9	41.1	41.3	41.4	41.5	42.0
GE 2000	31.7	31.4	32.8	35.5	37.1	37.9	38.9	39.7	40.4	41.3	41.3	41.5	41.6	41.8	41.9	42.4
GE 1000	29.7	30.8	34.3	37.0	38.6	39.4	40.4	41.5	42.3	43.1	43.1	43.4	43.5	43.6	43.8	44.3
GE 500	27.9	29.1	36.9	40.6	41.4	42.3	44.2	45.7	46.4	47.4	47.4	47.7	47.8	48.1	48.2	48.7
GE 400	27.4	27.6	36.7	42.3	44.1	45.0	46.3	48.1	48.9	49.8	49.8	50.1	50.2	50.4	50.6	51.1
GE 300	29.8	29.9	40.1	43.8	46.1	47.2	48.4	51.4	51.2	52.2	52.2	52.5	52.6	52.8	53.1	53.6
GE 200	26.7	28.9	41.4	45.2	47.5	48.7	49.9	52.1	52.4	53.6	53.8	54.1	54.2	54.5	54.7	55.2
GE 100	27.9	41.5	48.0	47.7	50.3	51.6	52.8	55.0	55.7	56.7	56.7	57.0	57.1	57.4	57.6	58.1
GE 25000	34.9	48.8	46.4	50.1	53.1	54.5	55.9	58.0	58.9	59.9	59.9	60.1	60.3	60.6	60.9	61.4
GE 20000	35.2	49.9	51.6	54.8	56.5	58.4	62.1	64.8	65.8	66.6	66.8	67.0	67.2	67.5	67.8	68.3
GE 15000	35.7	44.6	52.3	56.6	60.5	62.6	64.7	67.4	68.6	69.6	69.6	69.8	69.9	70.3	70.6	71.1
GE 10000	37.6	51.2	54.1	58.5	62.4	64.5	66.8	70.1	71.3	72.3	72.3	72.6	72.7	73.1	73.3	73.8
GE 7000	38.7	54.6	57.6	62.6	66.9	69.4	71.7	75.0	76.2	77.4	77.4	77.6	77.7	78.1	78.4	78.9
GE 5000	39.6	57.4	61.6	65.9	70.4	73.5	75.8	79.1	80.4	81.5	81.6	81.9	82.0	82.4	82.6	83.1
GE 4000	39.7	58.1	61.8	66.5	71.2	74.2	76.6	79.9	81.1	82.2	82.4	82.6	82.8	83.1	83.4	83.9
GE 3000	39.8	58.5	62.3	67.1	71.9	74.9	77.4	80.9	82.2	83.4	83.5	83.8	83.9	84.3	84.6	85.2
GE 2000	39.8	59.7	63.8	70.2	75.2	78.2	80.6	84.3	85.6	86.9	87.1	87.3	87.4	87.9	88.2	88.7
GE 1000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 500	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 400	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 300	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 200	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 100	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 0	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
NO CEIL	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 25000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 20000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 15000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 10000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 7000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 5000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 4000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 3000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 2000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 1000	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 500	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 400	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 300	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 200	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 100	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7
GE 0	39.8	59.8	64.0	70.4	75.6	78.6	81.0	85.0	86.4	87.9	88.1	88.3	88.4	88.9	89.2	89.7

TOTAL NUMBER OF OBSERVATIONS: 795

CLIMATOLOGY BRANCH
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 23049 STATION NAME: RAF LM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS														
	1+	1	1/2	1/4	1/8	0	1/4	1/2	1	2	3	4	5	6	7
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	22	20	16	12	10	8	5	4	3	2	1.5	1.2	1.0	0.8	0.6
22+	29.5	30.6	30.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
20	36.2	36.4	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
18	36.2	36.4	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
16	36.3	36.6	36.6	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
14	36.7	37.1	37.3	37.3	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
12	38.4	38.7	39.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
10	41.3	41.0	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
9	42.1	42.1	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
8	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
7	42.3	42.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
6	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
5	46.2	47.1	47.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
4.5	47.5	47.7	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
4	50.3	50.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
3.5	52.5	52.8	52.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
3	54.1	54.4	54.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
2.5	56.0	56.4	56.7	56.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
2	61.9	62.3	62.6	62.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
1.5	64.4	64.8	65.1	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
1	69.3	69.7	70.0	70.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0.5	75.3	75.6	75.9	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
0	79.9	80.3	80.5	80.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
M	81.7	82.3	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
M	84.4	84.8	85.1	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
M	86.6	86.9	87.2	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
M	88.7	88.1	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
M	89.4	89.7	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
M	91.0	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
M	93.1	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
M	93.7	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
M	94.5	95.0	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
M	94.7	95.2	97.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03685 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 50	GE 30	GE 20	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0
90 CEIL	24.3	24.3	26.7	28.6	28.6	29.3	30.3	30.8	30.8	30.9	31.1	31.1	31.3	31.3	31.6
[illegible]	26.9	27.7	30.1	32.2	32.5	33.5	34.5	35.0	35.1	35.2	35.3	35.3	35.6	35.6	36.0
[illegible]	26.9	27.7	30.1	32.2	32.5	33.5	34.5	35.0	35.1	35.2	35.3	35.3	35.6	35.6	36.0
[illegible]	27.0	27.8	30.2	32.3	32.6	33.6	34.6	35.1	35.2	35.3	35.5	35.5	35.7	35.7	36.1
[illegible]	28.1	29.1	31.4	33.6	33.8	34.8	35.8	36.4	36.5	36.6	36.7	36.7	37.0	37.0	37.4
[illegible]	28.7	29.8	32.1	34.2	34.5	35.5	36.5	37.0	37.1	37.2	37.4	37.4	37.6	37.6	38.0
[illegible]	32.4	33.4	35.2	36.2	36.5	37.5	38.7	39.4	39.5	39.6	39.7	39.7	40.0	40.0	40.5
[illegible]	32.6	33.7	35.6	36.7	37.0	38.0	39.2	39.9	40.0	40.1	40.3	40.3	40.5	40.5	41.0
[illegible]	33.4	34.5	36.3	37.4	37.7	38.7	39.9	40.6	40.7	40.8	41.0	41.0	41.2	41.2	41.7
[illegible]	34.1	35.2	37.0	38.1	38.4	39.4	40.6	41.3	41.4	41.5	41.7	41.7	41.9	41.9	42.4
[illegible]	34.6	35.7	37.5	38.7	39.0	40.0	41.4	42.0	42.1	42.2	42.4	42.4	42.6	42.6	43.1
[illegible]	34.6	35.7	37.5	38.7	39.0	40.0	41.4	42.0	42.1	42.5	42.6	42.6	42.9	42.9	43.4
[illegible]	34.6	35.7	38.7	41.5	42.0	43.6	45.2	45.9	46.0	46.4	46.7	46.7	46.9	46.9	47.4
[illegible]	35.8	37.0	40.1	42.6	43.4	45.2	46.7	47.4	47.5	47.9	48.2	48.6	48.8	48.8	49.3
[illegible]	37.0	38.5	41.6	44.4	45.2	46.9	48.6	49.4	49.6	49.9	50.2	50.6	50.8	50.8	51.3
[illegible]	38.0	39.9	43.1	46.3	46.9	48.8	50.4	51.3	51.4	51.8	52.1	52.5	52.7	52.7	53.2
[illegible]	39.4	41.3	42.6	45.9	48.7	49.7	51.6	53.3	54.7	54.8	55.2	55.5	55.8	56.1	56.6
[illegible]	41.1	43.0	45.3	48.9	51.7	52.7	54.7	56.5	58.0	58.1	58.5	58.7	59.1	59.4	59.9
[illegible]	41.7	43.5	45.9	49.5	52.3	53.4	55.4	57.2	58.7	58.8	59.2	59.4	59.8	60.1	60.6
[illegible]	42.3	44.2	46.6	50.3	53.1	54.2	56.2	58.0	59.5	59.6	60.0	60.2	60.6	60.9	61.4
[illegible]	43.1	45.0	47.4	51.1	53.9	55.0	57.0	58.8	60.3	60.4	60.8	61.0	61.4	61.7	62.2
[illegible]	43.2	45.1	47.5	51.2	54.0	55.1	57.1	58.9	60.4	60.5	60.9	61.1	61.5	61.8	62.3
[illegible]	43.4	45.3	47.7	51.4	54.2	55.3	57.3	59.1	60.6	60.7	61.1	61.3	61.7	62.0	62.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM POLPLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 9	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0						
NO CEIL	16.4	20.5	21.7	23.6	24.2	24.8	25.0	26.2	26.9	27.1	27.2	27.2	27.2	27.4	27.4	27.5
GE 20000	21.0	26.5	27.6	30.3	31.7	32.3	32.6	34.7	35.7	36.4	36.5	36.5	36.5	36.6	36.6	37.0
GE 15000	21.0	26.5	27.6	30.3	31.8	32.4	33.0	34.9	35.9	36.5	36.6	36.6	36.6	36.8	36.8	37.1
GE 10000	21.0	26.5	27.6	30.3	31.8	32.4	33.0	34.9	35.9	36.5	36.6	36.6	36.6	36.8	36.8	37.1
GE 9000	21.2	27.9	29.2	31.7	33.2	34.0	34.5	36.4	37.4	38.2	38.1	38.1	38.1	38.3	38.3	38.7
GE 8000	21.2	28.0	29.2	30.2	32.6	34.5	35.2	35.7	37.6	38.7	39.3	39.4	39.4	39.4	39.5	39.9
GE 7000	25.7	31.2	32.4	35.1	36.8	37.6	38.3	40.3	41.3	42.0	42.1	42.1	42.1	42.2	42.2	42.7
GE 6000	25.7	31.7	33.0	35.6	37.3	38.3	38.8	41.1	42.1	42.7	42.8	42.8	42.8	43.0	43.0	43.5
GE 5000	25.8	31.7	33.0	35.6	37.3	38.3	38.8	41.1	42.1	42.7	42.9	42.8	42.8	43.0	43.0	43.5
GE 4000	26.0	31.8	33.2	35.9	37.5	38.5	39.0	41.3	42.3	43.0	43.1	43.1	43.1	43.2	43.2	43.7
GE 3000	26.6	32.4	33.8	36.6	38.3	39.3	39.8	42.1	43.1	43.7	43.9	43.9	43.9	44.0	44.0	44.5
GE 2500	26.7	34.3	36.0	39.0	40.9	42.3	43.3	46.1	47.3	48.2	48.7	48.7	48.7	48.9	49.9	49.4
GE 2000	27.6	36.0	37.9	40.9	42.8	44.5	45.5	48.3	49.6	50.4	51.2	51.2	51.2	51.5	51.5	52.0
GE 1500	28.0	38.1	40.1	43.2	45.1	46.8	47.8	51.0	52.3	53.2	54.0	54.0	54.0	54.2	54.2	54.8
GE 1000	30.7	39.8	41.7	44.9	46.8	48.4	49.4	52.6	54.3	54.9	55.6	55.6	55.6	55.9	55.9	56.4
GE 900	31.1	41.7	44.0	47.4	49.2	51.0	52.0	55.3	56.7	57.7	58.4	58.4	58.4	58.7	58.7	59.2
GE 800	31.9	43.3	45.6	49.0	51.0	52.6	53.7	57.3	58.8	59.8	60.6	60.6	60.6	60.8	60.8	61.3
GE 700	32.4	46.0	50.7	54.2	56.1	57.8	59.2	62.9	64.4	65.4	66.2	66.2	66.2	66.5	66.5	67.0
GE 600	36.1	49.4	52.1	55.6	57.7	59.4	60.8	64.6	66.2	67.2	67.9	67.9	67.9	68.3	68.3	68.8
GE 500	36.6	50.8	53.9	57.7	59.9	61.7	63.1	67.0	68.7	69.7	70.5	70.5	70.5	70.8	70.8	71.4
GE 400	38.4	54.2	57.7	61.6	63.8	65.8	67.9	72.1	73.9	74.9	75.7	75.7	75.7	76.0	76.0	76.6
GE 300	39.8	56.9	59.8	63.9	66.2	68.2	70.3	74.7	76.4	77.4	78.2	78.2	78.2	78.6	78.6	79.1
GE 250	39.8	56.9	60.1	64.3	66.6	68.6	70.8	75.2	76.9	77.9	78.7	78.7	78.7	79.1	79.1	79.6
GE 200	39.8	57.5	61.9	66.5	68.9	71.0	73.3	77.9	79.7	80.7	81.5	81.5	81.5	81.9	81.9	82.4
GE 150	39.8	58.2	62.9	67.7	70.1	72.2	74.4	79.0	81.5	82.8	83.5	83.5	83.5	83.9	83.9	84.4
GE 100	39.8	58.9	64.1	69.2	72.1	74.3	76.8	82.0	83.9	85.2	85.9	85.9	85.9	86.3	86.3	86.8
GE 90	39.8	59.2	64.4	69.6	73.3	75.7	78.2	83.9	85.8	87.2	88.0	88.0	89.0	88.3	88.3	88.8
GE 80	39.8	59.6	64.9	70.6	74.5	77.6	80.2	86.5	88.5	89.9	90.6	90.6	91.6	91.1	91.1	91.6
GE 70	39.8	59.6	64.9	70.7	75.2	77.6	80.7	87.1	89.6	91.5	92.3	92.3	92.9	92.9	92.9	93.4
GE 60	39.8	59.6	64.9	70.7	75.2	77.9	80.7	87.3	90.1	92.8	94.3	94.3	94.4	95.1	95.2	96.2
GE 50	39.8	59.6	64.9	70.7	75.2	77.9	80.7	87.3	90.1	92.8	94.6	94.6	94.7	95.3	95.4	97.0
GE 0	39.8	59.6	64.9	70.7	75.2	77.9	80.7	87.3	90.1	92.9	94.8	94.8	94.9	95.9	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: [illegible] NORTON AFB CA

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
[illegible]	19.8	21.1	21.7	22.6	23.1	23.4	23.4	24.0	24.0	24.0	24.3	24.3	24.3	24.3	24.3	24.3
[illegible]	[illegible]	30.6	31.1	32.5	33.1	33.6	34.0	35.0	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3
[illegible]	[illegible]	30.6	31.1	32.5	33.1	33.6	34.0	35.0	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3
[illegible]	[illegible]	30.7	31.2	32.6	33.2	33.8	34.1	35.1	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4
[illegible]	[illegible]	[illegible]	31.6	33.2	33.9	34.4	34.8	35.9	35.9	35.9	36.3	36.3	36.3	36.3	36.3	36.3
[illegible]	[illegible]	31.1	31.9	33.1	34.5	35.1	35.7	36.8	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5
[illegible]	[illegible]	[illegible]	35.5	37.2	38.1	38.6	38.9	40.1	40.1	40.1	40.5	40.5	40.5	40.5	40.5	40.5
[illegible]	[illegible]	34.8	36.4	38.1	39.9	40.4	39.8	41.0	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3
[illegible]	[illegible]	34.9	36.5	38.2	39.1	39.6	39.9	41.1	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5
[illegible]	[illegible]	34.9	36.5	38.2	39.1	39.6	39.9	41.1	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5
[illegible]	[illegible]	35.3	36.9	38.6	39.4	39.9	40.3	41.7	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1
[illegible]	[illegible]	37.4	39.1	41.1	42.6	43.4	44.2	45.6	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1
[illegible]	[illegible]	42.3	42.3	44.2	46.7	47.4	48.2	49.8	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3
[illegible]	[illegible]	43.4	44.7	46.4	48.4	49.6	51.6	52.6	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	[illegible]	43.5	45.1	47.7	49.7	51.0	51.8	53.9	54.0	54.0	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	[illegible]	43.7	45.0	46.9	49.7	51.7	53.0	54.0	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5
[illegible]	[illegible]	46.9	47.1	51.4	53.4	56.2	56.5	58.4	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0
[illegible]	[illegible]	52.3	54.5	57.6	59.9	62.2	63.7	64.7	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2
[illegible]	[illegible]	[illegible]	56.2	58.4	60.1	62.2	63.6	65.4	67.4	67.6	67.6	68.0	68.0	68.0	68.0	68.0
[illegible]	[illegible]	55.5	57.7	60.5	62.6	64.7	66.2	68.0	70.0	70.3	70.3	70.7	70.7	70.7	70.7	70.7
[illegible]	[illegible]	[illegible]	61.7	63.5	65.8	67.8	70.3	71.9	74.1	76.2	76.5	76.5	76.9	76.9	76.9	76.9
[illegible]	[illegible]	[illegible]	63.2	65.2	67.5	69.6	72.2	73.8	77.2	77.6	79.9	79.9	80.3	80.3	80.3	80.3
[illegible]	[illegible]	[illegible]	63.2	66.5	68.8	71.4	74.5	76.9	79.8	81.4	81.7	81.7	82.2	82.2	82.2	82.2
[illegible]	[illegible]	[illegible]	64.1	67.9	70.2	72.9	76.1	78.5	81.2	83.7	83.9	83.9	84.5	84.5	84.5	84.5
[illegible]	[illegible]	[illegible]	64.6	68.4	70.7	73.7	76.9	79.9	82.3	84.8	85.0	85.0	85.4	85.4	85.8	85.8
[illegible]	[illegible]	[illegible]	65.2	69.4	71.8	74.8	78.0	[illegible]	84.5	87.5	88.1	88.1	88.9	88.9	88.9	88.9
[illegible]	[illegible]	[illegible]	65.4	70.0	72.6	75.8	79.2	82.2	86.7	89.4	90.4	91.2	91.9	91.9	91.9	91.9
[illegible]	[illegible]	[illegible]	65.4	70.0	72.6	75.8	79.2	82.2	86.8	89.8	91.4	92.9	93.7	93.8	93.8	93.8
[illegible]	[illegible]	[illegible]	65.4	70.0	72.6	75.8	79.2	82.2	86.8	89.9	91.5	93.2	94.4	95.2	95.3	95.3
[illegible]	[illegible]	[illegible]	65.4	70.0	72.6	76.1	79.5	82.5	86.9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	15.4	21.9	22.9	23.8	24.4	24.4	24.8	25.0	25.2	25.2	25.4	25.4	25.5	25.5	25.5	25.5
GE [illegible]	27.0	34.2	35.6	36.9	37.9	38.4	38.9	39.4	39.5	39.5	39.7	39.7	39.9	39.9	39.9	39.9
GE 18[illegible]	27.0	34.3	35.7	37.0	38.0	38.5	39.0	39.5	39.6	39.6	39.9	39.9	40.0	40.0	40.0	40.0
GE 16 [illegible]	27.0	34.3	35.7	37.0	38.0	38.5	39.0	39.5	39.6	39.6	39.9	39.9	40.0	40.0	40.0	40.0
GE 14 [illegible]	27.0	35.2	36.4	37.9	38.9	39.4	39.9	40.6	40.8	40.8	41.0	41.0	41.1	41.1	41.1	41.1
GE 12[illegible]	27.4	35.5	36.9	38.5	39.6	40.1	40.6	41.4	41.5	41.5	41.8	41.8	41.9	41.9	41.9	41.9
GE 10[illegible]	27.5	36.1	39.7	41.5	42.6	43.1	43.6	44.5	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.0
GE 9[illegible]	27.5	36.9	40.5	42.3	43.4	43.9	44.4	45.3	45.4	45.4	45.7	45.7	45.8	45.8	45.8	45.8
GE 8[illegible]	27.9	38.6	42.5	44.3	45.4	45.9	46.4	47.3	47.5	47.5	47.8	47.8	47.9	47.9	47.9	47.9
GE 7[illegible]	28.1	39.1	43.0	44.8	46.0	46.5	47.0	47.9	48.1	48.1	48.4	48.4	48.5	48.5	48.5	48.5
GE 6[illegible]	28.3	39.7	43.5	45.4	46.5	47.0	47.5	48.5	48.7	48.7	49.0	49.0	49.1	49.1	49.1	49.1
GE 5[illegible]	28.7	40.4	44.1	46.0	47.1	47.6	48.1	49.1	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7
GE 4[illegible]	29.0	41.4	45.3	47.2	48.3	48.8	49.3	50.3	50.5	50.5	50.8	50.8	50.9	50.9	50.9	50.9
GE 3[illegible]	29.7	42.6	46.5	48.6	49.7	50.2	50.8	51.8	52.0	52.0	52.3	52.3	52.4	52.4	52.4	52.4
GE 2[illegible]	29.8	44.2	48.2	50.4	51.6	52.2	52.8	53.8	54.0	54.0	54.3	54.3	54.4	54.4	54.4	54.4
GE 1[illegible]	29.8	46.5	49.4	51.2	52.2	52.8	53.4	54.4	54.6	54.6	54.9	54.9	55.0	55.0	55.0	55.0
GE [illegible]	29.8	49.7	51.8	53.6	54.6	55.2	55.8	56.8	57.0	57.0	57.3	57.3	57.4	57.4	57.4	57.4
GE [illegible]	29.8	54.5	57.3	59.3	60.3	60.8	61.4	62.4	62.6	62.6	62.9	62.9	63.0	63.0	63.0	63.0
GE [illegible]	29.8	56.2	59.2	61.2	62.3	62.8	63.4	64.4	64.6	64.6	64.9	64.9	65.0	65.0	65.0	65.0
GE [illegible]	29.8	57.2	60.2	62.3	63.4	63.9	64.5	65.5	65.7	65.7	66.0	66.0	66.1	66.1	66.1	66.1
GE [illegible]	29.8	61.5	64.4	66.9	68.0	68.5	69.1	70.1	70.3	70.3	70.6	70.6	70.7	70.7	70.7	70.7
GE [illegible]	29.8	62.5	65.5	68.0	69.1	69.6	70.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8
GE [illegible]	29.8	63.1	66.2	68.7	69.8	70.3	70.9	71.9	72.1	72.1	72.4	72.4	72.5	72.5	72.5	72.5
GE [illegible]	29.8	64.2	67.3	69.8	70.9	71.4	72.0	73.0	73.2	73.2	73.5	73.5	73.6	73.6	73.6	73.6
GE [illegible]	29.8	64.7	67.8	70.3	71.4	71.9	72.5	73.5	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1
GE [illegible]	29.8	65.2	68.3	70.8	71.9	72.4	73.0	74.0	74.2	74.2	74.5	74.5	74.6	74.6	74.6	74.6
GE [illegible]	29.8	65.7	68.8	71.3	72.4	72.9	73.5	74.5	74.7	74.7	75.0	75.0	75.1	75.1	75.1	75.1
GE [illegible]	29.8	66.2	69.3	71.8	72.9	73.4	74.0	75.0	75.2	75.2	75.5	75.5	75.6	75.6	75.6	75.6
GE [illegible]	29.8	66.7	69.8	72.3	73.4	73.9	74.5	75.5	75.7	75.7	76.0	76.0	76.1	76.1	76.1	76.1
GE [illegible]	29.8	67.2	70.3	72.8	73.9	74.4	75.0	76.0	76.2	76.2	76.5	76.5	76.6	76.6	76.6	76.6
GE [illegible]	29.8	67.7	70.8	73.3	74.4	74.9	75.5	76.5	76.7	76.7	77.0	77.0	77.1	77.1	77.1	77.1
GE [illegible]	29.8	68.2	71.3	73.8	74.9	75.4	76.0	77.0	77.2	77.2	77.5	77.5	77.6	77.6	77.6	77.6
GE [illegible]	29.8	68.7	71.8	74.3	75.4	75.9	76.5	77.5	77.7	77.7	78.0	78.0	78.1	78.1	78.1	78.1
GE [illegible]	29.8	69.2	72.3	74.8	75.9	76.4	77.0	78.0	78.2	78.2	78.5	78.5	78.6	78.6	78.6	78.6
GE [illegible]	29.8	69.7	72.8	75.3	76.4	76.9	77.5	78.5	78.7	78.7	79.0	79.0	79.1	79.1	79.1	79.1
GE [illegible]	29.8	70.2	73.3	75.8	76.9	77.4	78.0	79.0	79.2	79.2	79.5	79.5	79.6	79.6	79.6	79.6
GE [illegible]	29.8	70.7	73.8	76.3	77.4	77.9	78.5	79.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1
GE [illegible]	29.8	71.2	74.3	76.8	77.9	78.4	79.0	80.0	80.2	80.2	80.5	80.5	80.6	80.6	80.6	80.6
GE [illegible]	29.8	71.7	74.8	77.3	78.4	78.9	79.5	80.5	80.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1
GE [illegible]	29.8	72.2	75.3	77.8	78.9	79.4	80.0	81.0	81.2	81.2	81.5	81.5	81.6	81.6	81.6	81.6
GE [illegible]	29.8	72.7	75.8	78.3	79.4	79.9	80.5	81.5	81.7	81.7	82.0	82.0	82.1	82.1	82.1	82.1
GE [illegible]	29.8	73.2	76.3	78.8	79.9	80.4	81.0	82.0	82.2	82.2	82.5	82.5	82.6	82.6	82.6	82.6
GE [illegible]	29.8	73.7	76.8	79.3	80.4	80.9	81.5	82.5	82.7	82.7	83.0	83.0	83.1	83.1	83.1	83.1
GE [illegible]	29.8	74.2	77.3	79.8	80.9	81.4	82.0	83.0	83.2	83.2	83.5	83.5	83.6	83.6	83.6	83.6
GE [illegible]	29.8	74.7	77.8	80.3	81.4	81.9	82.5	83.5	83.7	83.7	84.0	84.0	84.1	84.1	84.1	84.1
GE [illegible]	29.8	75.2	78.3	80.8	81.9	82.4	83.0	84.0	84.2	84.2	84.5	84.5	84.6	84.6	84.6	84.6
GE [illegible]	29.8	75.7	78.8	81.3	82.4	82.9	83.5	84.5	84.7	84.7	85.0	85.0	85.1	85.1	85.1	85.1
GE [illegible]	29.8	76.2	79.3	81.8	82.9	83.4	84.0	85.0	85.2	85.2	85.5	85.5	85.6	85.6	85.6	85.6
GE [illegible]	29.8	76.7	79.8	82.3	83.4	83.9	84.5	85.5	85.7	85.7	86.0	86.0	86.1	86.1	86.1	86.1
GE [illegible]	29.8	77.2	80.3	82.8	83.9	84.4	85.0	86.0	86.2	86.2	86.5	86.5	86.6	86.6	86.6	86.6
GE [illegible]	29.8	77.7	80.8	83.3	84.4	84.9	85.5	86.5	86.7	86.7	87.0	87.0	87.1	87.1	87.1	87.1
GE [illegible]	29.8	78.2	81.3	83.8	84.9	85.4	86.0	87.0	87.2	87.2	87.5	87.5	87.6	87.6	87.6	87.6
GE [illegible]	29.8	78.7	81.8	84.3	85.4	85.9	86.5	87.5	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1
GE [illegible]	29.8	79.2	82.3	84.8	85.9	86.4	87.0	88.0	88.2	88.2	88.5	88.5	88.6	88.6	88.6	88.6
GE [illegible]	29.8	79.7	82.8	85.3	86.4	86.9	87.5	88.5	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1
GE [illegible]	29.8	80.2	83.3	85.8	86.9	87.4	88.0	89.0	89.2	89.2	89.5	89.5	89.6	89.6	89.6	89.6
GE [illegible]	29.8	80.7	83.8	86.3	87.4	87.9	88.5	89.5	89.7	89.7	90.0	90.0	90.1	90.1	90.1	90.1
GE [illegible]	29.8	81.2	84.3	86.8	87.9	88.4	89.0	90.0	90.2	90.2	90.5	90.5	90.6	90.6	90.6	90.6
GE [illegible]	29.8	81.7	84.8	87.3	88.4	88.9	89.5	90.5	90.7	90.7	91.0	91.0	91.1	91.1	91.1	91.1
GE [illegible]	29.8	82.2	85.3	87.8	88.9	89.4	90.0	91.0	91.2	91.2	91.5	91.5	91.6	91.6	91.6	91.6
GE [illegible]	29.8	82.7	85.8	88.3	89.4	89.9	90.5	91.5	91.7	91.7	92.0	92.0	92.1	92.1	92.1	92.1
GE [illegible]	29.8	83.2	86.3	88.8	89.9	90.4	91.0	92.0	92.2	92.2	92.5	92.5	92.6	92.6	92.6	92.6
GE [illegible]	29.8	83.7	86.8	89.3	90.4	90.9	91.5	92.5	92.7	92.7	93.0	93.0	93.1	93.1	93.1	93.1
GE [illegible]	29.8	84.2	87.3	89.8	90.9	91.4	92.0	93.0	93.2	93.2	93.5	93.5	93.6	93.6	93.6	93.6
GE [illegible]	29.8	84.7	87.8	90.3	91.4	91.9	92.5	93.5	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1
GE [illegible]	29.8	85.2	88.3	90.8	91.9	92.4	93.0	94.0	94.2	94.2	94.5	94.5	94.6	94.6	94.6	94.6
GE [illegible]	29.8	85.7	88.8	91.3	92.4	92.9	93.5	94.5	94.7	94.7	95.0	95.0	95.1	95.1	95.1	95.1
GE [illegible]	29.8	86.2	89.3	91.8	92.9	93.4	94.0	95.0	95.2	95.2	95.5	95.5	95.6	95.6	95.6	95.6
GE [illegible]	29.8	86.7	89.8	92.3	93.4	93.9	94.5	95.5	95.7	95.7	96.0	96.0	96.1	96.1	96.1	96.1
GE [illegible]	29.8	87.2	90.3	92.8	93.9	94.4	95.0	96.0	96.2	96.2	96.5	96.5	96.6	96.6	96.6	96.6
GE [illegible]	29.8	87.7	90.8	93.3	94.4	94.9	95.5	96.5	96.7	96.7	97.0	97.0	97.1	97.1	97.1	97.1
GE [illegible]	29.8	88.2	91.3	93.8	94.9	95.4	96.0	97.0	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6
GE [illegible]	29.8	88.7	91.8	94.3	95.4	95.9	96.5	97.5	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE [illegible]	29.8	89.2	92.3	94.8	95.9	96.4	97.0	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6
GE [illegible]	29.8	89.7	92.8	95.3	96.4	96.9	97.5	98.5	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1
GE [illegible]	29.8	90.2	93.3	95.8	96.9	97.4	98.0	99.0	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE [illegible]	29.8	90.7	93.8	96.3	97.4	97.9	98.5	99.5	99.7	99.7	100.0	100.0	100.1	100.1	100.1	100.1
GE [illegible]	29.8	91.2	94.3	96.8	97.9	98.4	99.0	100.0	100.2	100.2	100.5	100.5	100.6	100.6	100.6	100.6
GE [illegible]	29.8	91.7	94.8	97.3	98.4	98.9	99.5	100.5	100.7	100.7	101.0	101.0	101.1	101.1	101.1	101.1
GE [illegible]	29.8	92.2	95.3	97.8	98.9	99.4	100.0	101.0	101.2	101.2	101.5	101.5	101.6	101.6	101.6	101.6
GE [illegible]	29.8	92.7	95.8	98.3	99.4	99.9	100.5	101.5	101.7	101.7	102.0	102.0	102.1	102.1	102.1	102.1
GE [illegible]	29.8	93.2	96.3	98.8	99.9	100.4	101.0	102.0	102.2	102.2	102.5	102.5	102.6	102.6	102.6	102.6
GE [illegible]	29.8	93.7	96.8	99.3	100.4	100.9	101.5	102.5	102.7	102.7	103.0	103.0	103.1	103.1	103.1	103.1
GE [illegible]	29.8	94.2	97.3	99.8	100.9	101.4	102.0	103.0	103.2	103.2	103.5	103.5	103.6	103.6	103.6	103.6
GE [illegible]	29.8	94.7	97.8	100.3	101.4	101.9	102.5	103.5	103.7	103.7	104.0	104.0	104.1	104.1	104.1	104.1
GE [illegible]	29.8	95.2	98.3	100.8	101.9	102.4	103.0	104.0	104.2	104.2	104.5	104.5	104.6	104.6	104.6	104.6
GE [illegible]	29.8	95.7	98.8	101.3	102.4	102.9	103.5	104.5	104.7	104.7	105.0	105.0	105.1	105.1	105.1	105.1
GE [illegible]	29.8	96.2	99.3	101.8	102.9	103.4	104.0	105.0	105.2	105.2	105.5	105.5	105.6	105.6	105.6	105.6
GE [illegible]	29.8	96.7	99.8	102.3	103.4	103.9	104.5	105.5	105.7	105.7	106.0	106.0	106.1	106.1	106.1	106.1
GE [illegible]	29.8	97.2	100.3	102.8	103.9	104.4	105.0	106.0	106.2	106.2	106.5	106.5	106.6	106.6	106.6	106.6
GE [illegible]	29.8	97.7	100.8	103.3	104.4	104.9	105.5	106.5	106.7	106.7	107.0	107.0	107.1	107.1	107.1	107.1
GE [illegible]	29.8	98.2	101.3	103.8	104.9	105.4	106.0	107.0	107.2	107.2	107.5	107.5	107.6	107.6	107.6	107.6
GE [illegible]	29.8	98.7	101.8	104.3	105.4	105.9	106.5	107.5	107.7	107.7	108.0	108.0	108.1	108.1	108.1	108.1
GE [illegible]	29.8	99.2	102.3	104.8	105.9	106.4	107.0	108.0	108.2	108.2	108.5	108.5	108.6	108.6	108.6	108.6
GE [illegible]	29.8	99.7	102.8	105.3	106.4	106.9	107.5	108.5	108.7	108.7	109.0	109.0	109.1	109.1	109.1	109.1
GE [illegible]	29.8	100.2	103.3	105.8	106.9	107.4	108.0	109.0	109.2	109.2	109.5	109.5	109.6	109.6	109.6	109.6
GE [illegible]	29.8	100.7	103.8	106.3	107.4	107.9	108.5	109.5	109.7	109.7	110.0	110.0	110.1	110.1	110.1	110.1
GE [illegible]	29.8	101.2	104.3	106.8	107.9	108.4	109.0	110.0	110.2	110.2	110.5	110.5	110.6	110.6	110.6	110.6
GE [illegible]	29.8	101.7	104.8	107.3	108.4	108.9	109.5	110.5	110.7	110.7	111.0	111.0	111.1	111.1	111.1	111.1
GE [illegible]	29.8	102.2	105.3	107.8	108.9	109.4	110.0	111.0	111.2	111.2	111.5	111.5	111.6	111.6	111.6	111.6
GE [illegible]	29.8	102.7	105.8	108.3	109.4	109.9	110.5	111.5	111.7	111.7	112.0	112.0	112.1	112.1	112.1	112.1
GE [illegible]	29.8	103.2	106.3	108.8	109.9	110.4	111.0	112.0	112.2	112.2	112.5	112.5	112.6	112.6	112.6	112.6
GE [illegible]	29.8	103.7	106.8	109.3	110.4	110.9	111.5	112.5	112.7	112.7	113.0	113.0	113.1	113.1	113.1	113.1
GE [illegible]	29.8	104.2	107.3	109.8	110.9	111.4	112.0	113.0	113.2	113.2	113.5	113.5	113.6	113.6	113.6	113.6
GE [illegible]	29.8	104.7	107.8	110.3	111.4	111.9	112.5	113.5	113.7	113.7	114.0	114.0	114.1	114.1	114.1	114.1
GE [illegible]	29.8	105.2	108.3	110.8	111.9	112.4	113.0	114.0	114.2	114.2	114.5	114.5	114.6	114.6	114.6	114.6
GE [illegible]	29.8	105.7	108.8	111.3	112.4	112.9	113.5	114.5	114.7	114.7	115.0	115.0	115.1	115.1	115.1	115.1
GE [illegible]	29.8	106.2	109.3	111.8	112.9	113.4	114.0	115.0	115.2	115.2	115.5	115.5	115.6	115.6	115.6	115.6
GE [illegible]	29.8	106.7	109.8	112.3	113.4	113.9	114.5	115.5	115.7	115.7	116.0	116.0	116.1	116.1	116.1	116.1
GE [illegible]	29.8	107.2	110.3	112.8	113.9	114.4	115.0	116.0	116.2	116.2	116.5	116.5	116.6	116.6	116.6	116.6
GE [illegible]	29.8	107.7	110.8	113.3	114.4	114.9	115.5	116.5	116.7	116.7	117.0	117.0	117.1	117.1	117.1	117.1
GE [illegible]	29.8	108.2	111.3	113.8	114.9	115.4	116.0	117.0	117.2	117.2	117.5	117.5	117.6	117.6	117.6	117.6
GE [illegible]	29.8	108.7	111.8	114.3	115.4	115.9	116.5	117.5	117.7	117.7	118.0	118.0	118.1	118.1	118.1	118.1
GE [illegible]	29.8	109.2	112.3	114.8	115.9	116.4	117.0	118.0	118.2	118.2	118.5	118.5	118.6	118.6	118.6	118.6
GE [illegible]	29.8	109.7	112.8	115.3	116.4	116.9	117.5	118.5	118.7	118.7	119.0	119.0	119.1	119.1	119.1	119.1
GE [illegible]	29.8	110.2	113.3	115.8	116.9	117.4	118.0	119.0	119.2	119.2	119.5	119.5	119.6	119.6	119.6	119.6
GE [illegible]	29.8	110.7	113.8	116.3	117.4	117.9	118.5	119.5	119.7	119.7	120.0	120.0	120.1	120.1	120.1	120.1
GE [illegible]	29.8	111.2	114.3	116.8	117.9	118.4	119.0	120.0	120.2	120.2	120.5	120.5	120.6	120.6	120.6	120.6
GE [illegible]	29.8	111.7	114.8	117.3	118.4	118.9	119.5	120.5	120.7	120.7	121.0	121.0	121.1	121.1	121.1	121.1
GE [illegible]	29.8	112.2	115.3	117.8	118.9	119.4	120.0	121.0	121.2	121.2	121.5	121.5	121.6	121.6	121.6	121.6
GE [illegible]	29.8	112.7	115.8	118.3	119.4	119.9	120.5	121.5	121.7	121.7	122.0	122.0	122.1	122.1	122.1	122.1
GE [illegible]	29.8	113.2	116.3	118.8	119.9	120.4	121.0	122.0	122.2	122.2	122.5	122.5	122.6	122.6	122.6	122.6
GE [illegible]	29.8	113.7	116.8	119.3	120.4	120.9	121.5	122.5	122.7	122.7	123.0	123.0	123.1	123.1	123.1	123.1
GE [illegible]	29.8	114.2	117.3	119.8	120.9	121.4	122.0	123.0	123.2	123.2	123.5	123.5	123.6	123.6	123.6	123.6
GE [illegible]	29.8	114.7	117.8	120.3	121.4	121.9	122.5	123.5	123.7	123.7	124.0	124.0	124.1	124.1	124.1	124.1
GE [illegible]	29.8	115.2	118.3	120.8	121.9	122.4	123.0	124.0	124.2	124.2	124.5	124.5	124.6	124.6	124.6	124.6
GE [illegible]	29.8	115.7	118.8	121.3	122.4	122.9	123.5	124.5	124.7	124.7	125.0	125.0	125.1	125.1	125.1	125.1
GE [illegible]	29.8	116.2	119.3	121.8	122.9	123.4	124.0	125.0	125.2	125.2	125.5	125.5	125.6	125.6	125.6	125.6
GE [illegible]	29.8	116.7	119.8	122.3	123.4	123.9	124.5	125.5	125.7	125.7	126.0	126.0	126.1	126.1	126.1	126.1
GE [illegible]	29.8	117.2	120.3	122.8	123.9	124.4	125.0	126.0	126.2	126.2	126.5	126.5	126.6	126.6	126.6	126.6
GE [illegible]	29.8	117.7	120.8	123.3	124.4	124.9	125.5	126.5	126.7	126.7	127.0	127.0	127.1	127.1	127.1	127.1
GE [illegible]	29.8	118.2	121.3	123.8	124.9	125.4	126.0	127.0	127.2	127.2	127.5	127.5	127.6	127.6	127.6	127.6
GE [illegible]	29.8	118.7	121.8	124.3	125.4	125.9	126.5	127.5	127.7	127.7	128.0	128.0	128.1	128.1	128.1	128.1
GE [illegible]	29.8	119.2	122.3	124.8	125.9	126.4	127.0	128.0	128.2	128.2	128.5	128.5	128.6	128.6	128.6	128.6
GE [illegible]	29.8	119.7	122.8	125.3	126.4	126.9	127.5	128.5	128.7	128.7	129.0	129.0	129.1	129.1	129.1	129.1
GE [illegible]	29.8	120.2	123.3	125.8	126.9	127.4	128.0	129.0	129.2	129.2	129.5	129.5	129.6	129.6	129.6	129.6
GE [illegible]	29.8	120.7	123.8	126.3	127.4	127.9	128.5	129.5	129.7	129.7	130.0	130.0	130.1	130.1	130.1	130.1
GE [illegible]	29.8	121.2	124.3	126.8	127.9	128.4	129.0	130.0	130.2	130.2	130.5	130.5	130.6	130.6	130.6	130.6
GE [illegible]	29.8	121.7	124.8	127.3	128.4	128.9	129.5	130.5	130.7	130.7	131.0	131.0	131.1	131.1	131.1	131.1
GE [illegible]	29.8	122.2	125.3	127.8	128.9	129.4	130.0	131.0	131.2	131.2	131.5	131.5	131.6	131.6	131.6	131.6
GE [illegible]	29.8	122.7	125.8	128.3	129.4	129.9	130.5	131.5	131.7	131.7	132.0	132.0	132.1	132.1	132.1	132.1
GE [illegible]	29.8	123.2	126.3	128.8	129.9	130.4	131.0	132.0	132.2	132.2	132.5	132.5	132.6	132.6	132.6	132.6
GE [illegible]	29.8	123.7	126.8	129.3	130.4	130.9	131.5	132.5	132.7	132.7	133.0	133.0	133.1	133.1	133.1	133.1
GE [illegible]	29.8	124.2	127.3	129.8	130.9	131.4	132.0	133.0	133.2	133.2	133.5	133.5	133.6	133.6	133.6	133.6
GE [illegible]	29.8	124.7	127.8	130.3	131.4	131.9	132.5	133.5	133.7	133.7	134.0	134.0	134.1	134.1	134.1	134.1
GE [illegible]	29.8	125.2	128.3	130.8	131.9	132.4	133.0	134.0	134.2	134.2	134.5	134.5	134.6	134.6	134.6	134.6
GE [illegible]	29.8	125.7	128.8	131.3	132.4	132.9	133.5	134.5	134.7	134.7	135.0	135.0	135.1	135.1	135.1	135.1
GE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NR LR: 03649L STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 10*	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.4	22.9	24.0	25.3	26.5	27.6	28.5	29.8	30.3	30.7	30.9	31.2	31.2	31.2	31.4
GE 15000	27.9	28.9	30.2	31.5	32.7	34.3	35.2	37.3	37.3	37.8	38.2	38.4	38.7	38.7	38.9
GE 10000	27.9	28.9	30.2	31.5	32.7	34.3	35.2	37.3	37.3	37.8	38.2	38.4	38.7	38.7	38.9
GE 9000	27.9	29.4	30.7	32.0	33.5	34.8	35.7	37.9	37.9	38.3	38.7	38.9	39.2	39.2	39.4
GE 8000	27.9	29.4	30.7	32.0	33.5	34.8	35.7	37.9	37.9	38.3	38.7	38.9	39.2	39.2	39.4
GE 7000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 6000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 5000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 4500	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 4000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 3500	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 3000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 2500	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 2000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 1800	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 1600	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 1400	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 1200	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 1000	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 900	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 800	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 700	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 600	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 500	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 400	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 300	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 200	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 100	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6
GE 0	28.1	29.6	30.9	32.2	33.7	35.0	35.9	38.1	38.1	38.5	38.9	39.1	39.4	39.4	39.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 030450 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
[illegible]	27.4	27.[illegible]	24.7	26.1	27.2	27.7	28.0	29.6	30.0	30.9	31.4	31.5	31.5	32.1	32.5	32.9
[illegible]	21.7	27.7	29.7	31.5	32.6	33.5	33.8	35.6	36.0	36.9	37.4	37.5	37.5	38.1	38.5	38.9
[illegible]	21.6	27.9	29.9	31.6	32.7	33.6	33.9	35.6	36.1	37.0	37.5	37.6	37.6	38.3	38.6	39.0
[illegible]	21.6	27.9	29.9	31.6	32.7	33.6	33.9	35.8	36.1	37.0	37.5	37.6	37.6	38.3	38.6	39.0
[illegible]	21.8	28.0	30.0	31.7	32.9	33.8	34.0	35.9	36.3	37.1	37.6	37.8	37.8	38.4	38.8	39.1
[illegible]	22.0	28.7	29.7	31.9	33.6	34.8	35.0	35.9	38.0	38.5	39.4	39.9	40.0	40.0	40.7	41.0	41.4
[illegible]	20.7	30.7	32.9	34.6	35.8	36.6	37.0	39.1	39.6	40.5	41.2	41.2	41.2	41.8	42.2	42.5
[illegible]	21.0	31.4	33.5	35.4	36.5	37.4	37.6	39.9	40.5	41.4	41.9	42.0	42.0	42.7	43.0	43.4
[illegible]	21.0	31.7	33.9	35.8	36.9	37.8	38.1	40.3	40.9	41.8	42.3	42.4	42.4	43.0	43.4	43.8
[illegible]	21.1	32.4	34.5	36.4	37.5	38.4	38.8	40.9	41.5	42.4	42.9	43.0	43.0	43.7	44.0	44.4
[illegible]	21.2	32.9	36.0	38.0	39.1	40.2	40.8	42.2	43.8	44.7	45.2	45.3	45.3	45.9	46.3	46.7
[illegible]	26.3	36.1	38.4	40.9	42.3	43.3	43.9	46.7	47.3	48.3	48.8	48.9	48.9	49.6	49.9	50.3
[illegible]	26.7	37.6	40.0	42.5	43.9	44.9	45.5	48.3	48.9	49.9	50.4	50.6	50.6	51.2	51.6	51.9
[illegible]	27.9	39.3	41.7	44.5	46.3	47.3	47.9	50.6	51.4	52.4	52.9	53.1	53.1	53.7	54.1	54.5
[illegible]	28.1	39.8	42.2	45.1	46.9	47.9	49.6	51.4	52.1	53.1	53.6	53.7	53.7	54.3	54.7	55.1
[illegible]	28.7	41.9	44.5	47.6	49.9	51.2	51.9	54.8	55.5	56.5	57.0	57.1	57.1	57.7	58.1	58.5
[illegible]	31.2	44.3	47.1	50.4	52.9	54.5	55.3	58.6	59.2	60.2	60.7	60.9	60.9	61.5	61.9	62.2
[illegible]	34.7	48.2	51.2	55.0	57.8	59.5	60.7	64.4	65.0	66.0	66.5	66.6	66.6	67.3	67.6	68.0
[illegible]	35.9	49.4	52.4	56.2	59.3	61.2	62.6	66.2	66.9	67.9	68.4	68.5	68.5	69.1	69.5	69.9
[illegible]	37.5	50.2	53.3	57.2	60.4	62.4	64.6	68.4	70.3	70.9	71.9	72.4	72.5	72.5	73.1	73.5	73.9
[illegible]	39.8	53.6	56.3	60.4	63.4	65.8	69.3	73.1	75.4	76.2	77.2	77.7	77.8	77.8	78.4	78.8	79.2
[illegible]	59.6	58.2	61.9	65.9	69.4	72.1	74.0	78.7	79.4	80.4	80.9	81.1	81.1	81.7	82.1	82.4
[illegible]	39.9	58.6	62.2	66.2	69.8	72.5	74.5	79.2	79.9	80.9	81.4	81.6	81.6	82.2	82.6	82.9
[illegible]	41.9	59.2	63.1	67.4	70.9	73.7	75.8	80.8	81.6	82.6	83.1	83.2	83.2	83.9	84.4	84.9
[illegible]	42.9	60.1	64.0	68.4	71.9	74.7	76.9	82.2	82.9	84.1	84.6	84.7	84.7	85.4	85.9	86.4
[illegible]	43.2	60.6	65.0	69.4	73.0	75.8	77.9	83.6	84.3	85.4	85.9	86.1	86.1	86.8	87.3	87.8
[illegible]	44.2	62.2	65.7	70.4	74.2	76.9	79.2	84.9	85.7	86.8	87.3	87.6	87.6	88.3	88.8	89.3
[illegible]	45.0	63.0	66.5	71.3	75.5	78.2	80.5	86.2	86.9	88.0	88.5	88.6	88.6	89.3	89.8	90.3
[illegible]	45.3	63.4	66.9	71.7	75.9	78.7	81.0	86.7	87.5	88.6	89.1	89.3	89.3	90.0	90.5	91.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03695 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	TOT	VISIBILITY IN HUNDREDS OF METERS														
		GE 50	GE 20	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.1	22.5	23.6	25.1	26.1	26.6	27.0	27.9	28.2	28.6	28.8	28.9	29.0	29.2	29.3	29.5
GE 20000	21.4	28.7	30.1	32.1	33.7	34.5	34.7	35.8	36.2	36.7	36.9	37.0	37.1	37.3	37.4	37.6
GE 18000	21.5	28.8	30.2	32.2	33.8	34.6	34.8	35.9	36.3	36.8	37.0	37.1	37.2	37.4	37.5	37.7
GE 16000	21.5	28.9	30.3	32.2	33.8	34.6	34.8	35.9	36.4	36.8	37.1	37.2	37.3	37.5	37.5	37.8
GE 14000	21.9	29.6	31.0	33.0	34.3	35.0	35.6	36.8	37.2	37.7	37.9	38.1	38.1	38.4	38.4	38.7
GE 12000	22.7	30.6	32.2	34.2	35.6	36.3	37.0	38.2	38.6	39.1	39.3	39.5	39.5	39.8	39.8	40.1
GE 11000	23.4	32.6	34.2	36.3	37.7	38.5	39.2	40.6	41.0	41.5	41.8	41.9	42.0	42.2	42.3	42.5
GE 10000	24.2	33.3	34.8	37.0	38.5	39.3	40.0	41.3	41.8	42.3	42.6	42.7	42.8	43.0	43.1	43.3
GE 9000	24.4	33.4	34.9	37.1	38.6	39.4	40.1	41.4	41.9	42.4	42.7	42.8	42.9	43.1	43.2	43.4
GE 8000	24.5	33.7	35.2	37.5	38.6	39.7	40.4	41.7	42.3	42.7	43.0	43.1	43.2	43.4	43.5	43.7
GE 7000	25.0	34.5	36.1	38.4	39.9	40.8	41.5	43.1	43.6	44.1	44.4	44.5	44.6	44.8	44.9	45.1
GE 6000	26.1	36.3	38.1	40.7	42.5	43.6	44.6	46.5	47.1	47.7	48.0	48.2	48.2	48.5	48.5	48.8
GE 5000	27.2	37.8	39.7	42.4	44.3	45.4	46.5	48.5	49.1	49.6	50.0	50.2	50.3	50.6	50.7	50.9
GE 4000	28.3	39.3	41.3	44.2	46.2	47.4	48.5	50.7	51.3	51.9	52.3	52.4	52.6	52.9	52.9	53.2
GE 3500	29.1	40.4	42.5	45.4	47.5	48.7	49.9	52.1	52.7	53.3	53.7	53.8	54.0	54.3	54.3	54.6
GE 3000	30.2	42.6	44.8	48.0	50.2	51.5	52.7	55.0	55.7	56.3	56.7	56.8	57.0	57.3	57.4	57.6
GE 2500	31.7	44.8	47.2	50.4	52.7	54.1	55.5	57.8	58.6	59.2	59.6	59.8	59.9	60.2	60.3	60.6
GE 2200	32.8	46.3	48.9	52.2	54.6	56.0	57.5	59.9	60.8	61.4	61.8	62.0	62.1	62.4	62.5	62.8
GE 2000	33.2	46.9	49.5	52.8	55.2	56.7	58.2	60.6	61.5	62.1	62.5	62.7	62.8	63.1	63.2	63.5
GE 1800	33.7	47.6	50.3	53.7	56.1	57.6	59.1	61.6	62.5	63.1	63.5	63.7	63.8	64.1	64.2	64.5
GE 1600	34.2	48.3	51.0	54.4	56.9	58.4	59.9	62.4	63.3	63.9	64.3	64.5	64.6	64.9	65.0	65.3
GE 1400	34.8	49.1	51.8	55.3	57.8	59.3	60.8	63.3	64.2	64.8	65.2	65.4	65.5	65.8	65.9	66.2
GE 1200	35.5	50.1	52.9	56.4	58.9	60.4	61.9	64.4	65.3	65.9	66.3	66.5	66.6	66.9	67.0	67.3
GE 1000	36.2	51.1	53.9	57.4	59.9	61.4	62.9	65.4	66.3	66.9	67.3	67.5	67.6	67.9	68.0	68.3
GE 900	36.6	51.6	54.4	57.9	60.4	61.9	63.4	65.9	66.8	67.4	67.8	68.0	68.1	68.4	68.5	68.8
GE 800	36.9	52.0	54.8	58.3	60.8	62.3	63.8	66.3	67.2	67.8	68.2	68.4	68.5	68.8	68.9	69.2
GE 700	37.2	52.4	55.2	58.7	61.2	62.7	64.2	66.7	67.6	68.2	68.6	68.8	68.9	69.2	69.3	69.6
GE 600	37.4	52.7	55.5	59.0	61.5	63.0	64.5	67.0	67.9	68.5	68.9	69.1	69.2	69.5	69.6	69.9
GE 500	37.6	53.0	55.8	59.3	61.8	63.3	64.8	67.3	68.2	68.8	69.2	69.4	69.5	69.8	69.9	70.2
GE 450	37.7	53.1	55.9	59.4	61.9	63.4	64.9	67.4	68.3	68.9	69.3	69.5	69.6	69.9	70.0	70.3
GE 400	37.8	53.2	56.0	59.5	62.0	63.5	65.0	67.5	68.4	69.0	69.4	69.6	69.7	70.0	70.1	70.4
GE 350	37.9	53.3	56.1	59.6	62.1	63.6	65.1	67.6	68.5	69.1	69.5	69.7	69.8	70.1	70.2	70.5
GE 300	38.0	53.4	56.2	59.7	62.2	63.7	65.2	67.7	68.6	69.2	69.6	69.8	69.9	70.2	70.3	70.6
GE 250	38.1	53.5	56.3	59.8	62.3	63.8	65.3	67.8	68.7	69.3	69.7	69.9	70.0	70.3	70.4	70.7
GE 200	38.2	53.6	56.4	59.9	62.4	63.9	65.4	67.9	68.8	69.4	69.8	70.0	70.1	70.4	70.5	70.8
GE 150	38.2	53.6	56.4	59.9	62.4	63.9	65.4	67.9	68.8	69.4	69.8	70.0	70.1	70.4	70.5	70.8
GE 100	38.2	53.6	56.4	59.9	62.4	63.9	65.4	67.9	68.8	69.4	69.8	70.0	70.1	70.4	70.5	70.8
GE 50	38.2	53.6	56.4	59.9	62.4	63.9	65.4	67.9	68.8	69.4	69.8	70.0	70.1	70.4	70.5	70.8
GE 0	38.2	53.6	56.4	59.9	62.4	63.9	65.4	67.9	68.8	69.4	69.8	70.0	70.1	70.4	70.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 4757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	TOT	GE 80	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	30.9	15.7	18.0	21.3	22.8	25.0	26.8	28.8	29.1	29.5	29.8	30.1	30.4	30.7	30.7	30.9
GE [illegible]	31.9	17.5	19.8	24.1	26.1	28.3	30.3	32.4	33.1	33.6	33.9	34.2	34.5	34.8	34.8	35.5
GE [illegible]	32.0	17.7	19.9	24.3	26.2	28.5	30.4	33.3	33.6	34.0	34.3	34.6	34.9	35.2	35.2	36.0
GE [illegible]	32.0	17.7	19.9	24.3	26.2	28.5	30.4	33.3	33.6	34.0	34.3	34.6	34.9	35.2	35.2	36.0
GE [illegible]	32.0	17.7	19.9	24.3	26.2	28.5	30.4	33.3	33.6	34.0	34.3	34.6	34.9	35.2	35.2	36.0
GE 1,[illegible]	33.0	18.6	20.8	25.2	27.3	29.5	31.5	34.3	34.6	35.1	35.4	35.7	36.0	36.3	36.3	37.0
GE 1,[illegible]	33.4	20.4	22.6	27.4	29.7	31.9	33.9	36.9	37.2	37.8	38.1	38.4	38.7	39.0	39.0	39.7
GE [illegible]	33.6	21.7	23.1	28.0	30.3	32.5	34.6	37.8	38.1	38.7	39.0	39.3	39.6	39.9	39.9	40.6
GE [illegible]	33.6	21.7	23.1	28.0	30.3	32.5	34.6	37.8	38.1	38.7	39.0	39.3	39.6	39.9	39.9	40.6
GE [illegible]	34.3	23.3	25.8	30.8	33.0	35.3	37.4	38.5	38.8	39.4	39.7	40.0	40.3	40.6	40.6	41.4
GE [illegible]	34.9	24.5	26.5	30.3	33.1	35.7	37.8	40.9	41.2	41.8	42.1	42.4	42.7	43.0	43.3	44.1
GE [illegible]	35.6	25.2	27.7	33.1	36.3	38.7	40.8	44.5	44.8	45.4	45.7	46.0	46.3	46.6	46.9	47.7
GE [illegible]	36.4	25.6	28.5	34.5	37.8	40.5	42.6	46.6	46.9	47.5	47.8	48.1	48.4	48.7	49.0	49.8
GE [illegible]	36.7	27.1	29.8	36.1	39.7	42.4	44.7	48.9	49.2	49.8	50.1	50.4	50.7	51.0	51.3	52.0
GE [illegible]	37.0	27.6	30.3	36.6	40.3	43.2	45.4	49.6	49.9	50.5	50.8	51.1	51.4	51.7	52.0	52.8
GE [illegible]	37.8	29.1	31.9	38.8	42.7	45.6	48.0	52.2	52.5	53.1	53.4	53.7	54.0	54.3	54.6	55.3
GE 2,[illegible]	37.4	31.6	33.9	41.1	45.3	48.1	50.5	54.7	55.2	55.8	56.1	56.4	56.7	57.0	57.3	58.0
GE [illegible]	38.1	35.4	38.2	45.4	49.8	53.1	55.6	60.3	60.7	61.6	62.1	62.4	62.7	63.0	63.3	64.0
GE [illegible]	38.9	36.1	39.1	46.3	51.6	54.4	57.0	61.9	62.4	63.3	63.7	64.0	64.3	64.6	64.9	65.7
GE [illegible]	39.4	37.5	40.5	47.7	52.3	55.9	58.6	63.6	64.0	64.9	65.4	65.7	66.0	66.3	66.6	67.3
GE [illegible]	39.7	38.4	42.0	50.7	56.4	60.6	63.7	68.8	69.3	70.2	70.6	70.9	71.2	71.5	71.8	72.6
GE [illegible]	41.9	41.1	44.5	53.5	59.5	64.0	67.3	73.0	73.5	74.4	74.8	75.1	75.4	75.7	76.0	76.9
GE [illegible]	42.8	41.2	45.0	54.4	60.6	65.1	68.4	74.2	74.7	75.6	76.0	76.3	76.6	76.9	77.2	78.1
GE [illegible]	43.1	42.1	46.3	55.5	62.2	66.9	70.2	76.2	76.6	77.5	78.0	78.3	78.6	78.9	79.2	80.1
GE [illegible]	43.6	42.9	47.7	57.4	64.6	69.4	73.0	79.5	80.1	81.0	81.4	81.7	82.0	82.3	82.6	83.5
GE [illegible]	44.1	43.3	48.3	58.6	66.2	70.9	74.7	81.4	82.2	83.2	83.8	84.1	84.4	84.7	85.0	85.9
GE [illegible]	44.1	43.1	48.7	59.5	67.0	72.1	75.7	82.8	83.7	84.7	85.5	85.8	86.1	86.4	86.7	87.6
GE [illegible]	44.1	43.0	49.2	60.1	67.9	73.2	76.6	83.8	84.8	85.8	86.7	87.4	87.7	88.0	88.3	89.5
GE [illegible]	44.1	43.0	49.2	60.4	68.2	73.6	77.1	84.6	85.6	86.4	88.0	88.8	89.1	89.4	89.7	90.9
GE [illegible]	44.1	43.0	49.2	60.6	68.4	73.8	77.4	85.0	86.0	87.1	88.9	89.3	90.6	90.9	91.2	92.4
GE [illegible]	44.1	43.0	49.2	60.6	68.4	73.8	77.4	85.2	86.2	87.2	89.0	89.4	92.1	92.4	93.0	94.1
GE [illegible]	44.1	43.0	49.2	60.6	68.4	73.8	77.4	85.2	86.2	87.2	89.0	89.4	92.1	92.8	93.4	94.5	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	≥ 160	≥ 80	≥ 60	≥ 40	≥ 32	≥ 24	≥ 20	≥ 16	≥ 12	≥ 10	≥ 9	≥ 5	≥ 4	≥ 0
≥ 0 CEIL	9.4	14.2	16.1	19.5	21.1	22.9	24.3	25.1	25.7	26.6	26.9	26.9	27.2	27.4	27.4	27.4
≥ [illegible]	13.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.5	30.8	31.0	31.0	31.0
≥ [illegible]	13.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.5	30.8	31.0	31.0	31.0
≥ [illegible]	13.4	15.3	17.6	21.7	23.4	25.6	27.1	28.6	29.3	30.2	30.5	30.5	30.8	31.0	31.0	31.0
≥ [illegible]	13.4	15.6	17.9	22.0	23.7	26.0	27.5	29.0	29.8	30.7	31.0	31.0	31.3	31.4	31.4	31.4
≥ [illegible]	13.6	16.2	18.5	22.6	24.3	26.6	28.1	29.8	30.6	31.7	32.0	32.0	32.3	32.4	32.4	32.4
≥ [illegible]	13.7	16.4	18.6	23.1	24.9	27.2	28.7	30.7	31.8	33.0	33.3	33.3	33.6	33.8	33.8	33.8
≥ [illegible]	13.7	16.8	19.1	23.7	25.4	27.8	29.3	31.4	32.7	33.9	34.2	34.2	34.5	34.7	34.7	34.7
≥ [illegible]	13.7	17.1	19.2	23.8	25.6	28.0	29.5	31.6	32.9	34.1	34.4	34.4	34.7	34.8	34.8	34.8
≥ [illegible]	13.8	17.3	19.5	24.3	26.0	28.4	30.1	32.1	33.6	34.7	35.0	35.0	35.3	35.4	35.4	35.4
≥ [illegible]	13.8	17.5	20.7	25.7	27.6	29.9	31.6	33.6	35.0	36.2	36.5	36.5	36.8	36.9	36.9	36.9
≥ [illegible]	14.7	21.3	23.5	29.2	31.0	33.6	35.7	38.1	39.6	40.8	41.2	41.2	41.5	41.7	41.7	41.7
≥ [illegible]	14.8	22.3	24.8	30.8	32.9	35.3	37.1	39.9	41.5	42.7	43.2	43.2	43.5	43.6	43.6	43.6
≥ [illegible]	15.0	23.1	25.4	31.6	33.9	37.1	38.8	42.1	43.8	44.9	45.4	45.4	45.7	45.8	45.8	45.8
≥ [illegible]	15.1	24.3	26.6	33.2	35.2	38.4	40.2	43.5	45.1	46.3	46.7	46.7	47.0	47.2	47.2	47.2
≥ [illegible]	17.0	26.2	29.3	35.7	38.1	41.2	43.3	46.4	48.1	49.3	49.7	49.7	50.0	50.1	50.1	50.1
≥ [illegible]	17.7	27.2	30.7	37.5	39.9	42.8	44.8	48.5	50.3	51.5	51.9	51.9	52.2	52.4	52.4	52.4
≥ [illegible]	17.9	31.4	34.8	41.9	44.6	47.8	49.7	53.7	55.8	57.0	57.4	57.6	58.0	58.2	58.2	58.2
≥ [illegible]	18.9	33.2	36.6	43.9	46.7	49.9	51.8	55.8	57.9	59.1	59.5	59.7	60.1	60.3	60.3	60.3
≥ [illegible]	19.1	35.0	38.4	46.4	49.7	53.0	55.1	59.2	61.3	62.6	63.1	63.2	63.7	63.8	63.8	63.8
≥ [illegible]	21.8	37.9	42.8	50.4	54.3	57.9	60.4	64.7	66.8	68.2	68.8	68.9	69.6	69.8	69.8	69.8
≥ [illegible]	21.7	39.4	43.3	52.1	56.5	60.4	63.1	67.6	69.8	71.1	71.7	71.9	72.6	72.8	72.8	72.8
≥ [illegible]	21.7	41.2	44.7	53.1	57.6	61.9	64.1	68.6	71.0	72.3	72.9	73.1	73.8	74.0	74.0	74.0
≥ [illegible]	21.7	42.9	46.1	54.3	59.5	63.4	66.1	71.0	73.4	75.0	75.6	75.7	76.5	76.6	76.6	76.6
≥ [illegible]	22.4	44.1	48.1	56.4	61.6	65.6	68.3	73.4	75.7	77.5	78.1	78.3	79.0	79.2	79.2	79.2
≥ [illegible]	22.7	46.2	49.9	58.4	63.3	67.6	69.9	75.3	77.7	79.5	80.1	80.2	81.0	81.1	81.1	81.1
≥ [illegible]	23.6	47.4	47.2	56.7	63.4	67.7	71.7	76.5	79.6	81.7	82.4	82.6	83.3	83.9	84.1	84.1
≥ [illegible]	23.6	47.4	47.3	57.1	63.8	68.2	71.4	77.4	80.8	83.0	83.9	84.1	84.8	85.4	85.6	85.6
≥ [illegible]	23.6	47.4	47.3	57.7	64.9	69.6	72.9	80.1	83.9	86.2	87.2	87.4	88.1	88.7	88.8	88.8
≥ [illegible]	23.6	47.4	47.5	58.0	65.3	70.1	73.4	81.5	86.2	88.4	89.7	89.9	90.6	91.2	91.4	91.4
≥ [illegible]	23.6	47.4	47.5	58.0	65.3	70.1	73.4	81.5	86.5	89.3	91.5	91.7	92.9	93.9	94.8	95.5
≥ [illegible]	23.6	47.4	47.5	58.0	65.3	70.1	73.4	81.7	86.6	89.4	91.8	92.0	93.3	94.6	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM POLAR OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 50	GE 40	GE 30	GE 20	GE 15	GE 12	GE 10	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 0
NO CEIL	9.6	10.2	13.6	15.1	17.6	19.1	20.3	21.2	21.5	21.8	21.8	21.8	21.8	21.8	21.9
GE 20000	12.7	17.3	17.6	19.0	22.7	24.7	25.9	26.8	27.1	27.4	27.4	27.6	27.6	27.7	
GE 15000	12.7	17.3	17.6	19.0	22.8	24.9	26.1	27.0	27.3	27.6	27.6	27.7	27.7	27.7	27.9
GE 12000	12.7	17.3	17.6	19.0	22.8	24.9	26.1	27.0	27.3	27.6	27.6	27.7	27.7	27.7	27.9
GE 10000	12.7	17.3	17.6	19.0	23.0	25.0	26.2	27.1	27.4	27.7	27.7	27.9	27.9	28.0	
GE 9000	13.0	14.4	16.2	17.1	24.0	26.2	27.9	28.9	29.2	29.5	29.5	29.6	29.6	29.8	
GE 8000	15.3	15.9	19.9	22.1	25.9	28.1	30.1	31.1	31.4	31.7	31.7	31.9	31.9	32.0	
GE 7000	15.3	15.9	19.9	22.1	25.9	28.3	30.2	31.3	31.6	31.9	31.9	32.0	32.0	32.1	
GE 6000	15.4	16.0	20.0	22.2	26.1	28.4	30.4	31.4	31.7	32.0	32.0	32.1	32.1	32.3	
GE 5000	15.4	16.0	20.0	22.2	26.1	28.4	30.4	31.4	31.7	32.0	32.0	32.1	32.1	32.3	
GE 4000	16.1	16.7	20.7	23.0	26.8	29.3	31.2	32.3	32.6	32.9	32.9	33.0	33.0	33.2	
GE 3500	19.2	19.8	24.6	26.8	30.4	33.1	35.6	36.6	36.9	37.2	37.2	37.3	37.3	37.5	
GE 3000	20.1	20.9	25.3	27.1	31.0	33.8	36.4	37.5	38.0	38.3	38.3	38.4	38.4	38.6	
GE 2500	20.7	21.5	26.1	28.0	31.9	34.8	37.4	38.5	39.0	39.3	39.3	39.4	39.4	39.6	
GE 2000	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 1800	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 1600	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 1400	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 1200	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 1000	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 900	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 800	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 700	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 600	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 500	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 400	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 300	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 200	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 100	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	
GE 0	21.3	22.2	26.8	28.8	32.8	35.8	38.4	39.6	40.1	40.4	40.4	40.5	40.5	40.7	

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTHS: FEB HOURS(LST): 0900-1100

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 15	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0
NO CEIL	7.8	9.2	9.9	12.2	13.9	14.5	15.0	16.2	17.4	17.7	18.0	18.0	18.0	18.0	18.0	18.0
[illegible]	9.2	13.6	14.7	18.1	21.4	22.3	23.7	25.5	27.3	27.6	27.9	27.9	27.9	27.9	27.9	27.9
[illegible]	9.2	13.6	14.7	18.1	21.5	22.4	23.9	25.8	27.6	27.9	28.2	28.2	28.2	28.2	28.2	28.2
[illegible]	9.2	13.6	14.7	18.1	21.5	22.4	23.9	25.8	27.6	27.9	28.2	28.2	28.2	28.2	28.2	28.2
[illegible]	[illegible]	14.5	15.6	19.1	23.0	23.9	25.4	27.3	29.1	29.4	29.7	29.7	29.7	29.7	29.7	29.7
[illegible]	9.1	15.1	16.2	19.9	23.7	24.6	26.1	28.2	30.0	30.4	30.7	30.7	30.7	30.7	30.7	30.7
[illegible]	11.7	16.6	17.7	21.4	25.4	26.3	28.0	30.1	31.9	32.5	32.8	32.8	32.8	32.8	32.8	32.8
[illegible]	11.7	16.9	18.0	21.7	25.9	26.9	28.6	30.7	32.5	33.1	33.5	33.5	33.5	33.5	33.5	33.5
[illegible]	[illegible]	17.2	18.4	22.1	26.2	27.3	29.1	31.2	33.0	33.5	33.8	34.0	34.0	34.0	34.0	34.0
[illegible]	[illegible]	17.6	18.7	22.4	26.7	27.7	29.5	31.6	33.4	34.0	34.3	34.4	34.4	34.4	34.4	34.4
[illegible]	11.1	18.4	19.7	23.4	27.7	28.6	30.6	32.8	34.9	35.5	35.8	35.9	35.9	35.9	35.9	35.9
[illegible]	[illegible]	21.4	22.7	27.2	31.5	32.6	34.6	36.8	38.9	39.6	40.1	40.2	40.2	40.2	40.2	40.4
[illegible]	14.7	23.1	24.6	29.2	33.5	34.7	36.6	38.9	40.9	41.7	42.1	42.3	42.3	42.3	42.3	42.4
[illegible]	[illegible]	24.8	26.3	31.0	35.3	36.6	38.7	41.1	43.2	43.9	44.4	44.5	44.5	44.5	44.5	44.7
[illegible]	[illegible]	25.4	26.9	31.8	36.1	37.4	39.5	41.8	43.9	44.7	45.1	45.3	45.3	45.3	45.3	45.4
[illegible]	[illegible]	28.6	28.5	33.4	37.7	39.0	41.1	43.3	45.5	46.3	46.7	46.9	46.9	46.9	46.9	47.0
[illegible]	[illegible]	32.5	33.9	39.9	44.4	45.7	47.8	49.5	49.4	49.1	49.6	49.7	49.7	49.7	49.7	49.9
[illegible]	[illegible]	34.4	35.8	40.8	45.5	47.0	49.4	52.1	54.3	55.0	55.5	55.6	55.6	55.6	55.6	55.8
[illegible]	[illegible]	35.7	36.6	43.2	47.9	49.6	51.9	54.6	56.8	57.7	58.2	58.3	58.3	58.3	58.3	58.5
[illegible]	[illegible]	36.4	37.5	46.6	51.5	53.1	55.6	58.3	60.7	61.7	62.2	62.3	62.3	62.3	62.3	62.5
[illegible]	[illegible]	38.2	41.7	49.3	54.2	56.4	59.0	62.3	64.7	65.7	66.3	66.5	66.5	66.5	66.5	66.6
[illegible]	[illegible]	42.2	43.7	51.2	56.2	58.6	62.3	65.9	68.2	69.3	69.9	70.0	70.0	70.0	70.0	70.2
[illegible]	[illegible]	39.6	43.3	52.1	57.4	59.9	63.6	67.2	69.6	70.9	71.5	71.7	71.7	71.7	71.7	71.8
[illegible]	[illegible]	43.9	45.2	54.9	60.3	63.2	67.6	71.4	74.2	75.5	76.3	76.4	76.4	76.4	76.4	76.6
[illegible]	[illegible]	44.4	45.3	55.6	62.2	65.3	69.4	73.6	76.1	77.4	78.2	78.3	78.3	78.3	78.3	78.5
[illegible]	[illegible]	46.5	46.3	56.5	63.6	67.2	71.5	76.6	79.2	80.6	81.3	81.5	81.5	81.5	81.5	81.6
[illegible]	[illegible]	46.5	46.7	57.6	65.1	69.5	73.6	78.9	81.9	83.2	84.0	84.3	84.4	84.4	84.4	84.6
[illegible]	[illegible]	47.1	47.2	58.3	66.2	70.5	75.5	81.2	84.7	85.8	87.4	87.8	88.0	88.0	88.0	88.1
[illegible]	[illegible]	47.1	47.3	58.3	66.2	70.5	75.5	81.3	85.2	86.5	88.6	89.0	89.2	89.2	89.2	89.3
[illegible]	[illegible]	47.1	47.3	58.3	66.2	70.5	75.7	82.0	86.5	88.4	90.5	91.1	91.4	91.8	91.8	92.0
[illegible]	[illegible]	47.1	47.3	58.3	66.2	70.5	75.7	82.5	86.2	89.2	91.4	92.1	92.4	93.5	93.6	94.2
[illegible]	[illegible]	47.1	47.3	58.3	66.2	70.5	75.7	82.5	86.2	89.2	91.4	92.1	92.6	94.2	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85
MONTHS: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 80	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
00 CEIL	7.9	12.9	14.0	15.2	16.6	17.7	18.1	18.4	18.4	18.4	18.6	18.6	18.6	18.7	18.9
05	13.2	22.6	23.6	26.0	28.2	29.7	30.3	30.6	30.9	30.8	30.9	30.9	30.9	31.1	31.2
10	13.2	22.6	23.6	26.2	28.5	29.6	30.6	30.9	31.1	31.1	31.2	31.2	31.2	31.4	31.5
15	13.2	22.6	23.6	26.2	28.5	29.6	30.6	30.9	31.1	31.1	31.2	31.2	31.2	31.4	31.5
20	13.4	22.8	24.1	26.9	29.3	30.6	31.4	31.6	31.8	31.9	32.1	32.1	32.1	32.2	32.4
25	13.5	23.0	24.4	27.9	30.6	32.1	32.7	33.0	33.1	33.2	33.4	33.4	33.4	33.6	33.7
30	13.5	23.2	24.7	28.1	31.2	34.2	35.7	36.6	36.8	37.0	37.1	37.3	37.3	37.3	37.4	37.6
35	13.6	23.2	24.8	28.2	31.4	35.4	36.6	37.7	38.0	38.2	38.5	38.6	38.6	38.6	38.8	38.9
40	13.6	23.3	24.9	28.4	31.6	35.5	37.0	37.9	38.2	38.3	38.6	38.8	38.8	38.8	38.9	39.1
45	13.6	23.3	24.9	28.4	31.6	35.5	37.0	37.9	38.2	38.3	38.6	38.8	38.8	38.8	38.9	39.1
50	13.7	23.5	25.0	28.5	31.8	35.6	37.1	38.0	38.3	38.4	38.7	38.9	38.9	38.9	39.0	39.2
55	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
60	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
65	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
70	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
75	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
80	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
85	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
90	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
95	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3
100	13.8	23.6	25.1	28.6	31.9	35.7	37.2	38.1	38.4	38.5	38.8	39.0	39.0	39.0	39.1	39.3

TOTAL NUMBER OF OBSERVATIONS: 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40	GE 48
NO CEIL	[illegible]	16.5	17.7	18.4	19.0	19.6	19.6	20.2	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.4
GE [illegible]	[illegible]	25.5	26.5	26.2	29.5	30.0	30.6	31.2	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 10[illegible]	[illegible]	25.5	26.5	26.2	29.7	30.1	30.7	31.3	31.6	31.6	31.8	31.8	31.9	31.8	31.8	31.8
GE [illegible]	[illegible]	25.5	26.5	26.2	29.7	30.1	30.7	31.3	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8
GE 150[illegible]	[illegible]	26.7	28.2	28.0	31.5	31.9	32.5	33.1	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7
GE 1,7[illegible]	[illegible]	27.1	28.6	30.6	32.1	32.7	33.3	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5
GE 1[illegible]	[illegible]	29.2	30.7	32.7	34.2	34.8	35.4	36.0	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7
GE [illegible]	[illegible]	29.6	32.2	34.2	36.0	36.6	37.2	37.9	38.4	38.5	38.7	38.7	38.7	38.7	38.7	38.7
GE [illegible]	[illegible]	29.6	32.2	34.2	36.1	36.7	37.3	38.1	38.5	38.7	38.8	38.8	38.8	38.8	38.8	38.8
GE [illegible]	[illegible]	29.9	32.5	34.5	36.4	37.0	37.6	38.4	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1
GE [illegible]	[illegible]	30.0	33.4	35.5	37.8	38.4	39.1	39.9	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6
GE [illegible]	[illegible]	34.4	36.8	38.9	39.3	41.5	42.1	42.9	43.6	44.1	44.2	44.4	44.4	44.4	44.4	44.4
GE [illegible]	[illegible]	34.7	37.8	40.2	42.6	44.8	45.4	46.2	46.9	47.4	47.5	47.7	47.7	47.7	47.7	47.7
GE [illegible]	[illegible]	34.8	38.2	40.6	43.0	45.6	46.2	47.1	47.8	48.3	48.4	48.6	48.6	48.6	48.6	48.6
GE [illegible]	[illegible]	35.2	39.2	41.5	44.1	46.6	47.2	48.1	48.9	49.3	49.5	49.6	49.6	49.6	49.6	49.6
GE [illegible]	[illegible]	37.7	41.5	44.2	47.1	49.6	50.2	51.1	51.9	52.3	52.5	52.6	52.6	52.6	52.6	52.6
GE [illegible]	[illegible]	43.7	46.8	49.5	52.6	55.5	56.1	57.1	57.9	58.3	58.5	58.6	58.6	58.6	58.6	58.6
GE [illegible]	[illegible]	51.9	54.4	56.3	59.2	61.6	62.4	63.4	64.5	64.9	65.1	65.2	65.2	65.2	65.2	65.2
GE [illegible]	[illegible]	57.5	61.1	63.9	66.4	68.3	69.0	66.3	67.3	67.9	68.4	68.5	68.5	68.5	68.5	68.5
GE [illegible]	[illegible]	58.7	62.4	64.9	67.4	69.4	70.1	71.2	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE [illegible]	[illegible]	77.7	79.1	82.5	87.9	73.3	74.5	76.2	77.8	78.4	79.2	79.3	79.3	79.3	79.3	79.3
GE [illegible]	[illegible]	78.7	[illegible]	83.9	86.7	75.4	77.1	79.2	81.1	81.7	82.5	82.6	82.8	82.9	82.8	82.8
GE [illegible]	[illegible]	79.5	80.9	85.1	88.9	78.6	78.6	80.7	82.6	83.2	84.0	84.1	84.3	84.3	84.3	84.3
GE [illegible]	[illegible]	79.7	81.6	86.0	89.8	72.3	78.9	81.6	83.9	85.5	86.2	87.1	87.3	87.4	87.4	87.4
GE [illegible]	[illegible]	79.7	81.6	86.4	90.2	73.2	77.4	80.6	84.1	86.7	87.4	88.5	88.6	88.8	88.8	88.8
GE [illegible]	[illegible]	79.9	82.2	87.0	90.8	74.1	81.4	84.6	88.2	89.1	90.1	91.3	91.5	91.6	91.6	91.6
GE [illegible]	[illegible]	84.7	87.2	87.2	91.0	74.1	81.7	84.6	88.8	91.0	91.7	92.5	92.7	92.8	92.8	92.8
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.2	82.3	85.3	89.7	91.9	93.1	94.2	94.6	94.8	94.8	94.8
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	92.2	94.0	95.5	96.3	96.4	96.4	96.4
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.6	98.1	98.2	98.2
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.9	98.5	98.9	99.3
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.9	98.7	99.2	99.4

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40	GE 48
NO CEIL	[illegible]	16.5	17.7	18.4	19.0	19.6	19.6	20.2	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.4
GE [illegible]	[illegible]	25.5	26.5	26.2	29.5	30.0	30.6	31.2	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 10[illegible]	[illegible]	25.5	26.5	26.2	29.7	30.1	30.7	31.3	31.6	31.6	31.8	31.8	31.9	31.8	31.8	31.8
GE [illegible]	[illegible]	25.5	26.5	26.2	29.7	30.1	30.7	31.3	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8
GE 150[illegible]	[illegible]	26.7	28.2	28.0	31.5	31.9	32.5	33.1	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7
GE 1,7[illegible]	[illegible]	27.1	28.6	30.6	32.1	32.7	33.3	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5
GE 1[illegible]	[illegible]	29.2	30.7	32.7	34.2	34.8	35.4	36.0	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7
GE [illegible]	[illegible]	29.6	32.2	34.2	36.0	36.6	37.2	37.9	38.4	38.5	38.7	38.7	38.7	38.7	38.7	38.7
GE [illegible]	[illegible]	29.6	32.2	34.2	36.1	36.7	37.3	38.1	38.5	38.7	38.8	38.8	38.8	38.8	38.8	38.8
GE [illegible]	[illegible]	29.9	32.5	34.5	36.4	37.0	37.6	38.4	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1
GE [illegible]	[illegible]	30.0	33.4	35.5	37.8	38.4	39.1	39.9	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6
GE [illegible]	[illegible]	34.4	36.8	38.9	39.3	41.5	42.1	42.9	43.6	44.1	44.2	44.4	44.4	44.4	44.4	44.4
GE [illegible]	[illegible]	34.7	37.8	40.2	42.6	44.8	45.4	46.2	46.9	47.4	47.5	47.7	47.7	47.7	47.7	47.7
GE [illegible]	[illegible]	34.8	38.2	40.6	43.0	45.6	46.2	47.1	47.8	48.3	48.4	48.6	48.6	48.6	48.6	48.6
GE [illegible]	[illegible]	35.2	39.2	41.5	44.1	46.6	47.2	48.1	48.9	49.3	49.5	49.6	49.6	49.6	49.6	49.6
GE [illegible]	[illegible]	37.7	41.5	44.2	47.1	49.6	50.2	51.1	51.9	52.3	52.5	52.6	52.6	52.6	52.6	52.6
GE [illegible]	[illegible]	43.7	46.8	49.5	52.6	55.5	56.1	57.1	57.9	58.3	58.5	58.6	58.6	58.6	58.6	58.6
GE [illegible]	[illegible]	51.9	54.4	56.3	59.2	61.6	62.4	63.4	64.5	64.9	65.1	65.2	65.2	65.2	65.2	65.2
GE [illegible]	[illegible]	57.5	61.1	63.9	66.4	68.3	69.0	66.3	67.3	67.9	68.4	68.5	68.5	68.5	68.5	68.5
GE [illegible]	[illegible]	58.7	62.4	64.9	67.4	69.4	70.1	71.2	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE [illegible]	[illegible]	77.7	79.1	82.5	87.9	73.3	74.5	76.2	77.8	78.4	79.2	79.3	79.3	79.3	79.3	79.3
GE [illegible]	[illegible]	78.7	[illegible]	83.9	86.7	75.4	77.1	79.2	81.1	81.7	82.5	82.6	82.8	82.9	82.8	82.8
GE [illegible]	[illegible]	79.5	80.9	85.1	88.9	78.6	78.6	80.7	82.6	83.2	84.0	84.1	84.3	84.3	84.3	84.3
GE [illegible]	[illegible]	79.7	81.6	86.0	89.8	72.3	78.9	81.6	83.9	85.5	86.2	87.1	87.3	87.4	87.4	87.4
GE [illegible]	[illegible]	79.7	81.6	86.4	90.2	73.2	77.4	80.6	84.1	86.7	87.4	88.5	88.6	88.8	88.8	88.8
GE [illegible]	[illegible]	79.9	82.2	87.0	90.8	74.1	81.4	84.6	88.2	89.1	90.1	91.3	91.5	91.6	91.6	91.6
GE [illegible]	[illegible]	84.7	87.2	87.2	91.0	74.1	81.7	84.6	88.8	91.0	91.7	92.5	92.7	92.8	92.8	92.8
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.2	82.3	85.3	89.7	91.9	93.1	94.2	94.6	94.8	94.8	94.8
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	92.2	94.0	95.5	96.3	96.4	96.4	96.4
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.6	98.1	98.2	98.2
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.9	98.5	98.9	99.3
GE [illegible]	[illegible]	84.9	87.2	87.2	91.0	74.4	82.5	85.6	89.9	93.0	95.1	96.9	97.9	98.7	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS														
		GE 50	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	11.[illegible]	18.5	19.3	20.7	22.6	23.4	23.7	24.9	25.3	25.7	26.2	26.2	26.2	26.2	26.2
GE [illegible]	15.[illegible]	26.[illegible]	27.4	29.9	32.4	33.2	33.9	35.3	35.7	36.3	36.9	36.9	36.9	36.9	36.9
GE 1[illegible]	15.3	26.3	27.7	30.2	32.7	33.5	34.2	35.6	36.0	36.6	37.2	37.2	37.2	37.2	37.2
GE 1[illegible]	15.3	26.3	27.7	30.2	32.7	33.5	34.2	35.6	36.0	36.6	37.2	37.2	37.2	37.2	37.2
GE 2[illegible]	15.6	26.9	28.1	30.7	33.3	34.1	34.8	36.2	36.8	37.4	37.9	37.9	37.9	37.9	37.9
GE [illegible]	15.9	27.7	29.3	32.0	34.9	35.7	36.5	37.9	38.5	39.1	39.7	39.7	39.7	39.7	39.7
GE [illegible]	16.7	30.2	32.0	34.7	37.6	38.4	39.6	41.1	41.7	42.3	42.9	42.9	42.9	42.9	42.9
GE [illegible]	16.7	30.7	32.4	35.1	38.2	39.1	40.3	41.6	42.3	42.9	43.5	43.5	43.5	43.5	43.5
GE [illegible]	16.8	30.7	32.4	35.1	38.2	39.1	40.2	41.7	42.4	43.0	43.6	43.6	43.6	43.6	43.6
GE [illegible]	16.8	31.1	32.9	35.6	38.7	39.6	40.6	42.1	42.9	43.5	44.0	44.0	44.0	44.0	44.0
GE [illegible]	17.7	32.4	34.2	37.1	40.2	41.1	42.1	43.6	44.3	44.9	45.5	45.5	45.5	45.7	45.7
GE [illegible]	18.2	33.9	35.7	38.6	42.0	42.9	44.0	45.5	46.3	46.9	47.5	47.5	47.6	47.8	47.8
GE [illegible]	18.6	35.6	37.6	40.3	43.8	44.8	45.8	47.3	48.1	48.7	49.3	49.3	49.4	49.6	49.6
GE [illegible]	18.9	36.6	38.5	41.4	44.9	46.0	47.0	48.5	49.3	49.9	50.4	50.4	50.6	50.7	50.7
GE [illegible]	19.2	37.1	39.3	42.1	46.0	47.3	48.4	49.9	50.6	51.2	51.8	51.8	51.9	52.1	52.1
GE [illegible]	20.2	39.7	42.4	46.0	50.1	51.5	52.5	54.0	54.8	55.4	56.0	56.0	56.1	56.3	56.3
GE [illegible]	20.6	41.3	43.8	47.2	51.3	52.7	53.7	55.4	56.3	56.9	61.5	61.5	61.6	61.8	61.8
GE [illegible]	20.7	41.7	44.3	47.7	51.9	53.4	54.5	56.2	57.1	57.7	58.3	68.3	68.5	68.6	68.6
GE [illegible]	20.8	42.0	44.9	48.4	52.7	54.2	55.3	57.0	57.9	58.5	59.2	70.4	71.0	71.0	71.1
GE [illegible]	20.8	42.3	45.3	48.7	53.1	54.6	55.7	57.4	58.3	58.9	59.6	71.0	71.7	71.9	71.9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS														
		GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.7	17.8	22.7	24.2	26.3	27.4	28.8	29.2	29.8	30.0	30.4	30.4	30.4	30.4	30.4
GE [illegible]	17.7	21.1	24.3	27.7	29.8	32.[illegible]	33.7	35.3	35.9	36.6	36.8	37.2	37.2	37.2	37.2	37.4
GE [illegible]	17.7	21.7	24.9	28.3	30.4	32.6	34.3	35.9	36.6	37.4	37.5	38.0	38.0	38.0	38.0	38.1
GE 1[illegible]	17.7	21.7	24.9	28.3	30.4	32.6	34.3	35.9	36.6	37.4	37.5	38.0	38.0	38.0	38.0	38.1
GE 1[illegible]	17.7	22.1	25.4	28.8	30.9	33.1	34.7	36.4	37.2	38.1	38.3	38.7	38.7	38.7	38.7	38.9
GE 2[illegible]	17.7	22.6	26.3	29.7	31.8	34.0	35.6	37.2	38.1	39.0	39.2	39.6	39.6	39.6	39.6	39.8
GE 1[illegible]	17.1	23.7	27.3	30.9	32.9	35.[illegible]	36.8	38.9	39.8	40.9	41.1	41.5	41.5	41.5	41.5	41.7
GE 5[illegible]	17.4	24.3	27.9	31.6	34.1	36.5	38.1	40.2	41.1	42.3	42.4	42.9	42.9	42.9	42.9	43.0
GE 6[illegible]	17.4	24.5	28.2	31.8	34.4	36.8	38.6	40.7	41.5	42.7	42.9	43.3	43.3	43.3	43.3	43.5
GE 7[illegible]	17.4	24.6	28.2	31.9	34.6	36.9	38.7	40.9	41.7	42.9	43.0	43.5	43.5	43.5	43.5	43.6
GE 8[illegible]	17.8	25.8	29.4	33.2	36.1	38.9	40.7	42.7	43.6	45.0	45.[illegible]	45.7	46.0	46.0	46.0	46.3
GE 9[illegible]	19.4	26.7	30.3	34.3	38.1	40.9	42.[illegible]	45.3	46.1	47.5	47.8	48.2	48.5	48.5	48.5	48.8
GE 4[illegible]	19.1	27.4	31.0	35.0	39.0	41.8	44.1	46.3	47.2	48.5	48.8	49.3	49.6	49.6	49.6	49.9
GE 4[illegible]	19.7	28.9	33.2	37.4	41.5	44.4	46.6	48.8	49.7	51.0	51.3	51.8	52.1	52.1	52.1	52.4
GE 4[illegible]	19.8	29.2	33.6	38.0	42.7	45.5	47.8	50.0	50.9	52.2	52.5	53.0	53.3	53.3	53.3	53.6
GE [illegible]	17.8	31.8	36.5	41.4	45.5	48.4	50.7	53.0	53.9	55.2	55.5	55.9	56.2	56.2	56.2	56.5
GE [illegible]	19.6	34.9	39.9	45.1	49.4	52.4	54.9	57.1	58.0	59.3	59.6	60.1	60.4	60.4	60.4	60.7
GE [illegible]	21.4	37.7	43.9	50.1	54.7	57.7	60.2	62.6	63.5	65.0	65.6	66.0	66.3	66.3	66.3	66.6
GE [illegible]	22.1	39.6	46.1	52.6	56.4	59.5	62.0	64.4	65.3	66.8	67.4	67.6	68.1	68.1	68.1	68.4
GE [illegible]	23.7	41.5	47.[illegible]	54.2	58.5	62.[illegible]	65.4	68.2	69.3	70.8	71.4	71.8	72.1	72.1	72.1	72.4
GE [illegible]	24.9	44.4	50.6	58.0	64.5	68.2	71.9	74.5	76.[illegible]	77.4	78.0	78.5	79.8	78.8	78.8	79.1
GE [illegible]	25.[illegible]	44.6	51.3	59.9	66.3	70.2	73.0	76.9	78.3	79.8	80.4	80.9	81.2	81.2	81.2	81.5
GE [illegible]	26.[illegible]	45.2	51.9	61.8	67.2	71.1	73.9	77.9	79.4	80.9	81.5	81.9	82.2	82.2	82.2	82.5
GE [illegible]	26.7	46.9	53.9	63.1	69.6	73.6	76.4	80.4	81.9	83.4	84.0	84.4	84.7	84.7	84.7	85.0
GE [illegible]	26.7	47.3	54.6	64.1	70.9	74.9	77.7	82.0	83.[illegible]	85.3	86.9	86.4	86.6	86.6	86.6	86.9
GE [illegible]	26.7	47.5	54.7	64.5	72.1	76.6	79.4	84.3	86.2	87.7	89.3	88.7	89.0	89.0	89.0	89.3
GE [illegible]	26.7	47.[illegible]	55.[illegible]	65.[illegible]	72.7	77.3	80.3	85.2	87.4	88.9	89.5	89.9	90.2	90.2	90.2	90.5
GE [illegible]	26.7	47.5	55.[illegible]	65.1	73.1	78.[illegible]	81.2	86.2	88.4	89.6	90.5	90.9	91.2	91.2	91.2	91.5
GE [illegible]	26.7	47.5	55.[illegible]	65.1	73.7	79.[illegible]	82.0	87.4	89.9	91.[illegible]	91.8	92.3	92.6	92.6	92.6	92.9
GE [illegible]	26.7	47.5	55.[illegible]	65.1	73.9	79.9	82.5	88.[illegible]	90.7	92.7	93.[illegible]	93.9	94.2	94.2	94.2	94.5
GE [illegible]	26.7	47.5	55.[illegible]	65.1	73.9	79.9	82.5	88.3	91.7	94.2	95.4	96.0	96.3	96.6	96.6	97.3
ALL	26.7	47.5	55.[illegible]	65.[illegible]	73.9	79.9	82.5	88.3	91.7	94.2	95.4	96.1	96.9	97.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: DPIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1	GE 1	GE 2	GE 6	GE 10	GE 16	GE 32	GE 40	GE 50	GE 80	GE 120	GE 160	GE 80	GE 50	GE 40	GE 0
NO CEIL	9.6	14.3	15.7	17.9	19.4	20.6	21.6	22.7	23.2	23.7	23.9	24.0	24.1	24.2	24.2	24.2
GE 20000	20.1	19.2	23.9	24.1	26.2	27.7	29.0	30.5	31.2	31.7	32.0	32.1	32.2	32.2	32.2	32.4
GE 15000	17.3	19.3	21.2	24.2	26.4	27.9	29.3	30.8	31.5	32.0	32.2	32.4	32.5	32.5	32.5	32.7
GE 10000	17.7	19.3	21.0	24.2	26.4	27.9	29.3	30.8	31.5	32.0	32.2	32.4	32.5	32.5	32.5	32.7
GE 9000	17.9	19.8	21.5	24.9	27.1	28.6	30.0	31.5	32.2	32.8	33.0	33.2	33.3	33.3	33.3	33.5
GE 8000	17.7	20.5	22.3	25.6	28.1	29.6	31.0	32.6	33.4	34.0	34.3	34.4	34.5	34.5	34.6	34.7
GE 7000	17.6	22.2	24.1	27.6	30.1	31.6	33.1	34.6	35.7	36.4	36.7	36.8	36.9	37.0	37.0	37.1
GE 6000	18.8	22.6	24.7	28.3	30.9	32.4	33.9	35.7	36.7	37.4	37.7	37.8	37.9	38.0	38.0	38.1
GE 5000	17.9	22.9	24.8	28.4	31.1	32.6	34.1	35.9	36.9	37.6	37.9	38.0	38.1	38.2	38.2	38.3
GE 4000	17.4	23.	25.1	28.7	31.4	32.9	34.5	36.3	37.2	37.9	38.2	38.4	38.4	38.5	38.5	38.7
GE 3000	14.4	24.2	26.2	30.0	32.8	34.4	36.0	37.8	38.8	39.6	39.9	40.0	40.1	40.2	40.3	40.4
GE 2500	15.9	26.5	28.7	32.7	35.8	37.6	39.3	41.2	42.2	43.0	43.3	43.5	43.6	43.7	43.7	43.9
GE 2000	17.2	29.1	30.4	34.6	37.7	39.6	41.3	43.3	44.4	45.1	45.5	45.6	45.8	45.9	45.9	46.1
GE 1800	17.9	29.4	31.7	36.1	39.4	41.3	43.0	45.2	46.3	47.0	47.4	47.5	47.6	47.7	47.8	48.0
GE 1600	18.1	29.9	32.4	36.9	40.2	42.2	44.0	46.1	47.2	48.0	48.3	48.5	48.6	48.7	48.8	49.0
GE 1400	17.2	31.6	34.6	39.4	42.8	44.8	46.6	48.8	49.9	50.7	51.0	51.2	51.3	51.4	51.5	51.7
GE 1200	17.9	34.7	37.8	42.9	46.6	48.6	50.4	52.8	54.0	54.7	55.1	55.2	55.3	55.4	55.5	55.7
GE 1000	17.9	38.6	41.9	47.0	51.6	53.8	55.9	58.7	59.6	60.5	60.9	61.1	61.2	61.3	61.4	61.6
GE 900	17.9	40.1	43.5	49.5	53.6	55.9	57.9	60.6	61.9	62.9	63.3	63.5	63.7	63.8	63.8	64.0
GE 800	18.1	42.2	45.9	52.3	57.2	59.4	61.5	64.3	65.6	66.6	67.2	67.4	67.5	67.6	67.7	67.9
GE 700	18.7	44.6	48.7	55.8	61.2	63.5	66.5	69.6	71.0	72.2	72.7	72.9	73.0	73.1	73.2	73.4
GE 600	19.1	46.7	50.8	57.8	63.6	66.6	69.4	72.8	74.2	75.5	76.0	76.2	76.4	76.5	76.5	76.7
GE 500	19.2	48.2	52.6	59.6	65.7	68.7	71.5	75.0	76.6	77.3	77.5	77.7	77.7	77.8	77.8	78.0
GE 400	19.4	49.1	53.9	61.0	67.4	70.4	73.2	76.9	78.5	79.6	80.3	80.5	80.7	80.8	80.9	81.1
GE 300	19.4	49.7	54.7	62.0	68.5	71.6	74.8	78.6	80.2	81.2	82.0	82.2	82.4	83.1	83.2	83.3	83.5
GE 200	19.6	49.8	54.8	62.5	69.8	72.7	76.8	81.4	83.3	84.7	85.3	85.5	85.8	85.9	85.9	86.1
GE 100	19.6	49.8	54.8	62.5	69.8	72.7	76.8	81.4	83.3	84.7	85.3	85.5	85.8	85.9	85.9	86.1
GE 0	19.6	49.8	54.8	63.7	71.9	76.3	79.9	86.2	89.4	92.2	93.9	94.5	95.1	96.2	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 5374

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	TOTAL	GE 20	GE 50	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
60 CEIL	27.7	28.2	28.4	29.1	31.8	32.2	33.9	34.1	34.2	34.3	34.5	34.5	34.6	34.9	34.9	34.9
GE 2	27.4	29.6	32.2	34.1	35.8	37.6	38.4	39.1	39.2	39.3	39.5	39.5	39.6	39.9	39.9	39.9
GE 1	27.4	29.6	32.3	34.3	36.1	37.9	38.7	39.3	39.5	39.6	39.8	39.8	39.9	40.2	40.2	40.2
GE 1	27.4	29.6	32.3	34.3	36.1	37.9	38.7	39.3	39.5	39.6	39.8	39.8	39.9	40.2	40.2	40.2
GE 1	27.6	29.9	32.6	34.6	36.4	38.1	38.9	39.6	39.9	40.0	40.2	40.2	40.3	40.6	40.6	40.6
GE 1	28.7	31.5	34.2	36.4	38.2	40.0	40.8	41.7	41.9	41.9	42.1	42.1	42.2	42.5	42.5	42.5
GE 1	29.7	32.6	36.1	38.4	40.3	42.2	43.0	43.8	44.0	44.1	44.2	44.2	44.4	44.6	44.6	44.6
GE	29.9	32.8	36.4	38.2	41.1	43.0	43.8	44.6	44.8	44.9	45.0	45.0	45.2	45.5	45.5	45.5
GE	29.9	32.8	36.6	38.4	41.1	43.0	43.8	44.6	44.8	44.9	45.0	45.0	45.2	45.5	45.5	45.5
GE	30.7	34.1	37.2	39.0	41.5	43.4	44.2	45.2	45.3	45.5	45.6	45.6	45.7	46.0	46.0	46.0
GE	31.7	35.2	38.1	40.7	42.7	44.6	45.5	46.4	46.7	47.2	47.4	47.4	47.5	47.8	47.8	47.8
GE	36.1	38.3	41.5	44.6	46.8	48.8	49.9	51.2	51.4	52.2	52.4	52.4	52.5	52.8	52.8	52.8
GE	37.9	39.8	43.1	46.4	48.6	51.6	51.7	52.9	53.2	54.0	54.1	54.1	54.3	54.5	54.5	54.5
GE	38.0	41.0	44.5	47.9	50.1	52.2	53.3	54.8	55.1	55.9	56.0	56.0	56.2	56.4	56.4	56.4
GE	39.0	42.6	45.6	49.5	51.7	54.0	55.1	56.6	56.9	57.7	57.8	57.8	57.9	58.2	58.2	58.2
GE	42.7	45.4	47.2	51.3	53.6	56.0	57.3	58.8	59.3	60.1	60.2	60.2	60.4	60.7	60.7	60.7
GE	45.7	48.4	50.3	54.5	56.7	59.3	60.5	62.3	62.8	63.6	63.8	63.8	63.9	64.2	64.2	64.2
GE	46.1	48.7	50.5	54.8	57.0	59.6	60.7	62.5	63.0	63.8	64.0	64.0	64.1	64.4	64.4	64.4
GE	47.1	49.8	51.6	55.9	58.2	60.9	62.0	63.9	64.4	65.2	65.4	65.4	65.5	65.8	65.8	65.8
GE	47.4	50.1	52.0	56.3	58.6	61.3	62.4	64.3	64.8	65.6	65.8	65.8	65.9	66.2	66.2	66.2
GE	48.4	51.1	53.0	57.3	59.6	62.3	63.4	65.3	65.8	66.6	66.8	66.8	66.9	67.2	67.2	67.2
GE	49.4	52.1	54.0	58.3	60.6	63.3	64.4	66.3	66.8	67.6	67.8	67.8	67.9	68.2	68.2	68.2
GE	50.4	53.1	55.0	59.3	61.6	64.3	65.4	67.3	67.8	68.6	68.8	68.8	68.9	69.2	69.2	69.2
GE	51.4	54.1	56.0	60.3	62.6	65.3	66.4	68.3	68.8	69.6	69.8	69.8	69.9	70.2	70.2	70.2
GE	52.4	55.1	57.0	61.3	63.6	66.3	67.4	69.3	69.8	70.6	70.8	70.8	70.9	71.2	71.2	71.2
GE	53.4	56.1	58.0	62.3	64.6	67.3	68.4	70.3	70.8	71.6	71.8	71.8	71.9	72.2	72.2	72.2
GE	54.4	57.1	59.0	63.3	65.6	68.3	69.4	71.3	71.8	72.6	72.8	72.8	72.9	73.2	73.2	73.2
GE	55.4	58.1	60.0	64.3	66.6	69.3	70.4	72.3	72.8	73.6	73.8	73.8	73.9	74.2	74.2	74.2
GE	56.4	59.1	61.0	65.3	67.6	70.3	71.4	73.3	73.8	74.6	74.8	74.8	74.9	75.2	75.2	75.2
GE	57.4	60.1	62.0	66.3	68.6	71.3	72.4	74.3	74.8	75.6	75.8	75.8	75.9	76.2	76.2	76.2
GE	58.4	61.1	63.0	67.3	69.6	72.3	73.4	75.3	75.8	76.6	76.8	76.8	76.9	77.2	77.2	77.2
GE	59.4	62.1	64.0	68.3	70.6	73.3	74.4	76.3	76.8	77.6	77.8	77.8	77.9	78.2	78.2	78.2
GE	60.4	63.1	65.0	69.3	71.6	74.3	75.4	77.3	77.8	78.6	78.8	78.8	78.9	79.2	79.2	79.2
GE	61.4	64.1	66.0	70.3	72.6	75.3	76.4	78.3	78.8	79.6	79.8	79.8	79.9	80.2	80.2	80.2
GE	62.4	65.1	67.0	71.3	73.6	76.3	77.4	79.3	79.8	80.6	80.8	80.8	80.9	81.2	81.2	81.2
GE	63.4	66.1	68.0	72.3	74.6	77.3	78.4	80.3	80.8	81.6	81.8	81.8	81.9	82.2	82.2	82.2
GE	64.4	67.1	69.0	73.3	75.6	78.3	79.4	81.3	81.8	82.6	82.8	82.8	82.9	83.2	83.2	83.2
GE	65.4	68.1	70.0	74.3	76.6	79.3	80.4	82.3	82.8	83.6	83.8	83.8	83.9	84.2	84.2	84.2
GE	66.4	69.1	71.0	75.3	77.6	80.3	81.4	83.3	83.8	84.6	84.8	84.8	84.9	85.2	85.2	85.2
GE	67.4	70.1	72.0	76.3	78.6	81.3	82.4	84.3	84.8	85.6	85.8	85.8	85.9	86.2	86.2	86.2
GE	68.4	71.1	73.0	77.3	79.6	82.3	83.4	85.3	85.8	86.6	86.8	86.8	86.9	87.2	87.2	87.2
GE	69.4	72.1	74.0	78.3	80.6	83.3	84.4	86.3	86.8	87.6	87.8	87.8	87.9	88.2	88.2	88.2
GE	70.4	73.1	75.0	79.3	81.6	84.3	85.4	87.3	87.8	88.6	88.8	88.8	88.9	89.2	89.2	89.2
GE	71.4	74.1	76.0	80.3	82.6	85.3	86.4	88.3	88.8	89.6	89.8	89.8	89.9	90.2	90.2	90.2
GE	72.4	75.1	77.0	81.3	83.6	86.3	87.4	89.3	89.8	90.6	90.8	90.8	90.9	91.2	91.2	91.2
GE	73.4	76.1	78.0	82.3	84.6	87.3	88.4	90.3	90.8	91.6	91.8	91.8	91.9	92.2	92.2	92.2
GE	74.4	77.1	79.0	83.3	85.6	88.3	89.4	91.3	91.8	92.6	92.8	92.8	92.9	93.2	93.2	93.2
GE	75.4	78.1	80.0	84.3	86.6	89.3	90.4	92.3	92.8	93.6	93.8	93.8	93.9	94.2	94.2	94.2
GE	76.4	79.1	81.0	85.3	87.6	90.3	91.4	93.3	93.8	94.6	94.8	94.8	94.9	95.2	95.2	95.2
GE	77.4	80.1	82.0	86.3	88.6	91.3	92.4	94.3	94.8	95.6	95.8	95.8	95.9	96.2	96.2	96.2
GE	78.4	81.1	83.0	87.3	89.6	92.3	93.4	95.3	95.8	96.6	96.8	96.8	96.9	97.2	97.2	97.2
GE	79.4	82.1	84.0	88.3	90.6	93.3	94.4	96.3	96.8	97.6	97.8	97.8	97.9	98.2	98.2	98.2
GE	80.4	83.1	85.0	89.3	91.6	94.3	95.4	97.3	97.8	98.6	98.8	98.8	98.9	99.2	99.2	99.2
GE	81.4	84.1	86.0	90.3	92.6	95.3	96.4	98.3	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 30	GE 20	GE 15	GE 10	GE 8	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 3/4	GE 1 1/2	GE 1 1/4	GE 1	GE 0
NO CEIL	19.4	19.6	27.3	32.9	34.3	35.7	26.4	26.2	26.3	28.6	29.0	29.0	29.3	29.4	29.7	30.4
GE 20000	17.3	22.6	24.5	27.4	28.7	30.4	31.0	33.1	33.2	33.5	33.9	33.9	34.3	34.4	34.7	35.4
GE 10000	17.7	22.6	24.5	27.4	28.7	30.4	31.0	33.2	33.3	33.7	34.1	34.1	34.6	34.7	35.0	35.6
GE 5000	17.7	22.6	24.5	27.4	28.7	30.4	31.0	33.2	33.3	33.7	34.1	34.1	34.6	34.7	35.0	35.6
GE 4000	17.7	22.6	24.7	27.5	28.9	30.6	31.3	33.5	33.6	34.0	34.4	34.4	34.8	35.0	35.2	35.9
GE 2000	17.8	23.3	25.2	28.0	29.4	31.2	31.8	34.0	34.2	34.7	35.1	35.1	35.5	35.6	35.9	36.6
GE 1500	18.2	24.1	26.0	29.3	30.6	32.6	33.5	35.6	35.9	36.3	36.7	36.7	37.1	37.4	37.7	38.3
GE 1000	18.7	24.9	27.0	30.4	31.7	33.9	34.6	36.9	37.1	37.5	37.9	37.9	38.3	38.6	38.9	39.6
GE 800	18.8	25.2	27.5	30.9	32.2	34.4	35.1	37.4	37.7	38.1	38.5	38.5	38.9	39.2	39.4	40.1
GE 600	19.1	25.6	27.8	31.2	32.5	34.7	35.4	37.6	38.1	38.5	38.9	38.9	39.3	39.6	39.8	40.5
GE 400	19.8	26.3	28.9	32.4	33.7	35.9	36.9	39.4	39.7	40.1	40.5	40.5	40.9	41.2	41.5	42.1
GE 200	20.9	28.5	31.7	34.8	36.2	38.5	40.0	42.5	42.9	43.4	43.8	43.8	44.2	44.4	44.7	45.4
GE 100	21.2	29.0	32.8	36.7	38.1	40.4	41.9	44.4	44.7	45.3	45.7	45.7	46.1	46.3	46.6	47.3
GE 50	22.9	31.7	34.7	38.6	40.1	42.5	44.0	47.0	47.3	47.8	48.2	48.2	48.6	48.9	49.2	49.9
GE 40	23.9	31.8	35.0	39.2	40.7	43.1	44.6	47.7	48.0	48.5	48.9	48.9	49.3	49.6	49.9	50.5
GE 30	24.7	33.3	36.4	41.2	42.7	45.4	47.2	50.3	50.5	51.1	51.5	51.5	51.9	52.2	52.4	53.1
GE 20	26.2	37.0	40.2	45.1	46.6	49.5	51.4	54.6	54.9	55.4	55.8	55.8	56.2	56.5	56.8	57.5
GE 15	27.1	41.3	44.9	50.5	52.2	55.3	57.3	60.6	60.8	61.6	62.2	62.3	62.7	63.0	63.3	64.0
GE 10	28.0	42.1	45.7	51.8	53.8	56.8	58.8	62.3	62.9	63.8	64.2	64.4	64.8	65.0	65.3	66.0
GE 8	28.3	43.4	48.9	55.4	57.7	60.8	62.9	66.4	66.9	67.9	68.3	68.4	68.8	69.1	69.4	70.1
GE 6	29.7	46.1	52.2	58.9	61.7	65.0	67.1	70.7	71.3	72.2	72.6	72.8	73.2	73.4	73.7	74.4
GE 5	30.5	50.3	56.5	64.4	67.3	71.2	74.3	78.6	79.2	80.5	81.0	81.2	81.6	81.8	82.1	82.8
GE 4	30.9	51.1	57.4	65.4	68.4	72.4	75.7	80.1	80.8	82.1	82.6	82.8	83.2	83.4	83.7	84.5
GE 3	31.4	52.6	59.7	68.1	71.8	76.1	79.4	84.1	84.9	86.3	86.9	87.1	87.5	87.8	88.1	89.0
GE 2	31.7	53.7	60.9	69.4	73.3	77.7	81.1	86.0	86.8	88.3	89.0	89.2	89.6	89.8	90.1	91.0
GE 1	32.4	54.6	62.0	70.6	74.6	79.1	82.6	87.6	88.5	90.0	90.8	91.0	91.4	91.7	92.0	92.9
GE 0	32.4	54.6	62.0	70.6	74.6	79.1	82.6	87.6	88.5	90.0	90.8	91.0	91.4	91.7	92.0	92.9

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
417 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 83849C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 74-86
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5
NO CEIL	9.1	12.6	13.4	14.3	15.1	16.6	16.6	17.2	17.6	18.6	18.9	19.1	19.1	19.9	19.9	21.1
GE 20000	13.5	13.1	19.5	21.6	21.9	23.2	23.6	24.3	24.7	26.2	26.2	26.6	26.6	27.6	27.7	29.1
GE 15000	13.5	14.1	19.5	21.6	21.9	23.2	23.8	24.5	24.9	26.4	26.4	26.8	26.8	27.7	27.8	29.2
GE 12000	13.5	14.1	19.5	21.6	21.9	23.2	23.8	24.5	24.9	26.4	26.4	26.8	26.8	27.7	27.8	29.2
GE 10000	13.5	14.1	21.4	21.6	22.7	24.2	24.7	25.4	25.9	27.3	27.3	27.7	27.7	28.6	28.8	30.1
GE 9000	13.5	15.4	21.8	23.1	24.2	25.9	26.5	27.2	27.6	29.1	29.1	29.5	29.5	30.4	30.5	31.9
GE 8000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 7000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 6000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 5000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 4000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 3500	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 3000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 2500	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 2000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 1800	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 1600	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 1400	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 1200	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 1000	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 900	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 800	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 700	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 600	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 500	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 400	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 300	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 200	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 100	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0
GE 0	13.5	15.5	21.9	23.2	24.3	26.0	26.6	27.3	27.7	29.2	29.2	29.6	29.6	30.5	30.6	32.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 76-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 80	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	[illegible]	21.5	17.7	13.8	16.1	15.5	16.1	16.6	17.2	18.0	18.0	18.1	18.7	18.5	18.6	19.2
GE [illegible]	19.4	19.4	19.7	20.9	22.4	23.0	23.9	24.7	25.3	26.1	26.1	26.2	26.4	26.6	26.8	27.3
GE [illegible]	19.4	19.4	19.7	21.1	22.6	23.1	24.1	24.9	25.4	26.2	26.2	26.4	26.5	26.8	26.9	27.4
GE [illegible]	19.4	19.4	19.7	21.1	22.6	23.1	24.1	24.9	25.4	26.2	26.2	26.4	26.5	26.8	26.9	27.4
GE [illegible]	19.4	19.3	20.7	22.0	23.5	24.1	25.0	25.8	26.4	27.2	27.2	27.3	27.4	27.7	27.8	28.4
GE [illegible]	19.7	[illegible]	21.4	22.8	24.3	[illegible]	25.9	26.8	27.3	28.1	28.1	28.2	28.4	28.6	28.8	29.3
GE [illegible]	22.7	22.4	23.9	25.5	27.2	27.8	28.8	29.6	30.1	30.9	30.9	31.1	31.2	31.5	31.6	32.2
GE [illegible]	23.9	23.4	25.3	27.2	28.9	29.6	30.5	31.4	31.9	32.7	32.7	32.8	33.0	33.2	33.4	33.9
GE [illegible]	23.9	23.6	25.5	27.6	29.3	30.0	30.9	31.8	32.3	33.1	33.1	33.2	33.4	33.6	33.8	34.3
GE [illegible]	17.8	23.6	25.7	27.7	29.5	30.1	31.1	31.9	32.4	33.2	33.2	33.4	33.5	33.8	33.9	34.5
GE [illegible]	24.5	24.7	26.6	29.1	31.2	31.9	32.8	33.8	34.5	35.3	35.3	35.4	35.5	35.8	35.9	36.5
GE [illegible]	19.7	26.9	29.3	32.2	34.5	35.4	36.4	37.3	38.1	38.9	38.9	39.1	39.3	39.6	39.7	40.3
GE [illegible]	20.5	27.9	31.4	34.3	36.6	37.6	38.5	39.5	40.3	41.1	41.1	41.2	41.5	41.8	41.9	42.4
GE [illegible]	20.7	28.3	32.3	36.4	40.7	41.9	43.0	44.1	44.9	45.7	45.7	45.8	46.1	46.4	46.5	47.0
GE [illegible]	20.7	28.4	32.5	36.6	40.9	42.2	43.4	44.5	45.3	46.1	46.1	46.2	46.5	46.8	46.9	47.4
GE [illegible]	23.4	34.1	37.3	41.1	43.5	44.7	45.9	47.0	47.8	48.6	48.6	48.8	49.1	49.3	49.5	50.0
GE [illegible]	25.4	36.2	39.9	44.1	46.8	48.4	49.6	50.7	51.5	52.3	52.3	52.4	52.7	53.0	53.1	53.6
GE [illegible]	25.7	42.4	46.4	51.2	54.1	55.7	56.9	58.0	58.8	59.6	59.6	59.7	60.0	60.3	60.4	60.9
GE [illegible]	25.7	45.1	49.1	53.9	56.4	58.5	59.7	60.9	61.8	62.6	62.6	62.7	63.0	63.2	63.4	63.9
GE [illegible]	25.7	49.1	53.3	58.1	61.1	63.2	64.2	65.4	66.2	67.0	67.0	67.2	67.4	67.7	67.8	68.4
GE [illegible]	25.7	52.9	58.4	63.9	67.2	69.3	70.8	72.3	73.1	73.9	73.9	74.1	74.3	74.6	74.7	75.3
GE [illegible]	25.7	56.8	61.6	68.3	71.4	73.6	75.4	77.3	78.1	78.9	78.9	79.1	79.3	79.6	79.7	80.3
GE [illegible]	25.7	58.2	63.1	69.9	73.5	76.1	77.7	79.6	80.5	81.4	81.4	81.5	81.8	82.0	82.2	82.7
GE [illegible]	25.7	58.5	64.2	71.1	75.2	78.1	79.7	81.8	83.0	83.6	83.9	84.1	84.3	84.6	84.7	85.3
GE [illegible]	25.7	58.5	65.3	72.6	77.3	80.2	81.9	84.2	85.4	86.4	86.5	86.6	86.9	87.2	87.3	87.8
GE [illegible]	25.7	62.9	67.2	75.3	80.5	83.4	85.7	88.2	89.6	90.5	90.9	91.1	91.4	91.6	91.8	92.3
GE [illegible]	25.7	63.9	67.3	75.8	81.5	84.6	87.4	90.1	91.5	92.4	92.8	93.0	93.2	93.5	93.6	94.2
GE [illegible]	25.7	63.9	67.3	76.1	82.2	85.5	88.4	91.6	93.1	94.3	94.7	95.0	95.3	95.5	95.7	96.2
GE [illegible]	25.7	63.9	67.3	76.4	82.4	85.8	88.8	92.7	94.3	96.1	96.5	96.8	97.0	97.3	97.4	98.0
GE [illegible]	25.7	63.9	67.3	76.4	82.4	86.1	89.2	93.5	95.1	97.2	97.6	98.0	98.2	98.5	98.6	99.2
GE [illegible]	25.7	63.9	67.3	76.4	82.4	86.1	89.3	93.6	95.3	97.4	98.0	98.5	98.8	99.1	99.2	99.7
GE [illegible]	25.7	63.9	67.3	76.4	82.4	86.1	89.3	93.6	95.3	97.4	98.0	98.5	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NR [illegible]: 03049 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 10	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2	GE 1	GE 0	GE 0	GE 0	GE 0	GE 0	GE 0	GE 0	GE 0
NO CEIL	[illegible]	12.9	12.9	13.5	13.5	13.7	14.0	14.1	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE [illegible]	[illegible]	21.2	21.2	22.0	22.3	22.7	22.9	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE [illegible]	[illegible]	21.4	21.4	22.3	22.5	22.9	23.2	23.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE [illegible]	[illegible]	21.4	21.4	22.3	22.5	22.9	23.2	23.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE [illegible]	[illegible]	22.4	22.4	23.4	23.6	24.0	24.3	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE [illegible]	[illegible]	23.6	23.8	25.0	25.7	26.0	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE [illegible]	[illegible]	25.0	25.1	26.4	26.6	27.1	27.3	27.5	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE [illegible]	[illegible]	25.5	25.7	26.9	27.2	27.6	27.9	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE [illegible]	[illegible]	26.2	26.4	27.6	28.2	28.4	28.7	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE [illegible]	[illegible]	26.4	26.6	27.7	28.2	28.6	28.8	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE [illegible]	[illegible]	27.3	27.6	29.0	29.4	30.1	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE [illegible]	[illegible]	29.7	30.1	31.6	32.1	32.2	33.8	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE [illegible]	[illegible]	33.7	34.2	36.0	36.5	37.6	38.2	38.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE [illegible]	[illegible]	37.6	38.0	40.2	41.2	42.4	43.0	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE [illegible]	[illegible]	40.8	41.7	42.9	43.9	45.1	45.6	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE [illegible]	[illegible]	47.8	48.6	48.8	47.9	49.2	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE [illegible]	[illegible]	49.0	50.1	52.5	53.6	54.6	55.4	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE [illegible]	[illegible]	58.5	60.0	63.7	65.1	66.5	67.2	67.4	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1
GE [illegible]	[illegible]	61.1	63.2	66.0	68.3	69.6	70.3	70.6	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3
GE [illegible]	[illegible]	67.0	70.7	72.5	74.0	74.9	75.3	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
GE [illegible]	[illegible]	72.4	76.0	78.0	79.0	80.6	81.6	82.1	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
GE [illegible]	[illegible]	73.4	76.9	82.0	84.6	86.4	87.6	88.3	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6
GE [illegible]	[illegible]	74.3	77.9	83.4	86.3	88.0	89.3	90.0	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE [illegible]	[illegible]	76.1	79.8	85.9	89.0	90.6	92.6	93.3	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE [illegible]	[illegible]	76.5	80.5	86.6	90.2	92.0	93.8	94.5	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9
GE [illegible]	[illegible]	76.9	80.9	87.5	91.1	93.3	95.1	96.0	96.8	97.5	97.5	97.7	97.7	97.7	97.7	97.7
GE [illegible]	[illegible]	76.9	80.9	87.6	91.5	93.7	95.7	96.8	97.7	98.4	99.5	98.6	98.6	98.6	98.6	98.6
GE [illegible]	[illegible]	76.9	80.9	87.9	92.0	94.4	96.4	97.7	98.5	99.2	99.3	99.5	99.5	99.5	99.5	99.5
GE [illegible]	[illegible]	76.9	80.9	87.9	92.0	94.4	96.4	97.7	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6
GE [illegible]	[illegible]	76.9	80.9	87.9	92.0	94.4	96.4	97.8	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.9	80.9	87.9	92.0	94.4	96.4	97.8	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.9	80.9	87.9	92.0	94.4	96.4	97.8	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTALE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 078490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 70-86
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.8	16.0	16.1	16.4	17.2	17.3	17.3	17.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE [illegible]	22.1	25.7	25.9	26.2	27.0	27.1	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 10000	22.1	25.7	25.9	26.2	27.0	27.1	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 15000	22.4	26.0	26.2	26.4	27.2	27.4	27.5	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 20000	27.6	27.2	27.4	27.6	28.5	28.6	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 25000	29.2	30.4	30.5	30.9	31.7	31.8	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE [illegible]	33.0	33.7	34.0	34.4	35.2	35.4	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 5000	33.5	34.8	35.2	35.6	36.4	36.6	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 6000	33.5	35.1	35.6	36.0	36.9	37.0	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 7000	33.7	35.6	36.2	36.6	37.4	37.5	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 8000	33.9	36.7	37.3	37.7	38.5	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE [illegible]	37.2	41.1	41.7	42.4	43.2	43.6	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 9000	38.9	46.6	46.6	47.6	48.4	48.8	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 10000	40.5	51.2	52.2	53.1	53.9	54.9	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 11000	41.7	52.3	53.3	54.2	55.4	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	44.5	56.0	56.9	57.9	59.1	60.0	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE [illegible]	48.1	60.0	61.4	62.5	64.0	64.9	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE [illegible]	51.3	65.3	67.1	69.1	71.0	72.1	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE [illegible]	51.4	66.9	68.8	71.0	72.9	74.1	74.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE [illegible]	53.0	72.6	75.2	78.0	79.5	80.4	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE [illegible]	54.3	74.9	77.9	81.3	84.4	86.0	87.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE [illegible]	54.5	75.9	79.1	83.3	86.7	88.3	89.6	90.5	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE [illegible]	54.5	76.4	79.8	84.3	87.7	89.3	90.5	91.5	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE [illegible]	54.5	77.2	80.4	85.4	89.8	91.6	92.3	93.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE [illegible]	54.5	77.9	81.6	86.2	89.7	92.0	93.5	94.7	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE [illegible]	54.6	78.0	82.5	87.3	90.9	93.2	94.7	96.1	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE [illegible]	54.6	78.0	82.8	87.6	91.2	94.3	95.9	97.4	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE [illegible]	54.6	78.2	82.9	88.1	92.1	94.6	96.2	97.8	98.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE [illegible]	54.6	78.2	82.9	88.1	92.1	94.6	96.2	98.0	98.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE [illegible]	54.6	78.2	82.9	88.1	92.1	94.6	96.2	98.0	98.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE [illegible]	54.6	78.2	82.9	88.1	92.3	94.7	96.3	98.1	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	54.6	78.2	82.9	88.1	92.3	94.7	96.3	98.1	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAR HOURS(LST): $1800-2000$

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1/2	GE 1/2	GE 1	GE 2	GE 4	GE 6	GE 12	GE 20	GE 30	GE 40	GE 50	GE 60	GE 80	GE 100	GE 200	GE 0
NO CEIL	23.7	23.1	23.8	24.9	24.9	24.9	25.6	26.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 100 AND LT 200	24.7	31.6	32.1	33.6	33.6	33.6	34.2	35.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 200 AND LT 300	24.7	31.6	32.1	33.6	33.6	33.6	34.2	35.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 300 AND LT 400	24.8	31.6	32.1	33.6	33.6	33.6	34.2	35.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 400 AND LT 500	24.8	31.1	32.2	33.7	33.7	33.7	34.4	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 500 AND LT 600	25.7	34.2	35.3	36.8	36.8	36.9	37.6	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 600 AND LT 700	28.7	36.9	38.6	40.1	40.1	40.6	41.3	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 700 AND LT 800	29.2	38.8	40.1	41.7	41.7	42.5	43.2	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 800 AND LT 900	29.6	39.0	40.2	41.8	41.9	42.6	43.3	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 900 AND LT 1000	29.8	39.3	40.5	42.1	42.1	42.9	43.6	44.4	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8
GE 1000 AND LT 1100	29.7	39.6	41.0	43.6	43.7	44.5	45.2	46.0	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 1100 AND LT 1200	33.7	43.7	45.4	48.2	48.4	49.3	49.9	50.9	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 1200 AND LT 1300	33.7	46.5	48.7	51.2	51.4	52.2	52.9	53.9	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1300 AND LT 1400	33.8	47.2	52.6	55.1	55.5	56.3	57.0	58.1	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1400 AND LT 1500	33.8	50.6	55.2	57.6	58.1	58.9	59.5	60.6	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1500 AND LT 1600	41.5	56.4	59.0	61.6	62.1	63.1	63.7	64.8	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 1600 AND LT 1700	44.4	57.6	60.6	63.3	64.8	65.8	66.7	67.9	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 1700 AND LT 1800	44.4	61.8	65.5	69.6	70.8	71.7	72.8	74.3	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800 AND LT 1900	44.9	63.3	67.1	70.6	72.7	73.6	74.7	76.2	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1900 AND LT 2000	47.2	64.5	68.6	72.7	74.8	75.8	76.9	78.5	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000 AND LT 2100	47.2	67.9	72.3	76.7	79.3	80.5	82.0	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2100 AND LT 2200	47.5	69.1	73.9	78.8	81.5	82.9	84.4	86.1	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2200 AND LT 2300	47.5	71.2	75.1	80.0	82.7	84.2	85.7	87.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2300 AND LT 2400	47.7	72.9	75.4	81.2	84.4	86.2	87.7	89.9	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2400 AND LT 2500	47.6	73.4	76.9	82.6	85.3	87.4	89.0	91.2	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500 AND LT 2600	47.8	73.4	77.5	83.5	87.3	89.4	91.1	93.8	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2600 AND LT 2700	47.9	73.4	77.8	84.3	88.1	90.4	92.2	95.0	95.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 2700 AND LT 2800	47.8	73.4	77.9	84.6	88.8	91.3	93.2	96.3	97.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 2800 AND LT 2900	47.8	73.4	77.9	85.0	89.0	91.9	93.8	97.0	97.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 2900 AND LT 3000	47.8	73.4	77.9	85.0	89.0	91.9	93.8	97.6	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000 AND LT 3100	47.8	73.4	77.9	85.0	89.0	91.9	93.8	97.6	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 3100	47.8	73.4	77.9	85.0	89.0	91.9	93.8	97.6	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 24	GE 20	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	31.9	32.6	32.2	33.5	34.1	34.5	35.0	35.3	35.3	35.3	35.3	35.3	35.4	35.4	
GE [illegible]	34.4	35.5	35.9	36.1	39.8	40.4	40.8	41.7	42.0	42.0	42.0	42.0	42.1	42.3	42.3
GE 1[illegible]	34.4	35.5	35.9	36.1	39.8	40.4	40.8	41.7	42.0	42.0	42.0	42.0	42.1	42.3	42.3
GE 1[illegible]	34.4	35.5	35.9	36.1	39.8	40.4	40.8	41.7	42.0	42.0	42.0	42.0	42.1	42.3	42.3
GE 1[illegible]	34.4	36.1	36.5	38.0	40.4	40.9	41.3	42.3	42.6	42.6	42.5	42.5	42.7	42.8	42.8
GE 1[illegible]	27.2	36.5	37.2	41.7	43.6	44.2	44.4	45.4	45.6	45.6	45.6	45.6	45.8	45.9	45.9
GE 1[illegible]	27.5	38.3	41.8	43.3	45.2	45.9	46.3	47.2	47.5	47.5	47.5	47.5	47.6	47.8	47.8
GE [illegible]	27.5	38.3	41.9	44.5	46.4	47.1	47.6	48.6	48.9	48.9	48.9	48.9	49.0	49.1	49.1
GE [illegible]	27.5	38.3	41.9	44.5	46.4	47.1	47.6	48.6	48.9	48.9	48.9	48.9	49.0	49.1	49.1
GE 7 [illegible]	29.1	40.0	42.9	45.8	47.6	48.3	48.9	49.8	50.1	50.1	50.1	50.1	50.2	50.3	50.3
GE 6 [illegible]	29.1	40.0	43.0	46.1	47.8	49.7	50.3	50.9	52.1	52.4	52.8	52.8	52.8	52.9	53.0	53.0
GE [illegible]	33.7	44.8	48.0	51.0	52.9	53.6	54.4	55.6	55.9	56.5	56.5	56.5	56.5	56.7	56.8	56.8
GE 4[illegible]	33.4	45.0	49.2	52.2	54.1	54.8	55.6	56.8	57.1	57.7	57.7	57.7	57.7	57.9	58.0	58.0
GE 4 [illegible]	34.1	44.3	51.5	54.5	56.4	57.1	57.9	59.1	59.4	60.0	60.0	60.0	60.0	60.2	60.3	60.3
GE 3[illegible]	30.5	43.3	52.6	55.6	57.5	58.5	59.4	60.6	60.9	61.5	61.5	61.5	61.5	61.6	61.8	61.8
GE 1 [illegible]	29.1	41.3	54.9	58.0	60.6	61.4	62.2	63.7	64.1	64.7	64.7	64.7	64.7	64.9	65.0	65.0
GE [illegible]	27.6	53.0	56.7	60.0	62.9	63.7	64.5	65.9	66.4	67.0	67.0	67.0	67.0	67.2	67.3	67.3
GE 2[illegible]	33.2	56.9	61.1	65.5	69.9	69.7	70.5	72.0	72.4	73.1	73.1	73.1	73.1	73.2	73.4	73.4
GE [illegible]	33.7	57.1	62.4	67.7	71.3	72.1	72.9	74.4	74.8	75.5	75.5	75.5	75.5	75.6	75.8	75.8
GE [illegible]	40.5	63.7	68.4	73.7	78.4	79.2	80.0	81.5	81.9	82.6	82.6	82.6	82.6	82.7	82.9	82.9
GE 1[illegible]	40.7	65.0	70.1	75.9	80.3	81.3	82.2	83.7	84.1	84.8	84.8	84.8	84.8	84.9	85.1	85.1
GE 1[illegible]	41.1	66.6	72.4	78.3	82.9	83.8	85.1	86.6	87.2	87.9	87.9	87.9	87.9	88.0	88.2	88.2
GE [illegible]	41.1	67.0	72.8	79.1	83.7	84.7	86.1	87.9	88.3	89.0	89.0	89.0	89.0	89.1	89.2	89.2
GE [illegible]	41.4	67.0	73.4	79.7	84.5	85.5	86.9	89.1	89.5	90.2	90.2	90.2	90.2	90.3	90.4	90.4
GE 7[illegible]	41.9	68.1	74.2	81.0	86.0	87.1	88.6	91.1	91.7	92.3	92.3	92.3	92.3	92.5	92.6	92.6
GE [illegible]	41.9	68.3	75.0	82.2	87.5	88.6	90.3	93.4	93.9	94.6	94.6	94.6	94.6	94.8	94.9	94.9
GE [illegible]	42.7	69.3	75.6	83.3	88.7	89.8	91.9	95.2	95.8	96.5	96.5	96.5	96.5	96.6	96.8	96.8
GE [illegible]	42.7	69.7	76.0	83.8	89.2	90.3	92.1	96.5	97.4	98.1	98.1	98.1	98.1	98.3	98.4	98.4
GE [illegible]	42.7	69.7	76.0	83.8	89.4	90.5	93.4	96.8	98.2	98.8	98.8	98.8	98.8	98.9	99.1	99.1
GE [illegible]	42.7	69.7	76.0	83.8	89.5	91.1	93.7	97.4	98.7	99.5	99.5	99.5	99.6	99.7	99.7	99.7
GE [illegible]	42.7	69.7	76.0	83.8	89.5	91.1	93.8	97.6	98.8	99.6	99.6	99.6	99.7	99.9	100.0	
GE	42.7	69.7	76.0	83.8	89.5	91.1	93.8	97.6	98.8	99.6	99.6	99.6	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 14	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 1/2	GE 0
99 CEIL	23.0	23.7	23.8	23.8	23.9	23.9	24.1	24.2	24.2	24.3	24.3	24.4	24.6	24.6	24.6	24.9
GE [illegible]	25.1	26.3	26.4	27.9	28.9	29.7	30.3	31.1	31.4	31.7	31.8	31.8	31.9	32.1	32.2	32.5
GE [illegible]	25.2	26.1	26.4	28.0	29.0	29.8	30.4	31.2	31.5	31.8	31.9	32.0	32.1	32.3	32.4	32.7
GE [illegible]	25.2	26.1	26.5	28.0	29.1	29.9	30.4	31.3	31.6	31.9	31.9	32.0	32.1	32.3	32.4	32.7
GE 1400	25.6	26.7	27.1	28.7	29.7	30.5	31.1	31.9	32.2	32.6	32.6	32.7	32.8	33.0	33.1	33.4
GE 1[illegible]	26.1	27.6	28.9	30.6	31.7	32.6	33.2	34.0	34.3	34.6	34.7	34.8	34.9	35.1	35.2	35.5
GE 1[illegible]	28.4	29.4	31.1	32.8	33.9	35.0	35.6	36.4	36.7	37.0	37.1	37.2	37.3	37.5	37.6	37.9
GE [illegible]	28.9	30.3	32.0	33.7	35.1	36.2	36.8	37.7	38.0	38.4	38.5	38.5	38.6	38.9	38.9	39.3
GE [illegible]	29.0	30.5	32.3	34.2	35.4	36.5	37.2	38.1	38.4	38.7	38.8	38.9	39.0	39.2	39.3	39.6
GE 700	29.2	30.8	32.7	34.6	35.8	36.9	37.6	38.5	38.8	39.2	39.3	39.3	39.4	39.6	39.7	40.0
GE [illegible]	29.7	31.9	33.8	35.9	37.2	38.4	39.2	40.1	40.4	40.9	41.0	41.0	41.1	41.4	41.5	41.8
GE [illegible]	35.9	36.7	38.8	39.2	40.6	40.8	42.9	44.0	44.4	45.0	45.1	45.2	45.3	45.5	45.6	45.9
GE [illegible]	36.7	37.1	39.2	41.8	43.2	44.0	45.5	46.7	47.1	47.7	47.8	47.9	48.0	48.2	48.3	48.6
GE [illegible]	37.0	37.5	40.1	42.4	43.9	44.8	46.2	47.5	48.0	48.6	48.7	48.8	48.9	49.1	49.2	49.5
GE [illegible]	37.0	37.6	41.2	43.6	44.4	45.4	46.8	48.1	48.6	49.2	49.3	49.4	49.5	49.7	49.8	50.1
GE [illegible]	37.0	37.7	43.6	46.2	46.1	47.2	48.5	49.8	50.3	50.9	51.0	51.1	51.2	51.4	51.5	51.8
GE [illegible]	37.0	37.7	46.5	49.4	52.6	54.5	56.3	57.4	58.7	59.2	59.8	59.9	60.0	60.1	60.4	60.8
GE [illegible]	37.0	37.8	46.6	50.1	53.2	55.1	56.2	61.5	63.4	64.5	66.0	66.4	67.1	67.2	67.3	67.5
GE [illegible]	37.0	37.8	46.7	50.3	53.6	55.6	61.1	63.7	65.6	66.7	68.2	68.7	69.4	69.5	69.6	69.7
GE [illegible]	37.0	37.8	46.7	50.3	53.6	56.1	59.6	64.4	67.3	69.2	70.4	72.0	72.5	73.3	73.4	73.5
GE [illegible]	37.0	37.8	46.7	50.3	53.6	56.2	60.1	64.3	67.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	1	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	39.4	31.6	33.4	36.2	37.3	38.3	38.4	39.0	39.0	39.0	39.1	39.1	39.3	39.4	39.4	39.7
GE 20000	21.4	38.4	41.2	44.4	45.8	46.9	47.2	48.1	48.1	48.1	48.2	48.2	48.3	48.5	48.5	48.7
GE 15000	21.4	38.4	41.2	44.4	45.8	46.9	47.2	48.1	48.1	48.1	48.2	48.2	48.3	48.5	48.5	48.7
GE 10000	21.6	38.4	41.2	44.4	45.8	46.9	47.2	48.1	48.1	48.1	48.2	48.2	48.3	48.5	48.5	48.7
GE 8000	21.7	38.6	41.4	44.6	46.0	47.1	47.4	48.2	48.2	48.2	48.3	48.3	48.5	48.6	48.6	48.9
GE 7000	21.9	39.3	42.2	46.0	47.5	48.6	48.9	49.7	49.7	49.7	49.9	49.9	50.0	50.1	50.1	50.4
GE 6000	22.4	42.3	45.3	49.3	50.8	51.9	52.4	53.2	53.2	53.2	53.3	53.3	53.5	53.6	53.6	53.9
GE 5000	22.7	42.6	45.7	49.9	51.4	52.5	53.1	53.9	53.9	53.9	54.0	54.0	54.2	54.3	54.3	54.6
GE 4000	22.9	42.9	46.0	50.1	51.7	52.8	53.3	54.2	54.2	54.2	54.3	54.3	54.5	54.6	54.6	54.9
GE 3500	23.4	43.7	46.8	51.0	52.8	53.9	54.6	55.4	55.4	55.4	55.6	55.6	55.7	55.8	55.8	56.1
GE 3000	23.8	45.8	48.9	53.2	55.2	56.5	57.5	58.5	58.6	58.6	58.8	58.8	58.9	59.1	59.1	59.3
GE 2500	24.2	48.2	51.7	56.7	58.9	60.3	61.3	62.5	62.8	63.0	63.1	63.1	63.2	63.4	63.4	63.6
GE 2000	24.4	49.3	52.9	58.8	61.4	62.8	63.8	65.2	65.5	65.6	65.7	65.7	65.9	66.0	66.0	66.3
GE 1800	24.5	51.0	54.9	61.3	64.1	65.5	66.6	68.5	68.8	68.9	69.1	69.1	69.2	69.4	69.4	69.6
GE 1600	24.7	51.3	55.7	62.3	65.3	66.4	67.5	69.5	69.8	69.9	70.1	70.1	70.2	70.3	70.3	70.6
GE 1400	25.1	53.6	58.4	65.2	68.1	69.5	70.6	72.6	72.8	73.1	73.3	73.3	73.4	73.5	73.5	73.8
GE 1200	25.7	56.7	60.3	67.3	70.3	71.7	72.8	74.8	75.2	75.5	75.6	75.6	75.8	75.9	75.9	76.2
GE 1000	25.9	58.9	63.9	71.0	74.2	75.6	76.7	78.7	79.1	79.4	79.5	79.5	79.7	79.8	79.8	80.1
GE 900	25.9	59.5	64.8	72.0	75.2	76.7	77.9	79.8	80.2	80.5	80.6	80.6	80.8	80.9	80.9	81.2
GE 800	26.1	61.1	66.3	74.1	77.6	79.2	80.4	82.3	82.7	83.0	83.1	83.1	83.3	83.4	83.4	83.7
GE 700	26.3	63.5	68.8	76.9	80.4	82.0	83.1	85.1	85.5	85.8	85.9	85.9	86.1	86.2	86.2	86.5
GE 600	26.4	64.2	69.6	78.1	81.9	83.7	84.8	86.9	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.3
GE 500	26.7	64.6	70.2	78.7	82.5	84.3	85.4	87.5	87.9	88.2	88.3	88.3	88.4	88.6	88.6	88.9
GE 400	27.7	65.2	71.8	79.4	83.4	85.5	86.8	89.1	89.6	89.8	90.0	90.0	90.1	90.3	90.3	90.5
GE 300	27.7	65.3	72.0	80.1	84.7	86.8	88.0	90.4	90.8	91.1	91.2	91.2	91.4	91.5	91.5	91.8
GE 200	27.7	65.9	72.7	81.5	86.6	88.9	90.3	92.6	93.0	93.3	93.5	93.5	93.6	93.7	93.7	94.0
GE 150	27.7	65.9	72.7	82.5	88.2	90.5	92.1	94.4	94.8	95.1	95.3	95.3	95.4	95.5	95.5	95.8
GE 100	27.7	65.9	72.7	82.7	88.9	91.6	93.9	96.4	96.9	97.2	97.4	97.4	97.5	97.6	97.6	97.9
GE 50	27.7	65.9	72.7	82.7	88.9	91.6	94.2	97.4	97.9	98.2	98.3	98.3	98.5	98.6	98.6	98.9
GE 25	27.7	65.9	72.7	82.7	88.9	91.6	94.3	97.4	97.9	98.2	98.3	98.3	98.5	98.6	98.6	98.9
GE 0	27.7	65.9	72.7	82.7	88.9	91.6	94.3	97.4	98.2	98.5	98.6	98.6	98.7	98.9	98.9	99.2
	27.7	65.9	72.7	82.7	88.9	91.6	94.3	97.4	98.7	98.6	99.0	99.0	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 50	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	32.7	33.6	34.6	36.4	38.3	39.7	40.7	41.8	42.4	42.9	43.9	44.1	44.6	44.6	44.9
GE 20000	34.2	35.6	36.7	38.5	40.4	41.8	42.9	44.0	44.6	45.1	46.1	46.3	46.8	46.8	47.1
GE 15000	34.2	35.6	36.7	38.5	40.4	41.8	42.9	44.0	44.6	45.1	46.1	46.3	46.8	46.8	47.1
GE 10000	34.2	35.6	36.7	38.5	40.4	41.8	42.9	44.0	44.6	45.1	46.1	46.3	46.8	46.8	47.1
GE 7000	34.2	35.9	37.0	38.8	40.7	42.1	43.2	44.3	44.9	45.4	46.4	46.6	47.1	47.1	47.4
GE 5000	34.4	37.5	38.6	40.6	42.7	44.1	45.2	46.4	47.0	47.5	48.5	48.7	49.2	49.2	49.5
GE 3000	37.5	39.8	41.0	43.0	45.2	46.6	47.8	49.0	49.6	50.1	51.1	51.3	51.8	51.8	52.1
GE 2000	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 1500	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 1000	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 700	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 500	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 300	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 200	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 150	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 100	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 70	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 50	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 30	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 20	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 15	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 10	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 7	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 5	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 4	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 3	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 2	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 1	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7
GE 0	38.1	40.4	41.6	43.6	45.8	47.2	48.4	49.6	50.2	50.7	51.7	51.9	52.4	52.4	52.7

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03493 STATION NAME: BELIZE NORTH RAF UK

PERIOD OF RECORD: 78-86
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 100	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	18.1	19.7	22.6	24.9	25.2	25.5	26.0	26.3	26.8	27.0	27.0	27.3	27.8	28.5
GE 25000	24.9	27.6	30.6	34.5	35.5	36.0	36.7	37.3	38.2	38.4	38.4	38.7	39.4	40.2
GE 15000	25.2	28.1	30.9	34.9	35.7	36.3	37.0	37.6	38.5	38.7	38.7	39.7	39.9	40.5
GE 10000	25.2	28.1	30.9	34.9	35.7	36.3	37.0	37.6	38.5	38.7	38.7	38.7	38.9	39.6	40.5
GE 7000	25.7	28.7	31.6	35.7	36.6	37.1	37.8	38.5	39.5	39.6	39.6	39.6	39.9	40.6	41.4
GE 5000	27.1	30.4	34.1	38.7	39.5	40.1	40.9	41.6	42.6	42.7	42.7	42.7	43.0	43.7	44.5
GE 3000	28.5	32.1	35.3	40.3	41.4	42.4	43.4	44.1	45.2	45.3	45.3	45.3	45.6	46.3	47.1
GE 2500	28.7	32.3	35.5	40.5	41.7	42.7	43.8	44.6	45.8	45.9	45.9	45.9	46.2	46.9	47.7
GE 2000	29.2	32.8	36.0	41.2	42.3	43.3	44.4	45.2	46.3	46.5	46.5	46.5	46.7	47.4	48.3
GE 1500	29.2	32.8	36.0	41.2	42.3	43.3	44.4	45.2	46.3	46.5	46.5	46.5	46.7	47.4	48.3
GE 1000	29.9	33.6	36.9	42.1	43.4	44.4	45.8	47.1	48.4	48.5	48.7	48.8	49.1	49.8	50.6
GE 700	31.4	35.3	38.7	44.1	45.5	47.4	49.2	51.9	52.3	52.4	52.6	52.7	53.0	53.7	54.5
GE 500	32.1	36.7	40.5	46.6	48.7	50.5	52.3	54.3	55.5	55.6	55.8	55.9	56.2	56.9	57.7
GE 400	34.8	39.2	42.7	49.1	51.6	53.8	55.6	57.3	58.6	59.3	59.1	59.2	59.5	60.2	61.1
GE 300	35.7	40.3	43.8	50.3	52.9	55.1	56.9	59.6	60.1	60.2	60.4	60.5	60.8	61.5	62.3
GE 200	36.1	41.2	46.3	53.2	55.5	57.7	59.8	61.6	62.1	62.3	63.4	63.6	63.8	64.5	65.4
GE 150	38.2	43.6	48.5	55.2	57.7	59.9	62.0	63.8	65.4	65.6	65.8	65.9	66.2	66.9	67.7
GE 100	39.8	46.1	48.2	56.7	59.4	62.6	64.3	66.5	68.3	69.8	70.1	70.2	70.4	70.7	71.3	72.2
GE 70	40.5	44.4	49.5	58.1	60.9	63.8	66.2	68.6	70.4	71.9	72.3	72.5	72.6	72.9	73.6	74.4
GE 50	41.8	46.2	51.3	60.1	62.9	65.8	68.2	70.7	72.5	74.1	74.7	74.8	75.0	75.2	75.9	76.8
GE 30	42.0	46.5	51.4	60.4	63.8	66.9	70.0	72.3	74.8	76.6	78.4	79.0	79.1	79.3	79.6	80.3	81.1
GE 20	42.6	47.1	52.6	61.6	64.8	68.0	71.1	73.5	76.2	78.0	79.8	81.6	82.2	82.3	82.5	82.8	83.4	84.3
GE 15	43.1	47.7	53.1	62.2	65.4	68.6	71.7	74.5	76.9	78.7	80.5	82.3	83.0	83.6	83.7	83.9	84.1	84.8	85.7
GE 10	43.1	47.7	53.6	62.6	66.3	72.9	76.9	79.4	81.6	83.7	85.8	86.4	86.5	86.6	86.9	87.6	88.5
GE 7	43.4	48.2	54.2	63.2	67.1	74.3	77.6	80.5	83.2	85.2	87.1	87.6	87.8	87.9	88.2	88.9	89.7
GE 5	43.4	48.5	54.5	63.6	67.6	75.4	78.7	81.6	84.4	86.2	88.3	88.9	89.0	89.2	89.4	90.1	91.0
GE 4	43.4	48.5	54.9	63.8	68.3	76.2	79.6	83.0	86.1	87.9	90.0	90.5	90.7	90.8	91.1	91.8	92.6
GE 3	43.4	48.5	55.1	63.8	68.7	76.3	80.5	84.0	87.6	89.7	92.1	92.8	93.0	93.2	93.5	94.2	95.0
GE 2	43.4	48.5	55.1	63.8	68.7	76.9	80.9	84.7	88.2	91.1	93.6	94.4	94.7	94.9	95.1	95.8	96.7
GE 1	43.4	48.5	55.1	63.8	68.7	76.9	80.9	84.7	88.2	91.1	93.6	94.4	94.7	94.9	95.1	95.8	96.7
GE 0	43.4	48.5	55.1	63.8	68.7	76.9	80.9	84.7	88.2	91.1	93.6	94.4	94.7	94.9	95.1	95.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 719

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 0900-1130

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS: GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0
GE 99 CEIL	18.7	19.3	19.9	20.5	21.3	21.8	22.0	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE [illegible]	19.7	29.1	30.1	32.4	34.4	34.9	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE [illegible]	19.7	29.1	30.1	32.4	34.4	34.9	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20	19.8	29.3	30.3	32.5	34.6	35.0	35.4	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 15	20.0	30.4	31.4	33.6	35.7	36.1	36.5	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 12	20.7	31.9	33.1	35.3	37.4	37.8	38.2	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 10	21.4	32.2	34.6	37.4	39.7	40.2	40.6	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 9	21.8	34.4	35.6	38.9	41.3	41.7	42.1	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 8	21.8	34.7	36.1	39.3	41.7	42.1	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 7	21.8	34.7	36.1	39.3	41.7	42.1	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 6	21.8	34.9	37.0	39.5	41.8	44.5	45.0	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7
GE 5	21.8	34.9	37.0	39.5	41.8	44.5	45.0	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7
GE 4	21.8	34.9	41.6	45.6	49.4	50.2	50.8	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 3	21.9	42.5	44.4	46.7	52.4	53.3	53.8	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 2	22.1	43.3	47.1	51.6	55.5	56.3	56.9	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 1	22.1	47.4	49.2	53.7	57.6	58.4	59.0	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 0	22.1	49.4	51.7	56.2	60.1	60.9	61.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE [illegible]	36.4	53.7	55.5	60.0	63.9	64.7	65.3	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE [illegible]	41.7	61.5	63.6	67.2	71.2	72.1	72.7	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 15	44.1	63.7	66.1	70.9	74.9	75.7	76.3	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12	47.7	67.5	70.1	74.4	78.1	79.5	80.5	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10	47.1	71.3	74.6	79.5	84.4	85.2	85.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE [illegible]	48.1	72.5	76.1	81.7	86.7	87.3	88.0	88.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE [illegible]	48.2	73.6	77.4	83.1	87.7	88.6	89.7	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE [illegible]	47.4	74.0	78.8	85.1	89.4	91.1	92.1	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE [illegible]	47.4	74.6	79.9	85.4	90.4	91.6	92.6	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE [illegible]	47.4	74.9	79.2	85.8	91.2	92.3	93.4	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5

USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03493 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 80	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	16.8	16.9	17.5	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 15000	29.2	29.7	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 10000	29.5	29.8	30.1	30.2	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 7000	29.5	29.8	30.1	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.9	30.8	30.8	30.8
GE 5000	30.3	30.6	31.1	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.8	31.8	31.8
GE 3000	32.5	33.1	33.9	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 2000	34.6	35.2	36.1	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 1500	36.6	37.3	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 1000	38.9	37.5	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 700	38.1	38.8	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 500	39.4	40.1	41.0	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 400	47.7	48.7	49.7	50.6	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 300	54.7	54.9	55.9	56.8	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 200	58.4	59.3	60.3	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 150	60.7	62.0	63.0	64.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 100	63.8	65.1	66.2	67.5	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 70	73.2	74.5	75.9	77.2	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 50	79.2	81.3	83.0	84.8	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 30	82.7	84.8	86.6	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 20	84.5	86.4	88.7	90.8	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 15	86.6	89.0	91.3	93.5	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 10	87.7	90.1	92.3	94.9	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 0	88.2	90.6	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 0	88.7	91.1	93.5	96.6	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	89.2	91.4	93.8	97.0	98.0	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	89.2	91.4	93.9	97.3	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	89.2	91.4	93.9	97.3	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	89.2	91.4	93.9	97.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	89.2	91.4	93.9	97.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	89.2	91.4	93.9	97.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NO: [illegible] STATION NAME: PRIEP NORTON RAF UK

PERIOD OF RECORD: 78-85,A7
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
[illegible]	37.2	37.2	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
[illegible]	37.1	37.1	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
[illegible]	37.7	37.7	37.8	37.8	37.9	37.8	37.9	37.8	37.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8
[illegible]	37.8	37.7	37.8	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
[illegible]	39.5	40.4	40.6	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
[illegible]	39.9	43.5	43.8	43.8	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
[illegible]	39.5	43.9	44.1	44.2	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
[illegible]	39.5	44.1	44.6	44.8	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
[illegible]	39.8	44.5	45.1	45.2	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
[illegible]	40.3	48.4	49.	49.2	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
[illegible]	41.7	57.7	59.7	59.4	59.9	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
[illegible]	47.1	63.7	65.0	66.0	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
[illegible]	50.8	70.4	71.8	72.9	73.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	51.4	72.5	73.9	75.0	75.6	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
[illegible]	51.8	73.7	77.3	78.5	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
[illegible]	52.5	77.4	81.2	82.6	83.5	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
[illegible]	53.6	84.2	86.5	88.3	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	54.4	85.1	87.4	89.4	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
[illegible]	54.7	86.1	89.4	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
[illegible]	54.8	86.3	90.1	92.7	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	57.1	89.6	97.2	98.0	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	57.1	89.1	97.4	98.0	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	57.2	89.4	97.7	98.7	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	57.2	89.4	97.7	98.7	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	57.2	89.4	97.7	98.7	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	57.2	89.4	97.7	98.8	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03693 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 50	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 2	GE 0
NO CEIL	41.9	27.2	27.6	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	42.7	41.3	42.0	42.9	43.0	43.0	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
GE 15000	42.0	41.3	42.0	42.9	43.0	43.0	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
GE 10000	42.2	41.5	42.2	43.0	43.1	43.1	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6
GE 7000	44.2	43.3	44.0	44.8	45.1	45.1	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
GE 5000	46.9	46.2	47.2	48.1	48.4	48.4	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8
GE 3500	49.4	49.4	50.3	51.5	51.7	51.9	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3
GE 3000	49.7	50.1	51.2	52.6	53.1	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 2500	49.7	50.1	51.2	52.6	53.1	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 2000	49.7	50.1	51.5	52.8	53.4	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0
GE 1500	49.7	50.2	52.6	54.5	56.3	56.9	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
GE 1000	57.8	58.4	60.6	62.8	63.4	63.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 700	58.9	59.4	65.7	68.1	69.3	69.5	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9
GE 500	64.7	67.5	69.9	72.7	73.9	74.1	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5
GE 300	65.4	69.2	71.6	74.3	75.6	75.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 200	71.6	72.7	75.2	77.9	79.9	80.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 150	74.1	75.9	78.4	81.1	83.2	83.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 100	77.1	78.4	80.9	84.0	86.5	86.6	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 70	77.5	79.3	81.8	85.2	87.9	88.2	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 50	78.4	81.0	83.7	87.0	89.9	90.2	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 30	79.7	82.7	85.9	89.6	92.6	92.9	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 20	87.7	87.8	87.8	90.6	94.2	94.5	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 15	87.7	87.9	87.2	91.3	94.7	95.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 10	87.4	88.9	88.3	92.5	96.3	96.5	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 7	87.4	88.6	88.5	92.6	96.4	96.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 5	87.4	88.9	88.6	92.6	96.7	96.9	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 4	87.4	88.2	88.6	92.9	96.8	97.1	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 3	87.4	88.2	88.6	92.9	96.8	97.2	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 2	87.4	88.2	88.6	92.9	96.8	97.4	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 1	87.4	88.2	88.6	92.9	96.8	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	87.4	88.2	88.6	92.9	96.8	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	87.4	88.2	88.6	92.9	96.8	97.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037690 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	01	GE 100	GE 80	GE 60	GE 40	GE 30	GE 20	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.4	37.4	39.4	41.2	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000	31.2	45.4	47.8	50.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	31.3	45.7	48.1	50.5	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	31.3	45.7	48.1	50.5	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	31.7	46.4	48.8	51.2	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	32.1	47.5	49.9	52.3	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	34.1	50.2	53.2	55.7	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	34.6	50.8	53.7	56.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	34.8	50.9	53.9	56.8	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	35.2	51.3	54.3	57.5	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	36.7	53.6	56.8	60.4	62.3	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	38.0	56.2	62.8	66.3	68.6	69.3	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	38.8	59.6	63.5	68.4	71.0	71.4	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	40.7	61.2	65.2	70.4	73.4	73.9	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	41.5	63.1	66.5	71.7	74.8	75.3	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	42.5	64.4	69.0	74.6	77.7	78.3	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	43.0	66.3	71.2	77.3	80.6	81.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2200	44.3	69.0	74.1	81.5	84.8	84.7	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	45.4	72.7	75.7	82.3	85.8	86.5	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	45.6	73.1	76.3	82.9	86.5	87.2	87.9	88.5	88.5	88.5	88.5	88.5	89.5	88.5	88.5	88.5
GE 1600	46.3	73.7	79.1	84.7	88.5	89.2	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1400	46.3	73.6	79.1	85.7	89.6	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	46.6	74.6	80.1	86.7	91.0	91.6	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	46.7	75.0	80.5	87.2	91.9	92.6	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	46.7	75.3	80.9	88.1	92.7	93.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	46.7	75.5	81.1	88.2	93.4	94.5	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	46.7	75.9	81.5	88.9	94.1	95.2	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	46.7	75.9	81.6	89.1	94.4	95.5	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	46.7	75.9	81.8	89.2	94.5	95.8	97.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 450	46.7	75.9	81.8	89.2	94.5	95.8	97.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	46.7	75.9	81.8	89.2	94.8	96.8	97.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	46.7	75.9	81.8	89.2	94.8	96.8	97.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 100	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
50 CEIL	27.7	34.1	35.1	36.6	37.6	38.6	38.3	38.6	38.7	38.8	38.9	38.9	38.9	39.0	39.1	39.2
[illegible]	27.7	34.3	35.5	37.5	39.0	39.6	39.9	40.3	40.5	40.7	40.7	40.8	40.8	40.9	41.0	41.2
[illegible]	27.8	34.1	35.6	37.6	39.2	39.7	40.1	40.4	40.6	40.8	40.9	40.9	40.9	41.0	41.1	41.3
[illegible]	27.8	34.2	35.7	37.7	39.2	39.8	40.1	40.5	40.6	40.9	40.9	40.9	41.0	41.1	41.2	41.3
[illegible]	28.0	34.9	36.4	38.4	40.0	40.6	40.9	41.3	41.5	41.7	41.8	41.6	41.8	41.9	42.0	42.2
[illegible]	28.6	36.6	38.4	40.5	42.3	42.8	43.1	43.5	43.7	44.0	44.0	44.0	44.0	44.2	44.2	44.4
1 [illegible]	29.1	38.9	40.8	43.2	45.1	45.7	46.1	46.5	46.7	47.0	47.0	47.0	47.0	47.2	47.2	47.4
[illegible]	29.4	39.5	41.5	44.1	46.0	46.6	47.1	47.5	47.7	48.0	48.0	48.0	48.0	48.2	48.2	48.4
[illegible]	29.6	39.8	41.9	44.4	46.4	47.0	47.4	47.9	48.1	48.3	48.4	48.4	48.4	48.5	48.6	48.8
2 [illegible]	29.8	40.1	42.2	44.8	46.8	47.5	47.9	48.4	48.6	48.8	48.9	48.9	48.9	49.0	49.1	49.3
[illegible]	30.6	42.3	44.6	47.3	49.5	50.3	50.9	51.5	51.8	52.1	52.1	52.2	52.2	52.3	52.4	52.6
[illegible]	31.6	47.3	49.6	52.8	55.4	56.3	57.1	57.9	58.3	58.6	58.6	58.7	58.7	58.8	58.9	59.1
[illegible]	32.6	50.0	52.6	56.3	59.1	60.2	61.0	62.0	62.3	62.7	62.7	62.8	62.9	62.9	63.0	63.2
[illegible]	33.6	53.1	56.0	59.8	62.7	64.0	64.9	65.9	66.3	66.6	66.7	66.7	66.7	66.9	67.0	67.1
[illegible]	34.6	54.6	57.6	61.4	64.5	65.7	66.6	67.6	68.0	68.4	68.4	68.4	68.5	68.6	68.7	68.9
[illegible]	39.6	67.3	69.5	64.4	67.7	68.8	69.8	70.9	71.3	71.7	71.7	71.7	71.8	71.9	72.0	72.2
[illegible]	40.4	70.7	64.1	68.3	71.6	72.8	73.8	74.8	75.3	75.6	75.7	75.7	75.8	75.9	76.0	76.2
[illegible]	41.1	64.6	68.5	73.0	76.6	77.8	78.9	80.0	80.4	80.8	80.9	80.9	81.0	81.1	81.2	81.4
[illegible]	44.2	66.6	70.4	75.0	78.7	80.0	81.1	82.2	82.7	83.0	83.1	83.2	83.2	83.3	83.4	83.6
[illegible]	45.2	68.2	72.1	77.0	80.8	82.1	83.2	84.4	84.8	85.2	85.3	85.4	85.4	85.5	85.6	85.8
[illegible]	45.7	70.7	74.9	80.1	84.0	85.5	86.6	87.8	88.2	88.6	88.7	88.8	88.8	88.9	89.0	89.2
[illegible]	46.0	71.9	76.3	81.7	85.8	87.2	88.3	89.6	90.0	90.5	90.6	90.6	90.6	90.8	90.9	91.1
[illegible]	46.1	72.5	77.1	82.6	86.7	88.2	89.3	90.5	91.0	91.4	91.5	91.6	91.6	91.7	91.8	92.0
[illegible]	46.2	73.1	77.9	83.5	88.0	89.6	90.7	92.0	92.5	93.0	93.1	93.1	93.2	93.3	93.4	93.6
[illegible]	46.2	73.4	78.2	84.1	88.7	90.3	91.6	93.0	93.4	93.9	94.0	94.1	94.1	94.2	94.3	94.5
[illegible]	46.2	73.6	78.6	84.6	89.6	91.3	92.7	94.2	94.7	95.2	95.4	95.4	95.4	95.6	95.7	95.8
[illegible]	46.2	73.8	78.8	85.0	90.1	92.0	93.5	95.2	95.7	96.2	96.3	96.4	96.4	96.5	96.6	96.8
[illegible]	46.2	73.8	78.9	85.2	90.5	92.5	94.3	96.1	96.7	97.3	97.5	97.5	97.6	97.7	97.8	98.0
[illegible]	46.2	73.9	79.1	85.3	90.5	92.7	94.6	96.8	97.4	98.1	98.3	98.3	98.4	98.5	98.6	98.8
[illegible]	46.2	73.9	79.1	85.3	90.5	92.7	94.7	97.1	97.8	98.5	98.7	98.8	98.8	99.0	99.1	99.2
[illegible]	46.2	73.9	79.1	85.3	90.5	92.7	94.7	97.1	97.9	98.6	98.8	98.9	98.9	99.0	99.2	99.5
[illegible]	46.2	73.9	79.1	85.3	90.5	92.7	94.7	97.1	97.9	98.7	98.9	99.0	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 5731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	M1	GE 9C	GE 8C	GE 6C	GE 4R	GE 4C	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.1	29.1	30.4	34.4	36.7	39.2	39.3	40.1	40.6	40.8	40.8	40.8	40.9	40.9	40.9	41.0
GE 2 [illegible]	19.0	34.1	36.3	40.8	43.5	45.3	46.6	47.6	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.6
GE 1[illegible]	19.0	34.1	36.3	40.9	43.6	45.5	46.7	47.6	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.7
GE 10[illegible]	19.0	34.1	36.3	40.9	43.6	45.5	46.7	47.8	48.3	48.4	48.4	48.4	48.6	48.6	49.6	48.7
GE 14[illegible]	19.2	34.4	36.6	41.2	43.9	45.7	47.0	48.0	48.6	48.7	48.7	48.7	48.9	48.9	48.9	49.0
GE 2[illegible]	19.6	35.0	37.1	41.6	44.5	46.4	47.6	48.7	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.7
GE 3[illegible]	20.4	36.4	38.7	43.5	46.3	48.2	49.4	50.5	51.2	51.1	51.1	51.1	51.3	51.3	51.3	51.4
GE 4[illegible]	20.4	37.0	39.3	44.2	47.0	49.0	50.2	51.3	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.2
GE 5[illegible]	20.5	37.1	39.4	44.1	47.1	49.1	50.3	51.4	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.4
GE 7[illegible]	21.1	38.2	40.8	45.6	48.6	50.6	51.8	52.9	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.8
GE 8[illegible]	20.4	41.8	43.3	49.0	52.1	54.5	55.7	56.8	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.8
GE 9[illegible]	24.7	44.5	47.4	53.7	57.6	61.3	61.7	63.2	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.1
GE 4[illegible]	25.8	46.7	49.7	56.1	60.1	62.6	64.2	65.7	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.7
GE 4[illegible]	27.7	47.6	50.9	57.8	61.7	64.4	65.9	67.3	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.3
GE 5[illegible]	27.7	49.0	52.4	59.5	63.4	66.1	67.6	69.2	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2
GE 5[illegible]	27.8	50.1	53.4	61.3	65.3	68.2	69.6	71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3
GE 7[illegible]	28.3	51.1	54.9	62.9	67.1	70.0	71.8	73.7	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.6
GE 8[illegible]	28.4	53.3	57.6	66.6	71.1	74.1	76.0	77.9	78.4	78.5	78.5	78.5	78.7	78.7	78.7	78.8
GE 9[illegible]	28.8	53.8	58.4	67.7	72.2	75.3	77.2	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0
GE 1[illegible]	29.0	54.5	59.2	69.0	73.7	76.8	78.8	81.0	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.9
GE 1[illegible]	31.7	56.8	61.7	72.3	77.2	80.4	82.5	84.6	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.7
GE 1[illegible]	31.9	58.2	63.3	74.4	79.6	83.1	85.2	87.7	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.9
GE [illegible]	31.9	58.7	64.0	75.2	80.4	83.9	86.0	88.7	89.2	89.6	89.6	89.6	89.7	89.7	89.7	89.9
GE 5[illegible]	31.7	59.6	65.2	76.5	81.9	85.4	87.6	90.4	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.6
GE 7[illegible]	31.7	59.9	65.5	76.8	82.3	85.8	88.0	91.1	91.6	92.0	92.0	92.0	92.2	92.2	92.2	92.3
GE 8[illegible]	31.7	60.1	65.7	77.1	83.0	86.8	89.3	92.4	93.0	93.4	93.4	93.4	93.5	93.5	93.5	93.7
GE 9[illegible]	31.7	60.1	65.9	77.7	84.1	87.9	90.6	93.7	94.2	94.7	94.7	94.7	94.9	94.9	94.9	95.0
GE [illegible]	31.7	60.2	66.3	78.3	84.8	88.8	91.8	94.9	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.4
GE [illegible]	31.7	60.2	66.3	78.3	84.8	89.2	92.4	96.0	96.8	97.4	97.4	97.4	97.6	97.6	97.6	97.7
GE [illegible]	31.7	60.2	66.3	78.3	84.8	89.2	92.4	96.6	97.8	98.5	98.5	98.5	98.7	98.7	98.7	98.8
GE 10[illegible]	31.7	60.2	66.3	78.3	84.8	89.2	92.4	96.6	97.8	98.7	98.7	98.7	98.8	98.9	98.9	99.2
GE [illegible]	31.7	60.2	66.3	78.3	84.8	89.2	92.4	96.6	97.8	98.7	98.7	98.7	99.1	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	CIG 10000	VISIBILITY IN HUNDREDS OF METERS GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	6.9	16.6	17.9	20.6	23.4	24.6	25.7	28.0	29.1	29.9	30.0	30.0	30.1	30.3	30.6	31.2
GE 20000	9.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.0	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE 18000	9.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.0	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE 16000	9.4	22.3	24.1	28.9	32.0	33.8	35.0	37.6	39.0	39.8	40.2	40.2	40.5	40.6	40.9	41.6
GE 14000	9.4	22.3	24.4	29.2	32.4	34.2	35.4	38.0	39.4	40.2	40.6	40.6	40.9	41.0	41.3	42.0
GE 12000	10.2	23.8	25.8	30.7	34.1	36.1	37.4	40.0	41.5	42.3	42.7	42.7	42.9	43.1	43.3	44.0
GE 11000	10.6	25.2	27.3	32.3	35.7	37.6	39.4	42.0	43.5	44.3	44.7	44.7	45.0	45.1	45.4	46.0
GE 10000	11.0	25.7	27.9	33.1	36.6	38.5	40.4	42.9	44.4	45.2	45.6	45.6	45.9	46.0	46.3	47.0
GE 9000	11.2	26.1	28.3	33.5	37.2	39.3	40.8	43.3	44.8	45.6	46.0	46.0	46.3	46.4	46.7	47.5
GE 8000	11.3	26.5	28.8	34.5	38.2	40.2	41.7	44.3	45.8	46.6	47.0	47.0	47.2	47.4	47.6	48.5
GE 7000	12.0	27.5	29.7	35.4	39.2	41.5	43.1	45.6	47.2	48.0	48.5	48.5	48.7	48.9	49.1	49.9
GE 6000	13.7	30.3	32.6	38.4	42.9	46.6	47.8	50.6	52.4	53.2	53.7	53.7	54.0	54.5	54.8	55.6
GE 5000	14.4	32.6	34.6	40.6	45.4	48.5	50.2	53.2	54.9	56.0	56.5	56.5	56.8	57.3	57.6	58.5
GE 4500	14.6	33.1	35.7	41.9	47.0	50.2	52.0	55.0	56.9	58.0	58.5	58.5	58.8	59.4	59.6	60.6
GE 4000	15.1	33.6	36.1	42.7	48.3	51.5	53.3	56.4	58.4	59.5	60.0	60.0	60.3	60.8	61.1	62.0
GE 3500	16.2	35.3	37.8	44.7	50.3	53.6	55.6	58.7	60.7	61.8	62.3	62.3	62.6	63.1	63.4	64.3
GE 3000	17.1	36.9	39.4	46.7	52.4	55.9	57.7	61.2	63.3	64.3	64.9	64.9	65.1	65.7	65.9	66.9
GE 2500	17.8	38.3	42.7	50.1	55.9	59.5	61.4	65.3	67.4	68.5	69.0	69.0	69.3	69.9	70.1	71.1
GE 2000	18.0	41.6	43.3	51.0	56.9	60.7	62.6	66.5	68.6	69.9	70.4	70.4	70.7	71.2	71.5	72.4
GE 1800	18.6	41.5	44.4	52.5	58.4	62.3	64.2	68.4	70.7	71.7	72.3	72.3	72.5	73.1	73.4	74.3
GE 1500	19.1	42.8	46.3	54.8	61.0	65.1	67.3	71.7	74.0	75.1	75.6	75.6	75.9	76.4	76.7	77.7
GE 1200	19.9	44.3	48.3	57.0	63.9	68.8	71.1	75.6	77.9	79.0	79.5	79.5	79.8	80.3	80.6	81.6
GE 1000	19.9	44.7	48.5	58.3	64.6	69.6	71.9	76.9	79.1	80.2	80.8	80.8	81.0	81.6	81.8	82.8
GE 900	19.9	45.0	49.7	59.2	65.8	71.3	73.9	78.9	81.2	82.2	82.8	82.8	83.0	83.6	83.8	84.8
GE 800	20.1	45.4	50.3	60.6	66.8	72.6	75.5	80.6	82.9	84.0	84.5	84.5	84.8	85.3	85.6	86.5
GE 700	20.2	45.9	50.9	60.8	67.6	74.2	77.3	82.6	85.2	86.4	86.9	86.9	87.2	87.8	88.0	89.0
GE 600	20.1	46.0	51.0	61.8	68.1	74.6	78.2	84.0	86.5	87.8	88.3	88.3	88.6	89.1	89.5	90.4
GE 500	20.1	46.0	51.1	61.1	68.8	75.6	79.7	85.7	88.6	90.1	90.6	90.6	90.8	91.4	91.8	92.7
GE 400	20.1	46.0	51.1	61.5	69.2	76.2	79.6	86.7	89.9	91.4	91.9	91.9	92.2	92.7	93.1	94.2
GE 300	20.1	46.0	51.1	61.5	69.2	76.4	80.1	87.6	91.4	93.8	94.5	94.5	94.8	95.3	95.7	96.8
GE 200	20.1	46.0	51.1	61.5	69.2	76.4	80.1	87.8	91.5	94.5	95.3	95.4	95.7	96.2	96.6	97.8
GE 100	20.1	46.0	51.1	61.5	69.2	76.4	80.1	87.8	91.5	94.5	95.4	95.6	95.8	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 8	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40	GE 48	GE 60	GE 80
NO CEIL	9.7	17.4	18.4	20.5	21.7	22.7	23.5	24.4	24.7	25.2	25.3	25.7	25.7	25.9	26.0	26.1
GE 20000	13.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.8	36.1	36.5	36.5	36.6	36.7	36.9
GE 15000	13.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.8	36.1	36.5	36.5	36.6	36.7	36.9
GE 10000	13.4	24.5	25.5	29.2	30.8	32.7	33.6	34.7	35.3	35.8	36.1	36.5	36.5	36.6	36.7	36.9
GE 7000	14.3	24.8	25.9	29.6	31.2	33.1	34.0	35.1	35.7	36.2	36.5	36.9	36.9	37.0	37.1	37.3
GE 5000	13.9	25.6	26.7	30.7	32.6	34.5	35.4	36.5	37.0	37.5	37.8	38.2	38.2	38.3	38.5	38.6
GE 3000	15.1	26.3	29.5	33.9	36.1	38.2	39.4	40.5	41.0	41.6	41.9	42.2	42.2	42.4	42.5	42.6
GE 2000	17.5	29.1	32.4	35.1	37.4	39.5	40.8	41.8	42.4	42.9	43.2	43.6	43.6	43.7	43.8	44.0
GE 1500	18.5	29.6	31.6	35.7	37.9	40.1	41.3	42.4	42.9	43.4	43.7	44.1	44.1	44.2	44.4	44.5
GE 1000	19.1	30.0	31.4	36.1	38.3	40.5	41.7	42.8	43.3	43.8	44.1	44.5	44.5	44.6	44.8	44.9
GE 700	19.8	31.2	32.7	37.4	39.7	42.2	43.4	44.6	45.2	45.8	46.1	46.5	46.5	46.6	46.8	46.9
GE 500	17.8	33.2	35.1	40.3	44.0	47.2	48.4	50.1	51.1	51.6	52.0	52.4	52.5	52.8	52.9	53.1
GE 400	18.4	34.6	36.7	42.2	45.8	49.3	50.5	52.3	53.2	53.8	54.2	54.6	54.7	55.0	55.1	55.2
GE 300	19.8	35.4	37.5	43.3	46.9	50.7	52.0	53.9	55.1	55.6	56.0	56.4	56.6	56.8	57.0	57.1
GE 200	21.7	36.1	38.2	44.5	48.3	52.2	53.4	55.2	56.4	57.0	57.4	57.8	57.9	58.2	58.3	58.4
GE 150	22.7	38.3	40.9	47.3	51.1	54.8	56.2	58.0	59.4	59.9	60.3	60.7	60.9	61.1	61.3	61.4
GE 100	23.0	39.6	42.5	48.9	52.7	56.7	58.0	59.9	61.3	61.8	62.2	62.6	62.7	63.0	63.1	63.3
GE 70	23.1	40.1	42.9	49.4	53.3	57.3	58.6	60.5	61.8	62.4	62.8	63.2	63.3	63.6	63.7	63.9
GE 50	23.5	42.4	45.4	52.0	56.4	60.6	62.1	64.3	65.7	66.2	66.6	67.0	67.2	67.4	67.6	67.7
GE 30	23.5	43.4	46.6	53.4	57.9	62.2	63.7	66.1	67.4	68.0	68.4	68.8	68.9	69.2	69.3	69.4
GE 20	23.8	44.6	48.3	55.2	59.8	64.1	65.5	68.1	69.4	70.0	70.4	70.8	70.9	71.2	71.3	71.4
GE 10	24.7	47.9	52.0	59.5	64.2	68.5	70.0	72.5	73.9	74.4	74.8	75.2	75.3	75.6	75.7	75.9
GE 7	25.5	49.3	53.3	61.5	66.9	71.3	72.8	75.6	76.9	77.5	77.9	78.3	78.4	78.7	78.8	79.0
GE 5	25.6	50.1	54.4	62.7	68.4	73.1	74.5	77.3	78.7	79.2	79.6	80.0	80.2	80.4	80.6	80.7
GE 4	25.6	50.7	55.6	63.8	70.0	75.0	77.1	80.0	81.4	81.9	82.3	82.7	82.8	83.1	83.2	83.4
GE 3	26.1	51.6	56.6	65.0	72.0	77.0	79.2	82.1	83.1	83.6	84.0	84.5	84.6	85.1	85.3	85.4
GE 2	26.3	51.7	57.5	66.1	73.2	78.6	80.6	83.9	85.5	86.3	86.7	87.1	87.3	87.8	87.9	88.1
GE 1	26.7	51.7	57.5	66.2	73.7	79.4	81.8	85.5	87.3	88.1	88.5	88.9	89.0	89.5	89.7	89.8
GE 0	26.7	51.9	57.6	66.6	74.7	80.6	82.2	86.2	88.1	89.3	91.5	91.7	92.1	92.2	92.8	92.9	93.0
	26.7	51.9	57.8	66.8	74.8	81.2	82.6	86.6	88.5	91.4	92.4	93.3	93.7	93.8	94.4	94.5	94.6
	26.7	51.9	57.8	66.8	74.9	81.2	82.6	86.6	88.5	91.4	92.4	93.2	94.6	95.2	95.7	95.8	96.5	96.6	96.8
	26.7	51.9	57.8	66.8	74.9	81.2	82.6	86.6	88.5	91.4	92.4	93.3	93.4	95.2	95.7	96.6	97.1	98.0	98.1	98.4
	26.7	51.9	57.8	66.8	74.9	81.2	82.6	86.6	88.5	91.4	92.4	93.3	93.4	95.2	95.9	96.8	97.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03949 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALL	GE 20	GE 12	GE 8	GE 4.8	GE 4.0	GE 3.2	GE 2.4	GE 2.0	GE 1.6	GE 1.2	GE 1.0	GE 0.8	GE 0.5	GE 0.4	GE 0
NO CEIL	17.0	19.3	20.5	21.3	22.0	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 22000	31.7	29.1	30.5	32.0	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	31.7	29.1	30.5	32.0	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 16000	31.7	29.1	30.5	32.0	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 14000	31.8	29.1	30.6	32.1	32.9	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	32.0	29.5	32.0	34.0	34.7	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 10000	35.7	34.0	35.6	37.7	38.6	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 9000	36.1	34.5	36.3	38.3	39.4	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 8000	36.1	34.5	36.3	38.3	39.4	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 7000	36.1	34.5	36.3	38.3	39.4	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 6000	36.2	34.6	36.8	38.9	39.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 5000	37.5	36.2	38.1	40.4	41.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 4500	41.5	40.5	42.6	46.0	47.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 4000	48.3	48.0	49.3	48.7	50.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 3500	49.1	48.5	47.8	51.1	52.8	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 3000	51.8	48.6	49.0	52.6	54.7	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2500	52.4	48.7	51.1	54.8	56.4	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 2200	57.4	53.4	56.1	59.8	61.5	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 2000	63.2	61.0	63.7	67.5	69.5	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1800	65.6	62.9	65.7	69.5	71.5	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1600	66.7	64.2	67.3	71.3	73.6	76.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1400	67.1	64.5	67.8	71.8	74.4	79.5	82.6	83.8	84.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	67.5	64.8	68.1	72.3	76.6	82.6	86.8	86.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	67.8	65.1	68.4	73.1	77.7	83.8	88.1	89.6	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 300	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 200	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 100	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 0	67.9	65.2	68.5	73.2	77.9	84.0	88.3	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 80	GE 50	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	18.3	18.9	19.4	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE [illegible]	29.6	30.5	31.2	31.5	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 1[illegible]	30.1	30.9	31.6	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 1[illegible]	30.1	30.9	31.6	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 1[illegible]	30.6	31.5	32.3	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 1[illegible]	31.9	32.6	33.4	33.5	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 1[illegible]	34.9	35.8	36.8	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 9[illegible]	35.9	36.8	37.4	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8[illegible]	35.9	36.8	37.4	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 7[illegible]	35.8	36.8	37.4	37.7	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 6[illegible]	37.6	39.1	40.4	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 5[illegible]	44.6	46.3	48.0	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 4[illegible]	50.5	52.4	54.5	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 3[illegible]	54.2	56.4	57.3	59.8	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 2[illegible]	57.8	58.1	60.0	62.6	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 1[illegible]	62.6	62.6	64.5	67.0	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2[illegible]	70.7	72.7	72.9	75.7	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1[illegible]	74.7	75.2	77.5	80.9	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1[illegible]	76.7	76.7	79.1	82.6	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1[illegible]	77.9	79.9	82.6	86.4	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1[illegible]	81.4	81.7	84.7	89.1	90.8	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1[illegible]	82.4	82.5	85.6	90.4	92.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE [illegible]	82.5	85.6	90.6	92.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE [illegible]	82.6	85.9	91.2	93.4	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 7[illegible]	82.6	86.2	91.5	93.9	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE [illegible]	82.6	86.3	91.7	94.7	96.1	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE [illegible]	82.6	86.4	91.9	94.8	96.2	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE [illegible]	82.6	86.4	92.0	95.2	96.3	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE [illegible]	82.6	86.4	92.0	95.1	96.5	98.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE [illegible]	82.6	86.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	82.6	86.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	82.6	86.4	92.0	95.1	96.5	98.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 50	GE 50	GE 40	GE 30	GE 24	GE 20	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	22.6	22.6	22.7	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 25000	33.0	33.5	33.6	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 18000	33.2	33.8	33.9	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 12000	33.2	33.9	34.1	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 10000	34.2	34.9	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7
GE 7000	35.8	36.1	36.2	36.6	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	37.0
GE 5000	41.5	41.1	41.2	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0
GE 4000	42.7	42.2	42.3	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2
GE 3000	42.7	42.6	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.6
GE 2500	42.7	42.6	42.7	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.6
GE 2000	47.1	47.3	47.7	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.8
GE 1800	47.4	57.3	58.2	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.3
GE 1600	48.5	65.1	66.4	67.7	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.8
GE 1400	49.7	66.5	68.9	71.2	72.2	72.3	72.7	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7
GE 1200	50.6	71.1	72.6	73.9	74.9	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4
GE 1000	50.1	74.9	76.4	78.0	79.2	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
GE 900	53.7	78.6	80.3	81.9	83.1	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6
GE 800	54.5	80.3	84.3	86.2	87.7	87.8	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.5
GE 700	54.4	83.5	85.7	88.3	89.7	89.9	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5
GE 600	54.4	84.7	87.0	89.5	91.5	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4
GE 500	54.7	86.1	88.8	91.5	94.2	95.1	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 400	55.4	86.5	89.5	92.2	94.9	95.9	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9
GE 300	55.4	86.8	89.7	92.4	95.2	96.4	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.3
GE 250	55.4	87.2	90.1	93.0	96.2	97.3	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5
GE 200	55.4	87.6	90.1	93.0	96.2	97.3	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6
GE 150	55.4	87.6	90.3	93.1	96.6	97.7	98.6	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6
GE 120	55.4	87.6	90.3	93.1	96.6	97.7	98.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
GE 100	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 80	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 60	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 50	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 40	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 30	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 25	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 20	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 15	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 10	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 5	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 4	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 3	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 2	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 1	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	55.4	87.6	90.3	93.1	96.6	97.8	99.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03644C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	LT 1C	GE 9C	GE 8C	GE 6C	GE 48	GE 4C	GE 32	GE 24	GE 2C	GE 16	GE 12	GE 1C	GE 8	GE 5	GE 4	GE 0
NO CEIL	27.2	27.2	27.6	28.2	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 30000	32.6	43.5	43.9	44.4	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 25000	32.9	43.8	44.2	44.7	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	32.9	43.8	44.2	44.7	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 15000	33.7	44.7	45.1	45.7	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 10000	34.9	46.5	46.9	47.6	48.2	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	35.6	50.4	51.5	52.3	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	36.4	52.0	52.6	53.4	54.1	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 7000	36.4	52.3	52.8	53.6	54.5	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 6000	37.5	53.1	53.7	54.6	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 5000	41.9	56.8	57.5	58.5	59.2	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	46.7	64.2	65.3	66.5	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	48.7	66.3	69.4	70.6	71.4	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	49.7	70.1	71.3	72.6	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	51.5	72.2	73.7	75.2	76.2	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	57.7	75.5	77.2	79.4	80.5	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	59.4	78.6	80.2	82.5	83.7	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	60.2	80.4	82.7	85.4	87.0	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1600	60.6	81.3	83.6	86.4	88.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1400	60.9	82.4	84.7	87.7	89.8	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	62.7	83.9	86.9	90.1	92.3	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	63.0	84.6	87.5	91.3	93.9	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	63.2	84.7	87.7	91.5	94.0	95.2	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	63.2	85.1	88.1	91.9	94.4	95.6	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	63.4	85.2	88.2	92.0	94.6	96.1	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	63.4	85.4	88.5	92.4	95.2	96.6	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	63.4	85.4	88.6	92.5	95.4	96.9	97.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 450	63.4	85.4	88.6	92.5	95.4	97.3	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	63.4	85.4	88.6	92.5	95.4	97.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	63.4	85.4	88.6	92.5	95.4	97.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.4	85.4	88.6	92.5	95.4	97.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	63.4	85.4	88.6	92.5	95.4	97.3	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 026490 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 60	GE 40	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	33.7	33.7	34.8	37.5	38.8	39.5	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2
GE 25000	37.0	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
GE 15000	37.0	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
GE 10000	37.0	41.6	44.5	47.3	48.8	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
GE 9000	37.0	41.9	44.7	47.6	49.1	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
GE 8000	37.2	42.3	46.0	49.1	50.5	51.3	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
GE 7000	39.6	46.4	49.2	52.6	54.0	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
GE 6000	40.1	46.1	49.9	53.2	54.7	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
GE 5000	40.1	46.1	50.2	53.5	55.0	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5
GE 4000	40.7	47.2	51.1	54.6	56.1	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 3500	40.1	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 3000	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 2500	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 2000	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 1800	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 1600	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 1400	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 1200	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 1000	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 900	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 800	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 700	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 600	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 500	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 400	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 300	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 200	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 100	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 0	39.8	47.0	51.0	54.5	56.0	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 10	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	27.1	22.9	23.9	25.6	26.7	27.3	27.8	28.3	28.6	28.7	28.9	28.8	28.9	28.9	28.9	29.1
GE 25000	31.2	32.3	33.6	36.0	37.5	38.2	38.7	39.3	39.6	39.8	39.9	40.0	40.0	40.0	40.1	40.2
GE 20000	31.4	32.4	33.7	36.1	37.4	38.3	38.8	39.4	39.8	39.9	40.0	40.1	40.1	40.2	40.2	40.4
GE 15000	31.4	32.4	33.7	36.1	37.4	38.3	38.8	39.5	39.8	40.0	40.0	40.1	40.1	40.2	40.2	40.4
GE 14000	31.5	32.9	34.2	36.6	37.9	38.6	39.3	40.0	40.3	40.5	40.6	40.6	40.7	40.7	40.8	40.9
GE 13000	32.4	33.9	35.4	38.0	39.4	40.3	40.8	41.4	41.9	42.0	42.1	42.1	42.2	42.2	42.2	42.4
GE 12000	34.4	37.0	38.6	41.3	42.8	43.8	44.4	45.0	45.3	45.5	45.6	45.7	45.7	45.7	45.8	46.0
GE 11000	34.5	37.6	39.4	42.2	43.7	44.8	45.3	46.0	46.3	46.5	46.6	46.6	46.7	46.7	46.8	46.9
GE 10000	34.9	38.0	39.6	42.4	44.0	45.1	45.6	46.3	46.6	46.8	46.9	46.9	47.0	47.0	47.1	47.2
GE 9000	35.5	38.5	40.2	43.1	44.7	45.8	46.3	47.0	47.3	47.5	47.6	47.6	47.7	47.7	47.8	47.9
GE 8000	36.6	40.9	42.7	45.9	47.5	48.7	49.3	49.9	50.2	50.5	50.6	50.6	50.7	50.7	50.7	50.9
GE 7000	42.0	46.2	48.3	52.0	54.1	55.5	56.1	56.9	57.3	57.5	57.7	57.7	57.8	57.9	57.9	58.1
GE 6000	43.8	49.5	51.9	55.6	57.9	59.4	60.1	60.9	61.3	61.5	61.6	61.7	61.8	61.9	61.9	62.1
GE 5000	47.8	51.6	54.1	58.2	60.5	62.1	62.8	63.7	64.2	64.4	64.5	64.6	64.6	64.7	64.8	65.0
GE 4500	48.7	53.2	55.8	60.2	62.6	64.1	64.8	65.7	66.2	66.4	66.6	66.6	66.7	66.8	66.8	67.0
GE 4000	50.6	55.9	58.6	63.3	65.7	67.4	68.1	69.1	69.6	69.8	69.9	70.0	70.0	70.1	70.2	70.4
GE 3500	54.7	59.1	62.0	67.0	69.6	71.3	72.1	73.1	73.6	73.8	74.0	74.0	74.1	74.2	74.2	74.4
GE 3000	57.0	62.6	65.7	71.1	74.0	75.8	76.7	77.8	78.3	78.6	78.7	78.7	78.8	78.9	79.0	79.1
GE 2500	61.4	67.0	70.9	76.4	79.4	81.3	82.2	83.4	83.9	84.1	84.2	84.3	84.3	84.4	84.5	84.7
GE 2000	64.2	70.3	74.6	80.7	83.9	85.9	86.7	87.9	88.4	88.6	88.8	88.8	88.9	89.0	89.1	89.2
GE 1800	65.2	71.4	75.8	82.0	85.2	87.3	88.1	89.3	89.8	90.0	90.2	90.2	90.3	90.4	90.5	90.6
GE 1600	66.2	72.5	77.0	83.3	86.6	88.7	89.6	90.8	91.3	91.5	91.7	91.8	91.9	92.0	92.1	92.2
GE 1400	67.6	74.0	78.6	85.1	88.5	90.7	91.6	92.8	93.3	93.5	93.7	93.8	93.9	94.0	94.1	94.2
GE 1200	68.7	75.3	80.1	86.8	90.2	92.4	93.3	94.5	95.0	95.2	95.4	95.5	95.6	95.7	95.8	95.9
GE 1000	69.7	76.4	81.3	88.1	91.6	93.8	94.7	95.9	96.4	96.6	96.8	96.9	97.0	97.1	97.2	97.3
GE 900	70.1	76.8	81.7	88.5	92.0	94.2	95.1	96.3	96.8	97.0	97.2	97.3	97.4	97.5	97.6	97.7
GE 800	70.4	77.2	82.2	89.1	92.6	94.8	95.7	96.9	97.4	97.6	97.8	97.9	98.0	98.1	98.2	98.3
GE 700	70.8	77.6	82.6	89.5	93.1	95.3	96.2	97.4	97.9	98.1	98.3	98.4	98.5	98.6	98.7	98.8
GE 600	71.1	78.0	83.0	90.0	93.6	95.8	96.7	97.9	98.4	98.6	98.8	98.9	99.0	99.1	99.2	99.3
GE 500	71.3	78.2	83.3	90.3	93.9	96.1	97.0	98.2	98.7	98.9	99.1	99.2	99.3	99.4	99.5	99.6
GE 400	71.4	78.3	83.4	90.4	94.0	96.2	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.6	99.7
GE 300	71.4	78.3	83.4	90.4	94.0	96.2	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.6	99.7
GE 200	71.4	78.3	83.4	90.4	94.0	96.2	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.6	99.7
GE 100	71.4	78.3	83.4	90.4	94.0	96.2	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.6	99.7
GE 0	71.4	78.3	83.4	90.4	94.0	96.2	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 5928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036450 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 80	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.1	26.8	29.7	34.1	37.0	37.7	39.4	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE [illegible]	31.4	31.4	35.6	40.1	43.3	44.3	45.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE [illegible]	31.4	31.9	36.1	40.5	43.8	44.8	45.6	47.0	47.0	47.0	47.0	47.2	47.0	47.0	47.0	47.0
GE 2000	31.4	31.9	36.0	40.5	43.8	44.8	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 1500	31.4	31.9	36.0	40.5	43.8	44.8	45.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 1000	32.7	33.0	37.1	41.6	45.0	46.0	47.0	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE [illegible]	37.1	37.5	41.6	46.3	49.7	50.8	51.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 700	37.6	38.4	42.5	47.6	51.1	52.3	53.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 600	38.1	38.8	42.9	48.2	51.7	52.8	54.0	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 500	39.6	39.9	44.1	49.3	53.0	54.1	55.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 400	45.7	46.1	47.3	53.0	56.7	57.9	59.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 300	45.9	46.3	50.6	56.7	60.9	62.2	63.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 250	47.0	47.4	52.8	58.8	63.2	64.4	65.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 200	48.4	49.3	54.2	60.5	65.0	66.3	67.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 150	51.1	51.7	55.9	62.6	67.6	68.8	70.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 100	54.6	55.0	58.5	65.3	70.5	72.0	73.1	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 90	55.0	55.6	59.5	66.3	71.5	72.9	74.1	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 80	55.1	55.6	61.4	66.7	74.1	75.6	76.9	79.5	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9
GE 70	56.0	56.5	62.5	69.4	74.8	76.3	77.6	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
GE 60	57.7	57.2	63.2	70.3	75.6	77.3	78.6	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9
GE 50	58.1	59.5	65.7	73.1	78.8	80.5	81.7	84.6	84.9	84.8	85.0	85.0	85.0	85.0	85.0	85.0
GE 40	62.7	63.8	67.1	74.6	80.6	82.3	83.6	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 30	63.1	63.8	69.2	76.6	82.6	84.4	85.7	88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 25	63.1	63.6	69.5	77.6	83.7	85.6	87.1	90.1	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 20	63.2	63.3	70.5	79.0	85.4	87.4	89.0	91.9	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 15	63.2	63.7	71.4	80.3	87.0	89.2	90.9	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 10	63.2	63.9	71.5	80.6	87.4	89.6	91.6	94.9	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 7	63.2	64.0	71.7	81.0	88.1	90.6	92.8	96.7	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 5	63.2	64.0	71.8	81.4	88.7	91.4	93.5	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 4	63.2	64.0	71.8	81.4	88.7	91.4	93.5	97.9	98.6	98.7	98.9	99.0	99.2	99.2	99.2	99.2
GE 2	63.2	64.0	71.8	81.6	88.8	91.5	93.6	98.2	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0
GE 1	63.2	64.0	71.9	81.6	88.8	91.5	93.6	98.2	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 16	GE 20	GE 24	GE 32	GE 40	GE 48	GE 80
NO CEIL	9.7	12.6	15.3	17.6	19.7	21.9	22.6	24.0	24.4	25.3	25.7	25.7	26.1	26.4	26.5	26.8
GE 100	11.4	13.6	21.8	25.7	28.2	30.8	31.6	33.6	34.3	35.3	35.7	35.7	36.1	36.4	36.5	36.9
GE 200	11.5	14.0	21.9	25.8	28.4	30.9	31.7	33.1	34.4	35.4	35.8	35.8	36.2	36.5	36.7	37.1
GE 300	11.5	14.0	21.9	25.8	28.4	30.9	31.7	33.1	34.4	35.4	35.8	35.8	36.2	36.5	36.7	37.1
GE 500	11.7	14.1	22.1	26.0	28.5	31.0	31.9	33.3	34.6	35.5	36.0	36.0	36.4	36.7	36.8	37.2
GE 1000	12.2	15.5	23.7	27.9	30.8	33.6	34.6	36.0	37.2	38.2	38.6	38.8	39.2	39.5	39.6	40.0
GE 1500	13.6	17.3	27.1	32.0	35.0	37.8	38.8	40.4	41.7	42.7	43.1	43.3	43.7	44.0	44.1	44.5
GE 2000	14.7	24.6	27.9	33.1	36.2	39.2	40.2	42.0	43.3	44.2	44.7	44.8	45.2	45.5	45.6	46.1
GE 2500	14.7	24.6	27.9	33.1	36.2	39.2	40.2	42.0	43.3	44.2	44.7	44.8	45.2	45.5	45.6	46.1
GE 3000	14.8	25.1	29.5	33.7	36.8	39.9	41.0	42.6	44.1	45.1	45.5	45.6	46.1	46.3	46.5	46.9
GE 4000	15.1	27.4	30.8	36.1	39.2	42.3	43.4	45.2	46.5	47.5	47.9	48.0	48.5	48.7	48.9	49.3
GE 5000	19.2	31.0	35.2	41.2	44.4	47.9	49.0	51.1	52.5	53.5	53.9	54.1	54.5	54.8	54.9	55.3
GE 6000	20.1	33.1	37.5	44.1	47.9	51.6	52.1	54.2	55.8	56.7	57.2	57.3	57.7	58.0	58.1	58.6
GE 8000	21.8	34.7	39.2	45.9	50.7	53.4	54.5	56.7	58.3	59.3	59.7	59.8	60.3	60.5	60.7	61.1
GE 10000	22.6	35.6	40.2	46.2	50.6	53.7	54.8	57.0	58.6	59.6	60.0	60.1	60.5	60.8	61.0	61.4
GE 15000	23.2	36.3	41.1	48.1	52.6	55.7	56.8	61.4	62.9	63.9	64.3	64.5	64.9	65.2	65.3	65.7
GE 20000	24.2	40.2	44.6	52.1	56.6	60.0	61.2	63.6	65.3	66.3	66.7	66.9	67.3	67.6	67.7	68.1
GE 25000	24.6	41.2	45.7	53.2	57.8	61.2	62.4	64.9	66.7	67.8	68.2	68.4	68.8	69.1	69.2	69.6
GE 30000	24.7	41.5	46.0	53.5	58.2	61.7	62.9	65.4	67.2	68.3	68.7	68.9	69.3	69.6	69.7	70.1
GE 35000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 40000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 45000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 50000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 55000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 60000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 65000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 70000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 75000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 80000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 85000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 90000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 95000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	70.2
GE 100000	24.8	41.6	46.1	53.6	58.3	61.8	63.0	65.5	67.3	68.4	68.8	69.0	69.4	69.7	69.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	[illegible]	14.6	16.2	17.9	20.4	21.0	22.1	23.4	24.1	24.3	24.4	24.5	24.5	24.5	24.5	24.8
GE [illegible]	[illegible]	23.7	25.4	27.7	30.2	30.6	32.5	34.3	35.0	35.2	35.3	35.5	35.5	35.5	35.5	35.7
GE 15[illegible]	16.0	24.1	25.8	28.1	30.6	31.2	32.9	34.8	35.5	35.6	35.7	35.9	35.9	35.9	35.9	36.2
GE 14[illegible]	16.0	24.4	26.1	28.4	30.9	31.5	33.2	35.0	35.7	35.9	36.0	36.2	36.2	36.2	36.2	36.5
GE 13[illegible]	16.2	24.7	26.4	28.7	31.2	31.8	33.6	35.7	36.6	36.7	36.9	37.0	37.0	37.0	37.0	37.3
GE 12[illegible]	17.2	26.5	28.2	30.9	33.6	34.2	36.0	38.2	39.0	39.1	39.3	39.4	39.4	39.4	39.4	39.7
GE 11[illegible]	19.4	30.2	32.1	34.6	37.6	38.3	40.1	42.3	43.1	43.2	43.4	43.5	43.5	43.5	43.5	43.8
GE 9[illegible]	19.7	31.8	33.8	36.6	39.4	40.1	42.3	44.5	45.4	45.7	45.8	46.0	46.0	46.0	46.0	46.2
GE 8 [illegible]	19.7	32.1	33.9	36.7	39.6	40.3	42.6	44.8	45.6	46.1	46.2	46.4	46.4	46.4	46.4	46.7
GE 7 [illegible]	19.9	32.1	34.2	37.0	40.0	40.7	43.0	45.2	46.2	46.5	46.7	46.8	46.8	46.8	46.8	47.1
GE 6[illegible]	20.2	33.5	35.6	38.6	41.6	42.3	44.5	46.8	47.8	48.1	48.2	48.4	48.4	48.4	48.4	48.7
GE [illegible]	34.3	37.7	39.9	43.1	46.2	47.0	49.2	51.6	52.8	53.2	53.3	53.5	53.5	53.5	53.5	53.8
GE 4[illegible]	40.0	43.9	46.3	49.3	52.1	52.8	55.0	57.5	58.6	59.0	59.2	59.3	59.3	59.3	59.3	59.6
GE 3[illegible]	42.4	46.1	48.6	51.6	54.6	55.4	57.9	60.4	61.5	61.9	62.0	62.1	62.1	62.1	62.1	62.4
GE 2[illegible]	43.7	47.6	50.2	53.2	56.2	57.0	59.5	62.0	63.1	63.5	63.6	63.7	63.7	63.7	63.7	64.0
GE 1[illegible]	44.3	48.5	51.4	54.6	57.8	58.6	61.3	63.7	64.8	65.2	65.4	65.5	65.5	65.5	65.5	65.8
GE [illegible]	44.4	48.9	51.8	54.9	58.1	58.9	61.6	64.1	65.3	65.7	65.9	66.0	66.0	66.0	66.0	66.3
GE [illegible]	44.7	49.1	52.0	55.2	58.4	59.2	61.9	64.4	65.6	66.0	66.2	66.3	66.3	66.3	66.3	66.6
GE [illegible]	45.0	49.4	52.3	55.5	58.7	59.5	62.2	64.7	65.9	66.3	66.5	66.6	66.6	66.6	66.6	66.9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 726497 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALT	GE 80	GE 40	GE 20	GE 12	GE 8	GE 4	GE 2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 0
NO CEIL	76.7	14.9	16.3	18.6	19.8	18.6	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 25000	19.1	22.9	24.3	25.9	27.2	27.2	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000	19.4	24.1	24.5	26.2	27.5	27.5	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 18000	19.5	23.3	24.7	26.4	27.6	27.6	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 14000	17.1	24.2	25.6	27.5	28.9	28.8	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 12000	19.9	26.6	27.9	29.9	31.1	31.1	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 10000	20.6	30.7	32.4	34.5	35.9	36.2	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 9000	21.9	31.4	33.1	35.2	36.6	36.8	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	21.9	31.6	33.2	35.3	36.7	36.7	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 7000	21.9	31.6	33.2	35.5	36.9	36.9	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 6000	22.7	32.9	35.0	38.0	39.7	39.7	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 5000	26.9	43.6	41.9	44.0	45.9	46.6	46.9	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 4500	30.5	44.5	46.3	48.5	50.4	51.5	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4000	36.5	48.9	51.1	53.3	56.1	56.3	55.8	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500	37.6	50.1	52.2	54.6	56.4	56.5	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3000	39.7	52.5	54.6	56.9	58.8	59.6	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2500	47.4	60.9	63.1	65.6	67.5	67.6	68.2	68.7	69.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2200	49.5	70.4	72.8	75.6	77.4	77.6	78.3	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	54.5	74.1	76.7	79.5	81.6	81.8	82.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	61.2	78.7	81.5	84.4	86.7	86.8	87.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	71.7	86.5	89.6	92.0	93.2	93.5	93.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1400	73.4	91.5	94.6	98.1	99.7	91.2	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1300	76.1	91.9	95.0	98.6	91.3	91.6	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	77.1	92.2	95.4	98.8	99.6	99.1	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1100	77.1	92.6	96.1	99.9	99.7	94.1	95.4	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	78.1	92.7	96.3	99.2	99.8	99.8	96.1	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	82.1	93.0	96.5	99.7	99.5	98.2	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	83.1	93.0	96.5	99.7	99.0	98.2	97.5	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	83.1	93.0	96.5	99.7	99.1	98.4	97.9	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	83.1	93.0	96.5	99.7	99.1	98.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.1	93.0	96.5	99.7	99.1	98.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.1	93.0	96.5	99.7	99.1	98.4	97.9	98.9	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	TOT	VISIBILITY IN HUNDREDS OF METERS														
		GE 50	GE 50	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	16.7	16.2	16.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.7	16.7	16.7
[illegible]	27.8	26.6	27.5	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.0
[illegible]	28.1	27.6	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1
[illegible]	28.1	27.5	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1
[illegible]	29.2	28.0	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.2	29.2
[illegible]	32.3	30.4	31.2	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3
[illegible]	37.0	34.9	35.9	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0
[illegible]	38.1	36.6	37.0	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1
[illegible]	39.0	36.9	37.9	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.0	39.0	39.0
[illegible]	39.8	38.1	38.6	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8
[illegible]	44.6	42.1	43.2	44.1	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6
[illegible]	55.8	52.3	54.0	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
[illegible]	63.7	61.1	62.2	63.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7
[illegible]	69.5	65.2	66.4	67.2	66.6	66.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5
[illegible]	73.7	69.2	69.6	71.5	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
[illegible]	77.7	73.4	73.4	75.3	76.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7
[illegible]	84.9	80.2	82.1	83.6	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9
[illegible]	91.1	85.9	87.9	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
[illegible]	92.4	87.7	89.1	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4
[illegible]	94.8	89.5	91.8	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
[illegible]	96.6	90.3	92.2	94.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
[illegible]	97.2	90.8	92.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
[illegible]	98.0	91.1	93.2	96.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
[illegible]	98.4	91.4	93.5	96.3	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
[illegible]	98.9	91.6	93.6	96.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
[illegible]	99.2	91.7	93.8	96.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
[illegible]	99.7	91.9	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
[illegible]	99.9	91.8	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9
[illegible]	100.0	91.8	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0
[illegible]	100.0	91.8	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0
[illegible]	100.0	91.8	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0
[illegible]	100.0	91.8	94.1	96.9	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FIFTH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALL	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.9	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE [illegible]	27.7	32.3	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE [illegible]	27.6	32.2	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE [illegible]	27.5	32.3	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE [illegible]	27.2	32.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE [illegible]	36.4	36.3	36.8	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE [illegible]	37.9	40.5	41.4	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE [illegible]	38.1	42.5	43.1	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE [illegible]	37.6	43.2	43.8	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE [illegible]	38.4	44.4	44.9	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE [illegible]	41.1	49.4	50.2	50.6	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE [illegible]	63.4	64.1	64.8	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE [illegible]	69.9	72.0	72.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE [illegible]	74.2	77.0	77.7	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE [illegible]	80.9	79.2	79.7	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE [illegible]	84.3	82.5	83.2	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE [illegible]	87.1	85.6	86.3	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE [illegible]	91.5	88.6	89.4	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE [illegible]	92.7	89.2	89.9	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE [illegible]	94.4	89.6	90.7	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE [illegible]	95.8	91.7	93.5	95.2	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE [illegible]	96.5	92.0	93.1	95.9	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE [illegible]	96.8	92.3	93.5	96.3	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE [illegible]	97.0	92.6	94.2	97.2	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE [illegible]	97.2	93.0	94.5	97.3	98.3	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE [illegible]	97.4	93.1	94.6	97.5	98.5	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE [illegible]	97.6	93.1	94.6	97.5	98.5	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE [illegible]	97.8	93.1	94.6	97.5	98.5	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	97.8	93.1	94.6	97.5	98.5	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	97.8	93.1	94.6	97.5	98.5	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	97.8	93.1	94.6	97.5	98.5	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	97.8	93.1	94.6	97.5	98.5	98.8	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03693 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	TOT	VISIBILITY IN HUNDREDS OF METERS GE 90	GE 60	GE 50	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE [illegible]	[illegible]	39.5	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 15000	39.2	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	39.2	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 10000	40.6	41.0	41.3	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 9000	43.3	43.8	43.9	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000	51.0	51.6	51.6	52.1	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	52.7	53.3	53.6	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 6000	53.3	53.8	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 5000	53.7	54.4	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4500	58.1	58.8	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE [illegible]	69.2	70.1	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE [illegible]	75.1	75.9	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE [illegible]	76.1	76.9	80.1	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE [illegible]	79.2	80.2	81.3	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE [illegible]	82.1	83.0	84.3	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE [illegible]	84.2	85.2	86.6	87.2	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE [illegible]	85.5	87.0	88.6	89.2	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE [illegible]	86.5	88.0	89.2	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	86.7	88.2	89.9	90.7	90.9	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 0	86.9	88.3	90.0	91.7	92.0	93.0	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE [illegible]	94.9	96.7	97.7	97.7	97.9	94.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE [illegible]	89.0	89.3	91.3	93.3	94.6	94.9	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE [illegible]	89.1	89.7	91.7	93.9	95.3	95.6	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE [illegible]	89.2	90.2	92.3	94.6	96.2	96.6	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE [illegible]	89.2	90.3	92.6	95.0	96.6	97.3	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	89.2	90.5	92.7	95.3	97.0	97.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 78498 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 10	GE 9	GE 8	GE 6	GE 4F	GE 4D	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	26.6	28.4	29.5	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	
GE 20000	38.4	40.2	41.5	42.8	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	
GE 15000	38.4	40.3	41.5	42.8	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	
GE 10000	38.4	40.3	41.5	42.8	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	
GE 7000	38.5	40.5	41.6	42.9	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	
GE 5000	39.4	40.6	42.8	43.9	45.2	45.6	45.6	45.7	45.7	45.7	45.7	45.9	45.9	45.9	45.9	
GE 3000	44.2	46.4	48.6	50.1	51.7	52.1	52.3	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	
GE 2500	44.9	47.9	50.1	51.6	53.4	54.0	54.1	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	
GE 2000	44.9	47.9	50.3	52.1	53.7	54.3	54.4	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	
GE 1500	45.7	48.6	51.0	53.0	55.1	55.7	55.8	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	
GE 1000	47.9	52.1	54.5	57.0	59.1	59.7	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	
GE 700	48.3	59.1	62.1	64.9	67.0	67.9	68.0	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	
GE 500	48.2	63.4	66.3	69.3	71.4	72.3	72.9	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	
GE 400	48.9	65.6	69.0	72.3	74.6	75.4	76.0	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	
GE 300	49.4	67.8	71.3	74.7	77.0	77.8	78.4	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	
GE 200	50.4	70.3	73.9	77.6	80.1	81.1	81.7	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	
GE 150	51.2	71.9	75.9	79.7	82.4	83.4	84.1	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	
GE 100	51.5	74.0	78.4	82.7	85.5	86.6	87.4	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	
GE 70	52.7	74.4	79.0	83.2	86.1	87.2	87.9	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	
GE 50	53.0	75.7	80.4	84.6	87.6	88.9	89.6	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	
GE 30	53.5	76.6	81.3	85.7	88.6	89.9	90.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	
GE 20	56.1	77.3	82.1	86.6	89.9	91.2	91.9	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	
GE 15	56.5	78.4	83.2	87.6	91.1	92.3	93.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	
GE 10	56.7	79.3	84.5	89.6	92.9	94.3	95.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	
GE 7	56.7	79.7	85.1	90.5	93.9	95.3	96.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	
GE 5	56.7	79.7	85.2	90.6	94.3	95.9	96.7	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	
GE 4	56.7	79.7	85.2	90.6	94.3	95.9	96.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	
GE 3	56.7	79.7	85.4	90.8	94.5	96.2	97.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	
GE 2	56.7	79.7	85.4	90.8	94.5	96.2	97.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	
GE 1	56.7	79.7	85.4	90.8	94.5	96.2	97.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	
GE 0	56.7	79.7	85.4	90.8	94.5	96.2	97.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1/2	GE 1/2	GE 1	GE 2	GE 4	GE 8	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40	GE 48	GE 60	GE 80	GE 90
NO CEIL	24.7	19.4	22.9	22.3	23.5	24.6	24.3	24.8	24.9	25.0	25.1	25.1	25.2	25.2	25.2	25.3
GE 20000	25.0	29.1	30.8	32.7	34.0	34.6	35.0	35.7	35.9	36.0	36.1	36.1	36.2	36.3	36.3	36.4
GE 15000	25.1	29.3	31.0	32.8	34.2	34.8	35.2	35.6	36.1	36.2	36.3	36.3	36.4	36.4	36.5	36.6
GE 10000	25.1	29.4	31.1	32.9	34.3	34.8	35.3	35.9	36.1	36.3	36.4	36.4	36.4	36.5	36.5	36.6
GE 7000	25.4	30.1	31.8	33.7	35.1	35.6	36.1	36.7	37.0	37.2	37.2	37.2	37.3	37.4	37.4	37.5
GE 5000	26.1	32.1	33.9	36.0	37.5	38.1	38.6	39.3	39.5	39.7	39.8	39.8	39.9	39.9	39.9	40.0
GE 3000	27.7	36.9	38.8	41.1	42.6	43.3	43.8	44.6	44.9	45.0	45.1	45.1	45.2	45.2	45.3	45.4
GE 2500	28.0	38.1	40.1	42.5	44.0	44.6	45.4	46.2	46.4	46.6	46.7	46.7	46.8	46.8	46.9	46.9
GE 2000	28.2	38.5	40.4	42.9	44.5	45.2	45.8	46.6	46.9	47.1	47.1	47.2	47.2	47.3	47.3	47.4
GE 1500	28.7	39.1	41.1	43.6	45.3	46.2	46.7	47.5	47.8	47.9	48.0	48.0	48.1	48.1	48.2	48.3
GE 1000	31.2	42.4	44.6	47.1	48.9	49.6	50.3	51.1	51.4	51.5	51.6	51.6	51.7	51.8	51.8	51.9
GE 700	37.5	49.9	52.3	55.2	57.2	58.0	58.6	59.5	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.4
GE 600	40.2	54.6	57.1	60.2	62.2	63.0	63.7	64.6	65.0	65.2	65.2	65.3	65.3	65.4	65.4	65.5
GE 500	42.6	57.7	60.4	63.6	65.8	66.6	67.3	68.3	68.7	68.9	68.9	69.0	69.0	69.1	69.1	69.2
GE 400	44.1	59.4	62.1	65.5	67.7	68.5	69.2	70.2	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.1
GE 300	47.6	63.2	65.8	68.5	70.8	71.6	72.4	73.5	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.4
GE 250	49.5	65.5	68.4	71.2	73.4	74.3	76.1	77.2	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.2
GE 200	50.0	69.1	72.2	76.2	78.7	79.6	80.5	81.6	82.0	82.2	82.3	82.3	82.4	82.5	82.5	82.6
GE 150	51.9	70.3	73.5	77.5	80.0	80.9	81.8	83.1	83.5	83.6	83.7	83.8	83.8	83.9	83.9	84.0
GE 100	57.9	77.2	79.8	83.7	86.3	87.3	88.2	89.5	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.5
GE 70	59.9	79.2	82.0	86.1	88.9	90.0	90.9	92.3	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2
GE 60	60.5	79.9	82.8	86.8	89.6	90.7	91.6	93.0	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0
GE 50	61.2	80.6	83.5	87.5	90.3	91.4	92.3	93.7	94.2	94.3	94.4	94.5	94.5	94.6	94.7	94.8
GE 40	61.7	81.3	84.2	88.2	91.0	92.1	93.0	94.4	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.4
GE 30	62.7	82.6	85.5	89.5	92.4	93.5	94.4	95.8	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.8
GE 25	63.2	83.2	86.2	90.2	93.1	94.2	95.1	96.5	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.5
GE 20	63.7	83.8	86.8	90.8	93.8	94.9	95.8	97.2	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.2
GE 15	64.1	84.3	87.3	91.3	94.3	95.4	96.3	97.7	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.7
GE 10	64.5	84.8	87.8	91.8	94.8	95.9	96.8	98.2	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.2
GE 7	64.7	85.1	88.1	92.1	95.1	96.2	97.1	98.5	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.5
GE 5	64.8	85.2	88.2	92.2	95.2	96.3	97.2	98.6	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6
GE 4	64.9	85.3	88.3	92.3	95.3	96.4	97.3	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7
GE 2	65.1	85.5	88.5	92.5	95.5	96.6	97.5	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE 0	65.2	85.7	88.7	92.7	95.7	96.8	97.7	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5466

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS														
		LT 90	GE 90	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	37.2	29.5	32.9	36.2	38.9	41.2	42.3	44.0	44.2	44.2	44.5	44.5	44.5	44.5	44.7
GE 15000	37.2	34.3	38.8	42.4	46.0	48.5	49.7	51.7	52.0	52.0	52.3	52.3	52.3	52.3	52.4
GE 12000	37.2	34.3	38.8	42.4	46.0	48.5	49.7	51.7	52.0	52.0	52.3	52.3	52.3	52.3	52.4
GE 10000	37.4	34.4	39.0	42.6	46.2	48.7	49.8	51.9	52.1	52.1	52.4	52.4	52.4	52.4	52.6
GE 9000	37.4	34.5	39.1	42.7	46.3	48.8	49.9	52.0	52.3	52.3	52.6	52.6	52.6	52.6	52.7
GE 8000	37.6	34.7	39.3	42.9	46.4	48.9	50.0	52.1	52.4	52.4	52.7	52.7	52.7	52.7	52.8
GE 7000	37.7	34.8	39.4	43.0	46.5	49.0	50.1	52.2	52.5	52.5	52.8	52.8	52.8	52.8	52.9
GE 6000	37.7	34.8	39.4	43.0	46.5	49.0	50.1	52.2	52.5	52.5	52.8	52.8	52.8	52.8	52.9
GE 5000	37.7	34.8	39.4	43.0	46.5	49.0	50.1	52.2	52.5	52.5	52.8	52.8	52.8	52.8	52.9
GE 4500	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 4000	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 3500	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 3000	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 2500	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 2000	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 1800	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 1600	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 1400	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 1200	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 1000	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 900	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 800	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 700	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 600	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 500	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 400	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 300	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 200	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 100	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0
GE 0	37.8	34.9	39.5	43.1	46.6	49.1	50.2	52.3	52.6	52.6	52.9	52.9	52.9	52.9	53.0

TOTAL NUMBER OF OBSERVATIONS: 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 07[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: JUL HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 20	GE 16	GE 12	GE 8	GE 4	GE 2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 0
NO CEIL	7.7	14.4	16.0	20.4	22.4	23.9	25.1	28.0	29.9	31.0	31.7	31.7	31.7	32.2	32.4	32.4
GE [illegible]	.9	16.7	21.0	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2
GE [illegible]	.9	16.7	20.6	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2
GE [illegible]	.9	16.7	21.6	25.9	28.5	30.6	31.8	35.9	38.0	39.5	40.5	40.5	40.5	41.0	41.2	41.2
GE 1400	.9	17.3	21.4	26.7	29.4	31.4	32.8	36.9	39.0	40.5	41.4	41.4	41.4	42.0	42.1	42.1
GE 1200	.9	21.8	23.9	29.4	32.0	34.4	35.8	40.1	42.4	43.9	44.9	44.9	44.9	45.4	45.5	45.5
GE [illegible]	11.1	24.1	27.2	33.3	36.4	39.1	40.5	44.9	47.6	49.1	50.6	50.6	50.6	51.2	51.3	51.3
GE 900	13.1	25.1	28.4	34.7	37.7	40.5	41.8	46.2	49.0	50.5	52.0	52.0	52.0	52.5	52.7	52.7
GE 800	13.1	25.1	28.4	34.8	37.9	40.7	42.1	46.5	49.7	51.2	52.7	52.7	52.7	53.2	53.4	53.4
GE 700	13.2	25.5	28.6	35.3	38.7	41.2	42.5	47.1	50.3	51.9	53.4	53.4	53.4	53.9	54.0	54.0
GE 600	14.0	27.6	31.1	37.9	41.9	43.6	45.4	50.1	53.4	54.9	56.4	56.4	56.4	56.9	57.1	57.1
GE [illegible]	16.4	31.6	35.7	42.8	46.4	48.2	51.0	55.6	59.3	60.9	62.4	62.4	62.4	63.0	63.1	63.1
GE 400	17.6	33.6	37.7	44.9	48.7	50.7	53.6	58.4	61.9	63.5	65.0	65.0	65.2	65.7	65.8	65.8
GE 300	18.8	35.6	39.1	46.2	50.1	52.1	55.0	60.1	63.6	65.2	66.7	66.7	66.8	67.4	67.5	67.5
GE 250	19.2	36.9	41.1	47.2	51.0	54.0	56.0	61.0	64.5	66.1	67.6	67.6	67.8	68.3	68.4	68.4
GE 200	19.4	37.7	42.1	49.7	53.5	56.5	58.4	63.5	66.9	68.6	70.1	70.1	70.2	70.8	70.9	70.9
GE [illegible]	20.2	43.3	48.7	54.7	58.5	59.5	61.6	66.7	70.2	72.0	73.5	73.5	73.7	74.2	74.3	74.3
GE [illegible]	21.0	42.5	46.9	55.4	59.3	62.4	64.6	69.7	73.3	75.2	76.5	76.5	76.7	77.2	77.4	77.4
GE 150	20.1	43.9	48.3	57.1	61.0	64.2	66.4	71.5	75.0	76.8	78.3	78.3	78.5	79.0	79.1	79.1
GE 100	21.9	46.2	50.8	59.7	63.8	66.9	69.1	74.2	77.8	79.6	81.1	81.1	81.2	81.8	81.9	81.9
GE 50	22.5	49.6	53.2	62.7	66.9	70.1	72.3	77.4	80.9	82.7	84.2	84.2	84.4	84.9	85.0	85.0
GE [illegible]	23.7	49.9	55.0	64.6	69.0	72.4	74.6	79.7	83.3	85.0	86.6	86.6	86.7	87.2	87.4	87.4
GE [illegible]	23.8	50.0	56.1	65.7	70.2	73.7	75.9	81.1	84.6	86.4	87.9	87.9	88.1	88.6	88.8	88.8
GE [illegible]	23.8	51.3	56.9	66.9	71.5	74.9	77.1	82.3	85.9	87.7	89.2	89.2	89.3	89.8	90.0	90.0
GE [illegible]	23.9	52.1	58.1	68.4	73.1	76.4	78.6	83.8	87.4	89.2	90.7	90.7	90.8	91.4	91.5	91.5
GE [illegible]	23.9	52.4	59.4	68.9	73.4	77.1	79.3	84.6	88.3	90.1	91.6	91.6	91.8	92.3	92.5	92.5
GE [illegible]	24.1	53.2	59.3	70.4	75.1	78.9	81.2	86.7	90.3	92.2	93.7	93.7	93.8	94.4	94.5	94.5
GE [illegible]	24.2	53.2	59.4	70.6	75.4	79.4	81.9	87.5	91.2	93.6	95.1	95.1	95.2	95.7	95.9	95.9
GE [illegible]	24.2	53.2	59.5	70.9	76.2	80.1	82.7	88.6	92.7	95.3	96.8	96.8	97.0	97.5	97.7	97.7
GE [illegible]	24.2	53.2	59.5	70.9	76.2	80.1	82.7	89.0	93.1	95.8	97.1	97.1	97.4	97.9	98.1	98.1
GE [illegible]	24.2	53.2	59.5	70.9	76.2	80.1	82.7	89.0	93.2	95.8	97.5	97.5	97.9	98.6	98.8	98.8
GE	24.2	53.2	59.5	70.9	76.2	80.1	82.7	89.0	93.2	95.8	97.5	97.5	98.1	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 80	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	15.2	16.2	16.4	21.1	21.2	23.3	24.4	25.4	26.3	26.3	26.4	26.8	27.0	27.1	27.2
GE 22000	21.8	23.2	26.8	30.0	31.6	33.0	34.6	35.9	37.0	37.3	37.6	38.0	38.1	38.3	38.4
GE 15000	21.9	23.5	27.1	30.3	31.8	33.2	34.9	36.2	37.3	37.6	37.8	38.3	38.4	38.5	38.7
GE 10000	21.9	23.5	27.1	30.3	31.8	33.2	34.9	36.2	37.3	37.6	37.8	38.3	38.4	38.5	38.7
GE 7000	22.5	24.3	27.7	30.9	32.4	33.8	35.5	36.7	37.8	38.1	38.4	38.8	39.0	39.1	39.2
GE 5000	24.9	26.5	33.4	33.9	35.6	37.3	39.1	40.4	41.5	41.8	42.0	42.5	42.6	42.7	42.9
GE 3500	27.9	30.2	34.2	37.3	39.5	41.2	43.3	45.1	46.4	46.9	47.2	47.6	47.8	47.9	48.0
GE 2500	30.0	32.3	36.5	40.1	41.8	43.6	45.7	47.5	48.9	49.4	49.7	50.1	50.3	50.4	50.6
GE 2000	30.2	32.4	36.7	40.4	42.2	43.9	45.9	47.8	49.2	49.7	50.0	50.4	50.6	50.7	50.8
GE 1500	30.7	33.0	37.3	40.9	42.6	44.4	46.5	48.3	49.9	50.6	50.8	51.3	51.4	51.5	51.7
GE 1000	32.5	35.1	39.4	43.0	44.7	46.5	48.6	50.4	52.0	52.7	52.9	53.4	53.5	53.6	53.8
GE 700	36.9	39.4	43.9	47.6	49.4	51.3	53.5	55.3	56.8	57.5	57.8	58.2	58.4	58.5	58.7
GE 600	39.4	41.9	46.6	50.4	52.2	54.1	56.3	58.1	59.6	60.3	60.6	61.0	61.2	61.3	61.5
GE 500	41.2	44.3	49.0	52.8	54.6	56.4	58.7	60.5	62.0	62.7	63.0	63.4	63.5	63.7	63.8
GE 400	42.9	45.4	50.7	54.5	56.3	58.1	60.3	62.2	63.7	64.4	64.7	65.1	65.2	65.4	65.5
GE 300	44.3	46.8	52.5	56.4	58.2	60.1	62.3	64.1	65.6	66.3	66.6	67.0	67.2	67.3	67.5
GE 250	45.5	48.5	54.3	58.2	60.1	62.2	64.4	66.2	67.7	68.4	68.7	69.1	69.3	69.4	69.7
GE 200	47.8	51.0	57.0	60.9	62.7	65.2	67.5	69.3	70.8	71.5	71.8	72.2	72.3	72.5	72.8
GE 150	49.2	52.4	58.5	62.4	64.2	66.9	69.1	71.0	72.5	73.2	73.5	73.9	74.0	74.2	74.4
GE 100	52.3	55.3	61.6	65.6	67.5	70.1	72.3	74.2	75.7	76.4	76.7	77.1	77.2	77.4	77.7
GE 70	54.8	58.0	64.6	69.4	71.2	73.9	76.1	77.9	79.5	80.2	80.4	80.9	81.0	81.1	81.4
GE 60	56.9	61.2	67.5	72.3	74.0	76.7	79.1	80.9	82.4	83.1	83.4	83.8	83.9	84.1	84.4
GE 50	58.4	62.2	68.4	73.3	75.1	77.8	80.2	82.0	83.5	84.2	84.5	84.9	85.1	85.2	85.5
GE 40	60.3	64.9	71.5	76.7	78.5	81.1	83.5	85.5	87.0	87.7	88.0	88.4	88.5	88.7	89.0
GE 30	61.1	65.8	72.5	77.8	79.5	82.2	84.7	86.7	88.2	88.9	89.2	89.7	90.1	90.2	90.4	90.6
GE 25	61.9	66.6	73.6	79.0	81.7	84.6	87.0	89.0	90.6	91.3	91.6	92.0	92.2	92.3	92.6
GE 20	62.3	67.3	74.9	80.7	83.2	86.2	88.6	90.9	92.6	93.6	93.9	94.3	94.4	94.6	94.8
GE 15	62.4	67.5	75.7	81.5	84.4	87.4	89.4	92.5	94.1	95.1	95.4	95.8	95.9	96.1	96.4
GE 10	62.4	67.7	75.8	82.0	84.8	87.8	91.1	93.2	95.2	95.9	96.2	96.6	96.8	96.9	97.2
GE 7	62.4	67.7	75.8	82.2	85.0	87.9	91.2	93.6	95.3	96.5	96.9	97.3	97.6	97.8	98.0
GE 5	62.4	67.7	75.8	82.2	85.0	87.9	91.2	93.7	95.5	96.9	97.3	98.0	98.3	98.7	99.6
GE 0	62.4	67.7	75.8	82.2	85.0	87.8	91.2	93.7	95.5	96.9	97.3	98.0	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 15	GE 10	GE 8	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1.5	GE 1	GE 0.5	GE 0
NO CEIL	21.1	17.2	18.5	19.9	21.0	21.3	21.7	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 20000	26.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 18000	26.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 16000	26.0	27.7	29.4	31.5	33.5	33.6	33.9	34.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 14000	26.1	29.1	31.0	33.1	35.2	35.4	35.6	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 12000	27.9	30.5	32.4	34.6	36.7	37.0	37.1	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 10000	29.5	34.3	36.3	38.9	41.2	41.8	41.9	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 9000	29.5	35.3	37.4	40.4	42.7	43.3	43.4	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	29.9	35.3	37.5	40.5	42.9	43.4	43.5	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000	29.9	35.6	37.8	41.0	43.1	43.7	43.8	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 6000	29.9	37.5	39.7	42.9	45.5	46.0	46.2	46.6	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 5000	37.4	42.6	45.1	48.8	51.5	52.1	52.2	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 4500	39.5	48.5	51.2	55.2	58.1	58.7	58.8	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4000	39.8	51.6	54.4	58.4	61.4	62.2	62.4	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 3500	39.7	53.8	56.6	60.6	63.6	64.4	64.6	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 3000	42.1	56.6	60.9	65.1	68.1	69.0	69.1	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2500	47.6	62.9	66.9	70.1	73.1	73.9	74.0	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2200	47.6	63.5	67.6	71.6	75.9	78.8	78.7	79.8	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	47.6	73.1	73.1	77.6	80.6	81.5	81.6	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	47.6	74.3	77.3	82.0	85.0	86.0	86.3	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1600	50.7	79.3	82.4	87.2	90.4	91.3	91.8	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1400	50.1	80.4	83.7	88.7	92.2	93.1	93.7	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	50.2	80.5	83.6	88.4	92.4	93.4	94.1	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	50.7	81.6	84.8	89.6	93.3	94.4	95.1	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	50.7	81.6	84.6	89.7	93.7	94.9	95.6	96.8	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	50.9	81.8	85.2	90.4	94.8	96.0	96.8	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	51.1	81.9	85.4	90.7	95.2	96.2	97.0	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	51.1	81.9	85.6	90.8	95.5	96.6	97.5	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	51.1	81.9	85.6	90.8	95.5	96.6	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,07
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 00	GE 00	GE 40	GE 50	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	14.7	18.6	19.9	20.5	20.6	20.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 25000	24.2	32.1	33.5	34.3	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 18000	24.2	32.2	33.6	34.4	35.1	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 14000	24.2	32.2	33.6	34.4	35.1	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	24.4	32.9	34.3	35.3	36.0	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 7000	25.5	35.4	36.9	37.9	39.0	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	37.7	40.2	41.8	43.0	44.3	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 5000	41.1	41.8	43.3	44.5	45.9	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 4500	41.2	42.3	43.8	45.1	46.5	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 4000	41.7	42.9	44.5	45.8	47.2	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 3500	44.2	46.9	47.7	49.0	50.3	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3000	47.6	52.3	54.2	55.6	57.0	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 2500	47.8	53.1	63.3	64.7	66.1	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2000	51.7	67.5	69.7	71.2	72.6	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1800	55.4	71.9	74.1	75.7	77.0	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1600	61.0	76.9	79.1	81.1	82.4	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1400	67.8	81.2	83.4	85.5	86.9	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	68.1	84.9	87.1	89.2	90.9	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	67.4	86.3	88.5	90.6	92.3	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	67.5	87.8	90.2	92.3	93.9	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	67.6	88.9	91.4	93.9	95.7	96.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	67.9	89.6	92.3	95.0	96.8	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	67.9	89.6	92.4	95.4	97.2	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	67.9	89.6	92.4	95.6	97.4	97.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	67.9	89.6	92.5	95.7	97.5	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	67.9	89.6	92.5	96.0	97.8	98.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	67.9	89.6	92.7	96.1	98.1	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.9	89.6	92.7	96.1	98.1	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	67.9	89.6	92.7	96.1	98.1	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 1600-1700

CEILING (Ft)	VISIBILITY IN HUNDREDS OF METERS														
	M1	SM	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.7	25.8	25.8	25.9	26.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 22000	40.4	40.5	41.1	41.3	42.2	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 18000	40.7	41.1	41.6	41.9	42.7	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	40.7	41.1	41.6	41.9	42.7	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 10000	41.9	42.7	43.2	43.5	44.3	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 7000	46.7	46.4	46.8	46.2	47.1	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 5000	47.4	50.1	51.9	51.2	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 3000	47.8	51.3	52.1	52.5	53.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 2000	48.2	51.6	52.7	53.1	53.9	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1500	48.6	52.2	53.0	54.0	54.8	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 1000	49.0	57.1	57.8	58.3	59.2	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 700	51.4	67.7	68.6	69.0	71.1	71.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 500	52.2	76.7	77.6	78.2	79.3	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 400	52.2	81.0	82.1	82.5	83.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 300	52.2	82.7	83.8	84.6	85.7	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 200	52.2	86.1	87.2	88.3	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 150	52.5	88.1	89.4	90.5	91.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 100	52.6	90.6	91.9	92.8	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 70	52.7	91.2	92.4	93.6	94.7	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 50	52.9	92.1	93.3	94.7	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 30	53.0	93.0	94.4	95.9	97.0	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 20	53.0	93.6	95.0	96.7	98.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 15	53.0	93.7	95.1	96.9	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 10	53.0	93.7	95.1	96.9	98.3	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 7	53.0	93.7	95.1	96.9	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 5	53.0	93.7	95.1	96.9	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3	53.0	93.7	95.1	96.9	98.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2	53.0	93.7	95.1	96.9	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	53.0	93.7	95.1	96.9	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	53.0	93.7	95.1	96.9	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 15	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0.7	GE 0.5	GE 0.4	GE 0
NO CEIL	31.3	31.3	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 25000	47.3	47.6	49.2	50.2	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	47.4	47.6	49.0	49.4	50.2	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 15000	47.6	47.8	48.1	49.0	50.5	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	48.1	48.3	48.7	49.6	50.5	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 7000	49.1	49.3	49.7	51.0	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000	50.1	50.3	52.7	54.3	55.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 3000	53.5	53.7	57.4	59.9	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2500	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 1500	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 1000	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 700	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 500	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 300	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 200	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 100	53.5	53.7	57.6	59.7	61.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1500	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1000	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 700	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 500	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 300	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 200	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 100	70.5	73.1	74.2	76.4	78.2	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 700	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 500	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 300	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 200	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 100	77.7	77.7	78.6	81.0	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 100	84.2	84.2	87.9	91.0	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 5000	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 300	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 200	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 100	86.4	86.4	88.8	91.9	93.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 5000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	87.4	87.4	91.9	94.1	96.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS: 775

AD-A187 851 BRIZE NORTON RAF UK REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 3/3

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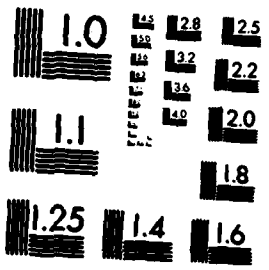


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALL	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	38.5	29.9	31.4	34.3	37.3	37.7	38.1	38.1	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	53.4	43.2	45.3	48.3	51.7	52.2	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 15000	53.4	43.4	45.4	48.5	51.8	52.4	53.3	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	53.4	43.4	45.4	48.5	51.8	52.4	53.3	53.5	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	53.4	43.9	46.0	49.0	52.4	52.9	53.9	54.0	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 8000	55.8	46.0	47.2	50.3	53.6	54.2	55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	56.4	48.6	51.2	54.6	59.2	59.8	60.1	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	62.8	52.1	54.8	58.2	62.2	63.9	64.0	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000	63.2	52.2	55.1	58.4	62.5	64.2	64.3	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	63.1	52.9	56.0	59.3	63.3	64.8	65.1	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	67.6	57.3	60.5	64.3	68.3	69.8	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	73.9	63.3	66.6	70.8	74.9	75.6	76.7	77.1	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	80.4	69.2	73.0	78.3	79.1	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	82.0	67.7	71.2	75.5	80.1	82.9	82.0	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	88.9	69.4	72.9	77.1	81.7	83.5	83.7	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	88.9	72.4	76.0	80.6	85.5	86.4	87.5	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	90.8	75.1	78.7	83.4	88.4	89.3	90.4	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	90.7	76.6	80.3	85.2	90.2	91.1	92.2	92.8	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	90.7	77.0	80.9	85.7	90.7	91.7	92.8	93.4	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	90.7	77.3	81.2	86.0	91.0	92.0	93.1	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	90.7	77.8	81.9	86.6	91.8	92.8	93.9	94.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	94.1	79.7	83.8	88.4	93.2	94.2	95.3	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	94.2	79.6	83.1	88.2	93.4	94.3	95.4	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	94.1	79.1	83.7	88.9	94.2	95.2	96.3	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	94.6	79.6	84.2	89.5	94.7	95.7	96.8	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	94.9	80.1	84.6	90.0	95.2	96.3	97.5	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	94.9	80.1	84.6	90.2	95.4	96.4	97.6	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 150	94.9	80.1	84.6	90.6	95.8	97.0	98.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	94.9	80.1	84.6	90.7	96.0	97.1	98.3	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	94.9	80.1	84.6	90.7	96.3	97.4	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.9	80.1	84.6	90.7	96.3	97.4	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	14.7	22.5	23.9	25.9	27.4	28.2	28.8	29.5	29.9	30.2	30.3	30.3	30.4	30.5	30.5	30.5
GE [illegible]	22.4	33.2	35.0	37.5	39.6	40.6	41.3	42.3	42.8	43.2	43.4	43.4	43.5	43.6	43.6	43.6
GE 14000	22.5	33.3	35.1	37.6	39.8	40.8	41.5	42.5	43.0	43.4	43.6	43.6	43.6	43.7	43.8	43.8
GE 12000	22.6	33.4	35.2	37.7	39.8	40.8	41.5	42.5	43.0	43.4	43.6	43.6	43.7	43.8	43.8	43.8
GE 10000	23.1	34.3	36.1	38.6	40.8	41.8	42.5	43.5	44.0	44.4	44.6	44.6	44.7	44.8	44.8	44.8
GE 9000	24.3	36.4	38.3	41.0	43.2	44.4	45.1	46.2	46.7	47.1	47.3	47.3	47.4	47.5	47.5	47.5
GE 8000	26.7	40.1	42.3	45.3	47.7	49.0	49.8	51.0	51.6	52.0	52.3	52.4	52.4	52.5	52.5	52.6
GE 7000	27.6	41.8	44.2	47.3	49.8	51.1	51.9	53.1	53.7	54.2	54.5	54.5	54.5	54.6	54.7	54.7
GE 6000	27.7	42.1	44.4	47.6	50.2	51.4	52.3	53.5	54.2	54.6	54.9	54.9	55.0	55.1	55.1	55.1
GE 5000	28.0	42.7	45.1	48.3	50.9	52.1	52.9	54.2	54.9	55.3	55.6	55.7	55.7	55.8	55.9	55.9
GE 4000	28.2	43.9	46.4	51.7	54.4	55.6	56.5	57.8	58.5	59.0	59.3	59.3	59.4	59.4	59.5	59.5
GE 3500	34.9	51.9	54.7	58.4	61.2	62.5	63.4	64.7	65.5	65.9	66.2	66.3	66.3	66.4	66.4	66.5
GE 3000	35.0	52.0	54.8	58.5	61.3	62.6	63.5	64.8	65.6	66.0	66.3	66.4	66.4	66.5	66.5	66.6
GE 2500	35.6	53.6	56.6	60.5	63.3	64.6	65.4	66.8	67.5	68.0	68.3	68.4	68.4	68.5	68.5	68.6
GE 2000	37.8	56.6	59.5	63.3	66.2	67.5	68.4	69.8	70.5	71.0	71.3	71.3	71.4	71.5	71.5	71.6
GE 1800	40.8	59.6	62.5	66.3	69.3	70.6	71.6	73.0	73.7	74.2	74.5	74.5	74.6	74.7	74.7	74.7
GE 1600	42.5	61.4	64.4	68.3	71.3	72.7	73.6	75.0	75.8	76.2	76.5	76.6	76.6	76.7	76.8	76.8
GE 1400	44.7	64.4	67.5	71.7	74.7	76.1	77.1	78.5	79.2	79.7	80.0	80.1	80.1	80.2	80.2	80.3
GE 1200	46.6	67.2	70.4	74.7	77.7	79.2	80.2	81.6	82.4	82.9	83.2	83.2	83.3	83.4	83.4	83.4
GE 1000	49.6	69.8	73.1	77.5	80.6	82.0	83.1	84.5	85.3	85.8	86.1	86.1	86.2	86.3	86.3	86.4
GE 900	49.2	70.6	74.1	78.6	81.7	83.2	84.3	85.7	86.5	87.0	87.3	87.3	87.4	87.5	87.5	87.6
GE 800	50.4	72.6	76.0	80.6	83.7	85.2	86.3	87.8	88.5	89.0	89.3	89.4	89.4	89.5	89.6	89.6
GE 700	51.1	74.5	77.9	82.7	86.0	87.5	88.6	90.1	90.9	91.4	91.7	91.7	91.8	91.9	91.9	91.9
GE 600	51.5	75.6	79.3	84.3	87.7	89.2	90.4	91.9	92.7	93.2	93.5	93.5	93.6	93.7	93.7	93.8
GE 500	51.6	76.0	79.7	84.8	88.2	89.7	91.0	92.5	93.3	93.8	94.1	94.1	94.2	94.3	94.3	94.4
GE 400	51.6	76.5	80.5	85.7	89.3	90.8	92.0	93.5	94.4	94.9	95.2	95.2	95.3	95.4	95.4	95.5
GE 300	51.8	76.9	81.3	86.3	90.0	91.5	92.8	94.4	95.3	95.8	96.1	96.2	96.2	96.3	96.3	96.4
GE 200	52.0	77.2	81.4	86.6	90.6	92.3	93.6	95.3	96.1	96.7	97.0	97.0	97.1	97.2	97.2	97.2
GE [illegible]	52.0	77.4	81.6	87.2	91.2	92.9	94.3	96.0	96.9	97.4	97.8	97.8	97.9	97.9	98.0	98.0
GE 400	52.0	77.4	81.7	87.5	91.5	93.3	94.7	96.5	97.4	98.0	98.3	98.4	98.4	98.5	98.6	98.6
GE [illegible]	52.0	77.4	81.7	87.6	91.6	93.5	94.9	96.6	97.6	98.2	98.5	98.6	98.8	98.9	99.0	99.1
GE [illegible]	52.0	77.4	81.7	87.6	91.7	93.5	95.0	97.0	98.0	98.7	99.1	99.1	99.2	99.3	99.3	99.4
GE 100	52.0	77.5	81.8	87.6	91.7	93.6	95.2	97.1	98.1	98.8	99.2	99.3	99.4	99.5	99.6	99.7
GE 0	52.0	77.5	81.8	87.6	91.7	93.6	95.2	97.1	98.1	98.8	99.2	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 5797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.8	26.5	29.7	35.5	38.3	39.9	40.6	41.7	42.3	42.4	42.4	42.4	42.4	42.6	42.6	42.6
GE 20000	19.4	29.8	33.2	39.8	42.9	44.6	45.7	46.9	47.6	47.7	47.7	47.7	47.7	47.8	47.8	47.8
GE 18000	19.4	29.9	33.3	39.9	43.1	44.7	45.9	47.2	47.8	47.9	47.9	47.9	47.9	48.1	48.1	48.1
GE 16000	19.4	29.9	33.3	39.9	43.1	44.7	45.9	47.2	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1
GE 14000	19.5	30.0	34.2	40.8	43.9	45.6	46.8	48.1	48.7	48.8	48.8	48.8	48.8	48.9	48.9	48.9
GE 12000	21.0	31.8	35.3	41.9	45.1	46.7	47.9	49.2	49.8	49.9	49.9	49.9	49.9	50.1	50.1	50.1
GE 10000	23.4	34.3	38.3	45.1	48.2	49.9	51.4	52.9	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8
GE 9000	24.4	35.4	39.5	46.4	49.7	51.6	53.6	55.1	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.2
GE 8000	24.9	35.7	39.8	46.7	49.9	51.8	53.8	55.3	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4
GE 7000	24.8	36.8	40.9	47.8	51.1	53.1	55.4	56.9	57.8	57.9	57.9	57.9	57.9	58.1	58.1	58.1
GE 6000	25.9	41.4	46.9	54.6	58.2	60.6	63.1	64.6	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7
GE 5000	32.2	44.4	50.7	59.1	63.1	65.5	68.0	69.7	70.7	70.8	70.8	70.8	70.8	71.0	71.0	71.0
GE 4500	31.3	45.6	51.9	60.3	64.6	67.0	69.5	71.3	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6
GE 4000	32.7	46.9	53.4	62.1	66.3	68.7	71.3	73.2	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6
GE 3500	33.2	47.9	54.4	63.1	67.5	69.8	72.5	74.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8
GE 3000	34.7	49.9	56.4	65.2	69.6	72.0	74.6	76.6	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0
GE 2500	36.2	52.1	58.7	67.6	72.0	74.3	77.0	79.0	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4
GE 2000	37.5	54.6	61.5	70.6	75.1	77.5	80.1	82.1	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5
GE 1800	37.9	55.2	62.1	71.3	75.8	78.2	80.9	82.9	84.1	84.2	84.2	84.2	84.2	84.4	84.4	84.4
GE 1600	38.4	56.3	63.3	72.8	77.3	79.7	82.5	84.5	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0
GE 1400	39.7	57.6	65.1	75.0	79.5	82.0	84.7	87.1	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7
GE 1200	39.8	59.2	66.8	77.1	81.9	84.6	87.4	89.9	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.5
GE 1000	39.9	59.6	67.5	78.1	83.2	86.2	89.1	91.6	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2
GE 900	39.9	60.7	68.3	79.1	84.4	87.4	90.2	92.9	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5
GE 700	39.9	61.1	69.9	80.2	85.6	88.6	91.5	94.1	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7
GE 600	39.9	61.2	69.0	80.9	86.4	89.6	92.5	95.1	96.5	96.6	96.7	96.7	96.7	96.9	96.9	96.9
GE 500	39.9	61.2	69.0	81.1	86.7	90.0	92.9	95.6	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.4
GE 400	39.9	61.2	69.1	81.4	87.2	90.9	93.7	96.6	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5
GE 300	39.9	61.2	69.1	81.4	87.4	91.0	93.9	96.7	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7
GE 200	39.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7
GE 100	39.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.6	99.6	99.7	99.9	99.9	99.9
GE 0	39.9	61.2	69.1	81.6	87.7	91.4	94.2	97.4	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
ESAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03685[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
GE 20000	11.1	17.6	19.6	23.4	25.2	27.6	28.8	31.1	32.4	32.9	32.9	33.0	33.4	33.7	33.7	33.9
GE 15000	12.8	19.9	22.9	27.2	29.5	32.1	33.4	36.5	38.3	39.0	39.0	39.1	39.5	39.8	39.8	40.1
GE 10000	12.8	19.9	22.9	27.2	29.5	32.1	33.4	36.6	38.4	39.1	39.1	39.3	39.6	39.9	39.9	40.2
GE 7000	12.9	19.9	22.9	27.2	29.5	32.1	33.4	36.6	38.4	39.1	39.1	39.3	39.6	39.9	39.9	40.2
GE 5000	13.0	20.0	23.2	27.4	29.6	32.4	33.8	37.1	39.0	39.6	39.8	39.9	40.2	40.5	40.5	40.9
GE 3000	14.0	21.3	25.0	29.4	31.8	34.9	35.9	39.1	41.1	41.8	41.8	42.0	42.3	42.6	42.6	42.9
GE 2000	14.7	22.7	27.3	32.0	34.4	37.1	38.5	42.0	44.1	44.9	45.0	45.1	45.5	45.7	45.7	46.1
GE 1500	15.4	23.5	29.0	33.7	36.2	39.0	40.5	44.3	45.6	47.4	47.6	47.7	48.0	48.3	48.3	48.7
GE 1000	16.6	25.1	29.1	33.8	36.3	39.1	40.6	44.4	46.7	47.6	47.8	47.9	48.3	48.5	48.5	48.9
GE 700	17.0	25.6	29.6	34.3	36.8	39.6	41.3	45.2	47.6	48.4	48.7	48.8	49.1	49.4	49.4	49.8
GE 600	17.6	26.8	31.1	36.6	39.4	42.6	44.6	48.8	51.3	52.4	52.7	52.8	53.2	53.4	53.4	53.8
GE 500	18.7	28.5	36.0	41.7	44.6	48.5	50.7	55.1	58.0	59.3	59.5	59.6	60.0	60.2	60.2	60.6
GE 400	19.7	30.6	37.4	43.3	46.6	50.5	52.7	57.1	60.0	61.2	61.5	61.6	62.0	62.2	62.2	62.6
GE 300	21.4	33.8	39.4	44.4	47.8	51.8	54.0	58.4	61.5	62.8	63.0	63.2	63.5	63.8	63.8	64.1
GE 250	22.4	35.0	39.6	45.6	49.0	53.0	55.2	59.6	62.7	64.0	64.3	64.4	64.8	65.0	65.0	65.4
GE 200	23.4	36.1	41.0	47.1	50.9	54.9	57.1	61.7	64.8	66.1	66.3	66.5	66.8	67.1	67.1	67.4
GE 150	25.0	38.6	43.0	49.6	53.9	58.0	60.2	65.0	68.2	69.4	69.6	69.8	70.1	70.4	70.4	70.7
GE 100	26.7	41.3	46.6	53.4	57.7	62.0	64.3	69.0	72.2	73.5	73.8	73.9	74.3	74.5	74.5	74.9
GE 70	27.0	42.2	47.4	54.4	58.9	63.0	65.4	70.2	73.4	74.8	75.0	75.1	75.5	75.7	75.7	76.1
GE 60	27.5	44.3	49.9	57.2	61.7	66.1	68.4	73.3	76.6	77.9	78.2	78.3	78.7	78.9	78.9	79.3
GE 50	28.4	46.0	52.3	60.0	64.6	69.5	72.1	77.2	80.5	81.8	82.1	82.2	82.6	82.8	82.8	83.2
GE 40	29.8	47.6	53.8	61.7	66.6	71.6	74.3	79.4	83.3	84.6	84.9	85.0	85.4	85.6	85.6	86.0
GE 30	30.0	48.0	54.4	63.0	68.4	73.5	76.2	81.8	85.2	86.6	86.9	87.0	87.3	87.6	87.6	87.9
GE 25	30.1	48.7	55.0	64.1	69.6	74.8	77.9	83.5	87.0	88.3	88.5	88.7	89.1	89.4	89.4	89.8
GE 20	30.5	49.5	56.3	65.6	71.5	76.8	79.8	85.4	88.9	90.2	90.5	90.6	91.2	91.5	91.5	91.8
GE 15	30.5	50.1	57.1	66.7	72.7	78.3	81.2	86.8	90.4	91.7	92.0	92.1	92.7	92.9	92.9	93.3
GE 10	30.7	50.5	57.7	67.2	73.4	79.0	82.0	87.6	91.2	92.6	92.7	93.2	93.8	94.0	94.0	94.4
GE 7	31.0	50.7	58.2	68.0	74.1	79.8	82.8	88.5	92.4	94.0	94.0	94.4	94.5	95.1	95.4	95.7
GE 5	31.0	50.9	58.4	68.3	74.8	80.4	83.5	89.6	93.5	95.1	95.5	95.6	96.2	96.5	96.5	96.8
GE 4	31.0	50.9	58.4	68.3	74.8	80.5	83.8	89.9	94.0	95.6	96.3	96.5	97.1	97.3	97.3	97.9
GE 2	31.0	50.9	58.4	68.4	75.0	80.7	84.0	90.2	94.4	96.0	97.0	97.1	97.8	98.0	98.0	98.9
GE 0	31.0	50.9	58.4	68.4	75.0	80.7	84.0	90.2	94.4	96.6	97.1	97.4	97.9	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	17.2	17.6	18.4	20.8	22.8	24.6	25.3	27.0	27.5	27.8	28.3	28.3	28.4	28.4	28.6	28.8
GE 20000	14.7	22.2	23.4	26.5	29.1	30.6	32.1	34.9	36.0	36.4	36.9	37.0	37.4	37.4	37.6	37.7
GE 18000	14.7	22.2	23.4	26.5	29.1	30.6	32.1	34.9	36.0	36.4	36.9	37.0	37.4	37.4	37.6	37.7
GE 16000	14.7	22.2	23.4	26.5	29.1	30.6	32.1	34.9	36.0	36.4	36.9	37.0	37.4	37.4	37.6	37.7
GE 14000	14.8	22.7	24.0	27.3	29.9	31.5	33.0	35.7	36.9	37.4	37.9	38.0	38.4	38.4	38.6	38.7
GE 12000	15.0	25.3	26.8	30.1	32.8	34.4	36.0	38.9	40.0	40.5	41.0	41.1	41.5	41.5	41.7	42.0
GE 10000	15.4	28.5	30.3	33.7	36.5	38.2	39.9	42.7	44.0	44.5	45.1	45.2	45.6	45.8	46.1	46.3
GE 9000	15.4	29.5	31.3	34.9	38.0	39.7	41.6	44.6	46.2	46.8	47.4	47.6	47.9	48.2	48.4	48.7
GE 8000	15.4	29.6	31.4	35.0	38.1	39.9	41.7	45.0	46.5	47.1	47.7	47.8	48.2	48.4	48.7	48.9
GE 7000	15.4	29.6	31.4	35.0	38.1	39.9	41.8	45.1	46.6	47.2	47.8	47.9	48.3	48.6	48.8	49.1
GE 6000	15.7	31.0	32.9	36.5	39.9	41.6	43.7	47.3	49.1	49.7	50.4	50.6	50.9	51.2	51.4	51.7
GE 5000	21.7	34.1	36.2	40.3	44.0	45.7	47.9	51.6	53.7	54.3	55.0	55.2	55.5	55.8	56.2	56.4
GE 4800	22.0	35.7	37.9	42.1	45.8	47.7	49.9	53.5	55.7	56.3	57.0	57.2	57.5	57.8	58.2	58.4
GE 4600	23.4	36.7	39.1	43.5	47.2	49.2	51.6	55.2	57.3	57.9	58.7	58.8	59.2	59.4	59.8	60.0
GE 4400	24.7	38.4	41.7	45.1	48.9	50.8	53.2	56.8	58.9	59.5	60.3	60.4	60.8	61.0	61.4	61.6
GE 4200	25.0	39.7	42.2	46.7	50.6	52.7	55.0	58.8	60.9	61.5	62.3	62.4	62.8	63.0	63.4	63.6
GE 4000	27.0	41.8	44.6	49.2	53.2	55.3	57.8	61.8	63.9	64.5	65.3	65.4	65.8	66.0	66.4	66.6
GE 3800	27.9	44.0	46.9	51.9	56.0	58.2	60.8	65.0	67.1	67.7	68.5	68.6	69.0	69.2	69.6	69.9
GE 3600	28.7	45.5	48.4	53.8	58.2	60.3	63.1	67.5	69.6	70.2	71.0	71.1	71.5	71.7	72.1	72.4
GE 3400	29.0	47.6	50.6	56.2	60.5	62.6	65.6	69.9	72.0	72.6	73.3	73.5	73.8	74.1	74.5	74.7
GE 3200	30.0	50.2	53.5	59.7	64.1	66.3	69.2	73.6	76.0	76.6	77.3	77.5	77.8	78.1	78.5	78.7
GE 3000	33.7	52.3	55.7	62.1	66.9	69.0	72.1	76.6	79.0	79.6	80.3	80.4	80.8	81.1	81.4	81.7
GE 2900	34.6	53.2	56.7	63.4	68.4	70.5	73.6	78.3	80.7	81.3	82.1	82.2	82.6	82.8	83.2	83.4
GE 2800	34.9	54.3	57.8	64.6	69.6	71.7	75.0	79.8	82.2	82.9	83.7	83.8	84.2	84.4	84.8	85.1
GE 2700	35.2	55.2	58.7	66.0	71.1	73.5	76.8	81.8	84.2	84.9	85.7	85.8	86.2	86.4	86.8	87.0
GE 2600	35.6	56.0	59.8	67.2	72.6	75.0	78.5	83.7	86.2	86.9	87.7	87.8	88.2	88.4	88.8	89.0
GE 2500	36.0	56.3	60.1	67.9	73.5	76.0	79.8	85.2	87.8	88.6	89.9	90.0	90.4	90.7	91.0	91.3
GE 2400	36.0	56.9	60.8	68.9	74.7	77.2	81.2	86.8	89.5	90.7	91.7	91.8	92.2	92.4	92.8	93.0
GE 2300	36.0	56.9	60.9	69.0	74.8	77.6	81.8	88.0	91.3	92.4	93.4	93.6	94.0	94.3	94.6	94.9
GE 2200	36.0	56.9	60.9	69.0	75.0	77.7	82.3	88.9	92.5	93.8	94.9	95.1	95.6	96.0	96.4	96.6
GE 2100	36.0	56.9	60.9	69.0	75.0	77.7	82.3	88.9	92.7	94.0	95.3	95.5	96.1	96.6	97.0	97.8
GE	36.0	56.9	60.9	69.0	75.0	77.7	82.3	88.9	92.7	94.0	95.3	95.5	96.1	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 10*	GE 96	GE 70	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	18.0	18.0	19.2	20.2	21.5	21.9	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 20000	27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 18000	27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 16000	27.7	27.4	28.4	29.7	31.3	31.9	32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 14000	27.8	27.9	28.9	30.2	31.8	32.4	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 12000	32.4	34.6	35.6	37.0	38.7	39.4	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 10000	34.6	37.1	38.1	39.6	41.4	42.0	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 9000	35.4	38.0	39.1	40.6	42.4	43.0	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	35.6	38.5	39.6	41.2	43.0	43.6	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 7000	36.0	39.1	40.3	42.0	43.8	44.4	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000	37.0	40.6	41.8	43.6	45.4	46.0	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 5000	37.9	41.4	42.7	44.6	46.4	47.0	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 4500	38.7	42.3	43.6	45.4	47.2	47.9	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 4000	39.7	43.6	44.9	46.7	48.5	49.2	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 3500	41.7	45.5	46.8	48.6	50.4	51.1	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 3000	44.6	48.5	49.8	51.6	53.4	54.2	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 2500	47.6	51.6	52.8	54.6	56.4	57.2	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2000	50.6	54.6	55.8	57.6	59.4	60.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1800	52.1	56.1	57.3	59.1	60.9	61.7	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1600	53.7	57.7	58.9	60.7	62.5	63.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 1400	55.3	59.3	60.5	62.3	64.1	64.9	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1200	59.4	63.4	64.6	66.4	68.2	69.0	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1000	61.1	65.6	67.0	69.0	71.0	71.8	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 900	62.3	67.6	69.0	71.1	73.1	73.9	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 800	63.6	68.9	70.3	72.4	74.4	75.2	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 700	65.6	71.0	72.4	74.5	76.6	77.4	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 600	68.8	74.1	75.5	77.7	79.8	80.7	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 500	72.4	77.8	79.2	81.4	83.5	84.3	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 450	74.4	79.9	81.3	83.5	85.6	86.4	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 400	76.5	82.0	83.4	85.6	87.7	88.5	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 350	78.7	84.2	85.6	87.8	89.9	90.7	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 300	81.1	86.6	88.0	90.2	92.3	93.1	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 250	83.1	88.6	90.0	92.2	94.3	95.1	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 200	84.3	89.8	91.2	93.4	95.5	96.3	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 150	85.3	90.8	92.2	94.4	96.5	97.3	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	85.3	90.8	92.2	94.4	96.5	97.3	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	85.3	90.8	92.2	94.4	96.5	97.3	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 968

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 12	GE 8	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	24.8	21.4	21.8	22.4	23.1	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE [illegible]	27.2	31.7	32.0	32.6	33.4	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 1[illegible]	27.2	31.6	32.0	32.8	33.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10[illegible]	27.2	31.6	32.0	32.8	33.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 1[illegible]	27.6	32.3	32.6	33.3	34.1	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 1[illegible]	28.3	34.4	34.8	35.8	36.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 1 [illegible]	28.9	36.6	37.4	38.6	40.1	40.2	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 9[illegible]	29.6	38.5	39.2	40.2	41.7	41.8	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 8[illegible]	29.8	38.8	39.4	40.6	42.1	42.2	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 7[illegible]	29.9	38.9	39.5	40.7	42.2	42.3	42.9	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 6000	30.8	41.1	41.9	43.2	44.6	44.7	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5[illegible]	31.9	49.9	50.9	52.2	54.0	54.2	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4[illegible]	40.3	54.8	55.7	57.2	59.0	59.2	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3[illegible]	47.2	61.2	62.2	63.8	65.8	65.9	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 2[illegible]	50.7	65.0	66.0	67.6	69.6	69.7	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1[illegible]	55.0	71.0	72.0	73.7	75.7	75.8	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE [illegible]	59.3	75.6	76.6	78.2	80.2	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE [illegible]	67.7	79.6	81.4	83.1	85.3	85.5	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1[illegible]	69.2	82.2	83.9	85.6	87.8	87.9	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1[illegible]	69.5	85.0	86.7	88.5	90.6	91.2	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1[illegible]	69.4	87.2	89.2	91.3	93.8	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1[illegible]	69.5	88.0	90.2	92.3	94.7	95.4	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE [illegible]	69.5	88.3	90.5	92.5	95.2	95.6	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE [illegible]	69.5	88.6	90.7	92.9	95.5	96.1	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE [illegible]	69.5	88.6	90.8	93.2	95.8	96.5	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE [illegible]	69.5	88.8	91.1	93.6	96.3	96.9	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE [illegible]	69.5	89.0	91.3	93.9	96.6	97.2	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE [illegible]	69.5	89.1	91.6	94.1	97.1	97.7	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE [illegible]	69.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	69.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	69.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE	69.5	89.1	91.6	94.1	97.1	97.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 10	GE 10	GE 8	GE 6	GE 4	GE 2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	GE 1/128	GE 0
20000 CEIL	24.8	23.9	24.9	25.6	25.9	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
15000	35.4	35.4	36.5	37.4	37.7	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
12000	35.4	35.6	36.7	37.6	38.0	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
10000	35.4	35.6	36.7	37.6	38.0	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
9000	35.4	36.1	37.2	38.1	38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
8000	39.1	39.6	40.9	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
7000	42.3	42.7	43.9	44.8	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
6000	43.6	44.3	45.6	46.7	47.5	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
5000	44.2	44.6	46.1	47.2	48.1	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
4500	45.7	46.0	47.5	48.6	49.4	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
4000	48.4	49.2	51.0	52.2	53.1	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
3500	58.4	58.8	60.9	62.1	63.4	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
3000	63.2	64.1	66.2	67.4	68.8	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2500	70.7	71.4	73.7	72.0	73.6	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2200	71.9	72.6	73.2	74.7	76.2	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2000	77.1	78.7	79.1	79.9	81.5	82.4	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1800	78.7	78.9	81.4	83.2	84.8	85.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1700	82.6	82.4	85.2	87.1	88.8	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1600	83.2	83.2	86.1	88.0	89.9	90.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1500	84.7	84.1	86.9	89.1	91.2	92.1	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1400	84.7	85.6	88.7	90.9	93.0	93.9	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1300	85.2	86.3	89.8	92.1	94.3	95.2	95.8	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1200	87.4	88.6	92.0	92.4	94.6	95.6	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1100	87.4	88.6	92.1	92.7	95.2	96.2	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1000	87.4	88.6	92.1	93.0	95.6	96.5	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
900	87.4	88.7	92.2	93.2	95.9	96.9	97.7	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	87.4	88.7	92.4	93.3	96.2	97.3	98.0	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	87.4	88.7	92.4	93.5	96.5	97.5	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	87.4	88.7	92.4	93.6	96.7	97.9	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	87.4	88.7	92.4	93.6	96.7	97.9	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	87.4	88.7	92.4	93.6	96.7	97.9	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	%T	VISIBILITY IN HUNDREDS OF METERS GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	[illegible]	31.4	33.0	33.5	33.6	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
[illegible]	[illegible]	42.7	45.1	45.8	46.1	46.2	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
[illegible]	[illegible]	42.8	45.2	46.1	46.2	46.3	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
[illegible]	41.1	43.0	45.3	46.1	46.3	46.5	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
[illegible]	41.8	43.7	46.1	46.8	47.1	47.2	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
[illegible]	44.2	46.8	48.2	48.9	49.2	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
[illegible]	48.4	52.6	53.1	53.6	54.2	54.3	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	50.2	52.4	55.0	55.4	56.2	56.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	50.7	52.8	55.4	56.2	56.5	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
[illegible]	51.2	53.3	55.9	56.7	57.2	57.4	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
[illegible]	54.5	56.9	59.9	61.1	61.9	62.4	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
[illegible]	63.6	66.0	69.4	71.0	72.2	72.9	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
[illegible]	67.5	70.4	73.7	75.3	76.6	77.2	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	69.6	72.1	75.7	77.6	79.1	79.7	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	71.1	73.7	77.3	79.2	80.7	81.3	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
[illegible]	74.6	77.3	80.9	82.9	84.4	85.1	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
[illegible]	76.3	79.2	82.8	84.7	86.3	86.9	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible]	79.7	81.6	85.3	87.2	88.9	89.5	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	79.1	81.9	85.7	87.5	89.3	89.9	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	83.2	86.1	88.6	90.5	91.2	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	84.7	88.4	90.4	92.2	93.2	94.1	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
[illegible]	84.9	88.8	91.0	92.8	93.8	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	85.1	88.9	91.2	92.9	93.9	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	85.4	89.3	91.7	93.4	94.5	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
[illegible]	85.7	89.5	92.0	93.8	95.0	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	85.8	89.9	92.7	94.6	96.0	97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
[illegible]	85.8	90.0	92.8	94.9	96.6	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	85.9	90.3	93.3	95.4	97.1	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	85.9	90.3	93.3	95.6	97.5	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	85.9	90.3	93.3	95.6	97.5	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	85.9	90.3	93.3	95.6	97.5	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 2	GE 1	GE 0
NO CEIL	35.3	37.6	40.5	41.1	41.6	42.3	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 25000	42.1	44.9	48.4	49.5	51.5	51.4	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	42.1	44.9	48.4	49.5	51.5	51.5	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	42.2	45.0	48.5	49.6	51.6	51.6	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	43.2	46.2	49.6	50.9	51.9	52.8	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 10000	44.9	48.1	51.6	52.8	53.8	55.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	47.4	50.7	54.5	55.6	56.9	58.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	48.5	52.1	55.9	57.3	58.5	59.9	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	48.8	52.4	56.2	57.6	58.8	60.1	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	49.6	53.3	57.2	58.7	60.1	61.5	62.6	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 5000	52.3	57.4	61.4	63.4	65.2	66.6	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	53.0	58.4	62.7	64.8	66.9	68.6	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	54.2	59.6	64.2	66.5	68.9	70.8	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	55.1	60.8	65.8	68.2	70.8	73.0	74.6	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	56.1	62.0	66.7	69.2	72.0	74.3	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	56.5	62.5	67.4	70.0	72.8	75.2	77.0	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	57.1	63.5	68.4	71.1	74.0	76.5	78.4	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	57.4	63.8	68.8	71.5	74.4	76.9	78.8	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	57.8	64.2	69.2	72.0	74.9	77.4	79.3	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	58.4	64.9	70.0	72.8	75.8	78.3	80.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1000	58.9	65.5	70.7	73.6	76.6	79.2	81.2	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 900	59.2	65.8	71.0	73.9	76.9	79.5	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 800	59.4	66.0	71.2	74.1	77.1	79.7	81.7	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 700	59.6	66.2	71.4	74.3	77.3	79.9	81.9	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 600	59.8	66.4	71.6	74.5	77.5	80.1	82.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 500	59.9	66.5	71.7	74.6	77.6	80.2	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 450	60.0	66.6	71.8	74.7	77.7	80.3	82.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 400	60.1	66.7	71.9	74.8	77.8	80.4	82.4	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 350	60.2	66.8	72.0	74.9	77.9	80.5	82.5	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 300	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 250	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 200	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 150	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 100	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 0	60.3	66.9	72.1	75.0	78.0	80.6	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 78954 STATION NAME: BELIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
40 CEIL	25.8	25.3	27.6	28.9	29.7	30.3	31.1	31.5	31.6	31.6	31.7	31.8	31.8	31.8
GE [illegible]	31.4	31.1	33.0	35.0	37.4	38.4	39.2	40.2	40.7	40.9	40.9	41.0	41.0	41.1	41.1	41.2
GE 1800	31.5	31.2	33.1	35.9	37.5	38.5	39.3	40.3	40.8	41.0	41.0	41.1	41.2	41.2	41.3	41.3
GE [illegible]	31.5	31.2	33.1	35.9	37.5	38.5	39.3	40.4	40.9	41.0	41.1	41.1	41.2	41.3	41.3	41.3
GE 1400	32.1	31.8	33.7	36.6	38.2	39.2	40.0	41.1	41.6	41.8	41.8	41.9	42.0	42.0	42.0	42.1
GE 1200	32.8	32.8	35.8	38.7	41.4	42.4	42.3	43.4	43.9	44.1	44.1	44.2	44.2	44.3	44.3	44.4
GE [illegible]	34.8	34.6	39.2	42.1	44.7	45.1	46.0	47.3	47.9	48.1	48.2	48.3	48.4	48.4	48.5	48.5
GE [illegible]	35.6	36.2	40.5	43.7	45.7	46.6	47.9	49.3	50.0	50.2	50.3	50.4	50.5	50.5	50.6	50.6
GE [illegible]	36.7	38.4	42.9	44.6	45.9	47.1	48.2	49.6	50.3	50.6	50.7	50.7	50.8	50.9	50.9	51.0
GE 700	37.2	39.1	41.5	44.6	46.6	47.9	49.2	50.5	51.2	51.4	51.5	51.6	51.7	51.7	51.8	51.9
GE [illegible]	38.0	41.7	44.4	47.9	50.1	51.6	52.8	54.4	55.1	55.4	55.5	55.6	55.6	55.7	55.8	55.8
GE [illegible]	47.9	47.9	50.9	54.6	57.1	58.6	60.2	61.9	62.8	63.1	63.2	63.3	63.4	63.4	63.5	63.6
GE 450	50.1	50.6	53.7	57.5	60.1	61.6	63.2	64.9	65.8	66.1	66.3	66.3	66.4	66.5	66.5	66.6
GE [illegible]	51.7	52.2	56.4	60.3	63.0	64.6	66.2	67.9	68.9	69.2	69.3	69.4	69.4	69.5	69.6	69.6
GE 250	54.8	55.1	59.3	62.2	64.9	66.7	68.1	69.9	70.8	71.2	71.3	71.3	71.4	71.5	71.5	71.6
GE [illegible]	61.9	59.3	61.6	65.7	68.5	70.3	71.8	73.6	74.5	74.9	75.0	75.0	75.1	75.2	75.2	75.3
GE [illegible]	64.2	61.4	64.9	69.1	72.0	73.8	75.3	77.1	78.1	78.4	78.5	78.6	78.7	78.8	78.8	78.9
GE [illegible]	66.7	64.6	68.4	72.7	75.7	77.6	79.1	81.0	82.0	82.3	82.4	82.5	82.6	82.6	82.7	82.8
GE 100	67.7	65.7	69.5	74.0	77.2	79.5	80.5	82.4	83.4	83.7	83.8	83.9	84.0	84.0	84.1	84.2
GE [illegible]	68.7	67.5	71.5	76.1	79.3	81.4	82.8	84.7	85.7	86.1	86.2	86.2	86.3	86.4	86.4	86.5
GE 50	69.9	69.8	74.0	78.9	82.1	84.2	85.9	87.9	89.0	89.4	89.5	89.5	89.6	89.7	89.8	89.8
GE [illegible]	70.9	70.9	75.2	80.3	83.7	85.9	87.7	89.8	90.9	91.3	91.5	91.5	91.6	91.7	91.7	91.8
GE [illegible]	71.3	71.3	75.7	81.0	84.6	86.8	88.6	90.9	92.0	92.3	92.5	92.5	92.6	92.7	92.7	92.8
GE [illegible]	71.9	71.9	76.4	81.9	85.6	87.9	89.9	92.2	93.3	93.6	93.8	93.8	93.9	94.0	94.1	94.1
GE [illegible]	72.2	72.2	76.9	82.6	86.4	88.8	90.9	93.2	94.4	94.7	94.9	94.9	95.0	95.1	95.2	95.2
GE [illegible]	72.5	72.5	77.2	83.2	87.2	89.7	91.8	94.2	95.4	95.8	96.0	96.0	96.2	96.2	96.3	96.4
GE [illegible]	72.6	72.6	77.4	83.4	87.6	90.1	92.3	94.6	96.1	96.6	96.8	96.9	97.0	97.1	97.1	97.2
GE [illegible]	72.7	72.7	77.6	83.6	88.1	90.7	93.0	95.6	97.0	97.5	97.7	97.8	97.9	98.0	98.0	98.1
GE [illegible]	72.7	72.7	77.7	83.9	88.3	90.9	93.3	96.1	97.6	98.1	98.4	98.4	98.5	98.6	98.7	98.8
GE [illegible]	72.7	72.7	77.7	83.9	88.4	91.0	93.5	96.3	97.8	98.5	98.8	98.9	99.0	99.1	99.2	99.3
GE [illegible]	72.7	72.7	77.7	84.0	88.4	91.1	93.5	96.4	98.0	98.6	98.9	99.0	99.2	99.3	99.4	99.6
GE [illegible]	72.7	72.7	77.7	84.0	88.4	91.1	93.5	96.4	98.0	98.6	99.0	99.0	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 6486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALL	GE 20	GE 16	GE 12	GE 8	GE 6	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	27.7	27.9	29.1	31.7	34.8	36.7	37.7	39.1	40.1	40.6	41.2	41.3	41.6	41.8	42.1	42.3
GE 25000	32.5	33.7	33.3	36.2	39.4	41.5	42.7	44.7	45.7	46.2	46.9	47.0	47.2	47.5	47.7	48.0
GE 22000	32.5	33.7	33.3	36.2	39.4	41.5	42.7	44.7	45.7	46.2	46.9	47.0	47.2	47.5	47.7	48.0
GE 20000	32.5	33.7	33.3	36.2	39.4	41.5	42.7	44.7	45.7	46.2	46.9	47.0	47.2	47.5	47.7	48.0
GE 18000	32.6	33.8	33.7	36.7	39.9	42.0	43.3	45.6	46.6	47.1	47.7	47.9	48.1	48.4	48.6	48.9
GE 15000	37.7	39.1	39.1	43.3	43.6	45.8	47.0	49.2	50.3	50.8	51.4	51.5	51.8	52.0	52.3	52.5
GE 14000	38.9	40.9	40.9	42.6	45.9	47.9	49.4	51.6	52.6	53.1	53.8	54.0	54.3	54.5	54.8	55.0
GE 13000	37.4	38.2	40.5	43.8	47.1	49.1	50.8	53.0	54.0	54.5	55.2	55.4	55.7	55.9	56.2	56.4
GE 12000	39.3	39.8	41.1	44.6	47.9	49.9	51.5	53.8	54.8	55.3	55.9	56.2	56.4	56.7	56.9	57.2
GE 11000	39.6	39.8	41.5	45.0	48.2	50.3	51.9	54.1	55.2	55.7	56.3	56.5	56.8	57.0	57.3	57.5
GE 10000	40.7	40.8	42.5	46.5	49.9	52.0	53.5	56.0	57.0	57.5	58.2	58.4	58.7	58.9	59.2	59.4
GE 9000	43.7	44.2	46.4	50.6	54.1	56.4	58.2	61.2	62.2	62.7	63.3	63.6	63.8	64.1	64.3	64.6
GE 8000	44.7	44.9	47.2	51.6	55.2	57.3	59.9	62.1	63.1	63.6	64.2	64.4	64.7	64.9	65.2	65.5
GE 7000	45.4	46.7	49.5	53.9	57.7	59.9	61.8	64.3	65.3	65.8	66.5	66.7	67.0	67.2	67.5	67.7
GE 6000	46.7	47.9	50.8	55.3	58.4	61.7	63.3	65.5	66.5	67.0	67.6	67.8	68.1	68.3	68.6	68.8
GE 5000	47.4	48.9	52.2	57.3	60.6	63.1	64.7	67.8	68.8	69.3	70.0	70.2	70.5	70.7	71.0	71.2
GE 4500	47.7	49.1	51.3	56.9	62.6	64.8	66.5	69.6	70.6	71.1	71.7	72.0	72.2	72.5	72.7	73.0
GE 4000	47.8	49.3	51.6	57.4	63.2	65.7	67.1	69.7	72.9	73.9	74.4	75.0	75.3	75.5	75.8	76.0
GE 3500	48.1	49.6	51.9	57.4	63.2	66.5	68.0	70.5	73.6	74.6	75.1	75.8	76.0	76.3	76.5	76.8
GE 3000	48.2	49.8	52.3	58.8	63.7	68.0	70.5	72.1	75.3	76.3	77.0	77.6	77.9	78.1	78.4	78.6
GE 2500	48.6	50.2	52.9	59.4	67.8	72.4	74.9	76.5	79.6	80.9	81.7	82.3	82.5	82.8	83.0	83.3
GE 2000	48.9	50.4	53.4	60.2	68.2	73.0	75.2	77.5	79.1	80.4	83.7	84.4	85.1	85.3	85.6	85.8
GE 1800	49.7	51.0	53.8	61.0	69.3	74.3	76.3	78.9	80.5	81.8	85.1	85.8	86.4	86.7	86.9	87.2
GE 1500	49.9	51.2	54.0	61.2	69.5	74.7	77.1	79.8	81.4	82.7	86.0	86.7	87.4	87.7	87.9	88.2
GE 1200	50.7	52.0	54.8	62.1	70.7	76.0	78.6	81.3	83.0	84.3	87.7	88.6	89.4	90.1	90.3	90.6
GE 1000	51.2	52.5	55.3	62.7	71.4	76.8	79.5	82.3	84.0	85.3	88.8	89.7	90.5	91.2	91.4	91.7
GE 900	51.4	52.7	55.5	63.0	71.7	77.1	79.8	82.6	84.3	85.6	89.1	90.0	90.8	91.5	91.7	92.0
GE 800	51.5	52.8	55.6	63.1	71.8	77.2	79.9	82.7	84.4	85.7	89.2	90.1	90.9	91.6	91.8	92.1
GE 700	51.6	52.9	55.7	63.2	71.9	77.3	80.0	82.8	84.5	85.8	89.3	90.2	91.0	91.7	91.9	92.2
GE 600	51.7	53.0	55.8	63.3	72.0	77.4	80.1	82.9	84.6	85.9	89.4	90.3	91.1	91.8	92.0	92.3
GE 500	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4
GE 400	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4
GE 300	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4
GE 200	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4
GE 100	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4
GE 0	51.8	53.1	55.9	63.4	72.1	77.5	80.2	83.0	84.7	86.0	89.5	90.4	91.2	91.9	92.1	92.4

TOTAL NUMBER OF OBSERVATIONS: 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN Feet	VISIBILITY IN HUNDREDS OF METERS															
	LT 50	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2	GE 1	GE 0
NO CEIL	27.6	28.9	22.1	24.3	25.8	27.6	28.8	31.3	31.9	32.9	33.5	33.9	34.8	35.2	35.4	35.8
GE 25000	27.6	29.5	26.3	26.5	30.3	32.3	33.5	36.2	36.9	37.9	38.6	38.9	39.9	40.3	40.6	41.0
GE 18000	27.6	29.6	26.4	29.0	30.8	32.8	34.0	36.7	37.4	38.4	39.1	39.4	40.5	40.8	41.1	41.5
GE 15000	27.6	29.6	26.4	29.0	30.8	32.8	34.0	36.7	37.4	38.4	39.1	39.4	40.5	40.8	41.1	41.5
GE 12000	27.6	29.8	26.6	29.3	31.0	33.3	34.7	37.3	38.1	39.1	39.7	40.1	41.1	41.5	41.7	42.1
GE 10000	27.6	29.9	29.0	31.7	33.4	35.7	37.1	39.9	40.7	41.7	42.3	42.7	43.7	44.1	44.3	44.7
GE 7000	27.6	29.9	31.5	34.3	36.1	38.6	40.1	43.0	43.7	44.7	45.4	45.7	46.7	47.1	47.4	47.7
GE 6000	27.6	29.8	31.9	34.7	36.4	39.1	40.6	43.5	44.2	45.2	45.9	46.2	47.2	47.6	47.9	48.2
GE 5000	27.6	30.3	32.4	35.2	36.9	39.6	41.1	44.0	44.7	45.7	46.4	46.7	47.7	48.1	48.4	48.7
GE 4000	27.6	30.7	32.8	35.7	37.4	40.1	41.6	44.5	45.2	46.2	46.9	47.2	48.2	48.6	48.9	49.2
GE 3000	27.6	31.4	34.5	37.7	39.6	42.3	43.8	46.7	47.5	48.5	49.1	49.5	50.5	50.9	51.1	51.5
GE 2500	27.6	34.7	37.2	40.8	43.1	46.2	47.9	51.0	52.0	53.1	53.8	54.1	55.2	55.5	55.8	56.2
GE 2000	27.6	36.4	39.1	43.0	45.2	48.4	50.0	53.1	54.1	55.3	55.9	56.3	57.3	57.7	57.9	58.3
GE 1800	27.6	39.3	42.0	46.1	48.5	51.6	53.3	56.4	57.4	58.5	59.2	59.5	60.6	60.9	61.2	61.6
GE 1600	27.6	40.6	43.5	47.6	50.0	53.6	55.3	58.4	59.4	60.6	61.2	61.6	62.6	62.9	63.2	63.6
GE 1400	27.6	42.2	45.2	49.7	52.1	55.8	57.4	60.9	61.9	63.1	63.7	64.1	65.1	65.5	65.7	66.1
GE 1200	31.2	43.6	46.7	51.3	53.9	57.4	59.0	62.6	63.6	64.7	65.3	65.7	66.7	67.1	67.3	67.7
GE 1000	32.9	45.2	48.5	54.3	56.7	60.7	62.3	66.0	67.0	68.1	68.7	69.1	70.1	70.5	70.7	71.1
GE 900	33.1	45.9	49.7	54.9	57.4	61.4	63.1	66.7	67.7	68.8	69.5	69.8	70.9	71.2	71.5	71.9
GE 800	33.4	47.1	51.1	56.3	59.0	63.2	64.8	68.5	69.5	70.6	71.2	71.6	72.6	73.0	73.2	73.6
GE 700	34.6	49.6	53.9	59.5	62.6	67.1	68.7	72.5	73.5	74.9	75.5	75.9	76.9	77.3	77.5	77.9
GE 600	34.7	51.5	55.9	61.7	64.9	69.3	71.4	75.1	76.3	77.6	78.3	78.6	79.6	80.0	80.3	80.7
GE 500	35.7	52.9	57.3	63.4	66.7	71.1	73.2	77.0	78.1	79.5	80.2	80.5	81.5	81.9	82.2	82.5
GE 450	35.8	54.0	58.5	64.8	68.2	72.7	74.9	78.8	80.0	81.9	82.5	82.9	83.9	84.3	84.5	84.9
GE 400	36.1	55.6	59.7	66.1	69.7	74.6	76.9	81.0	82.4	84.2	84.9	85.2	86.2	86.6	86.8	87.2
GE 350	36.7	56.6	60.8	67.6	71.5	76.4	78.5	82.8	84.3	86.1	86.7	87.1	88.1	88.4	88.7	89.1
GE 300	36.9	58.5	61.3	68.5	72.7	76.8	80.3	85.1	86.7	88.7	89.3	89.7	90.7	91.1	91.3	91.7
GE 250	37.4	58.8	61.9	69.3	73.9	78.9	82.2	87.4	89.2	91.2	91.8	92.2	93.2	93.6	93.8	94.2
GE 200	37.5	58.8	61.9	69.3	74.1	79.1	82.5	87.9	89.8	91.8	92.5	92.8	93.8	94.2	94.5	94.8
GE 150	37.6	58.8	61.9	69.5	74.1	79.4	82.8	88.4	90.3	92.6	93.2	93.6	94.7	95.1	95.4	95.7
GE 100	37.6	58.8	61.9	69.5	74.1	79.4	82.8	88.4	90.5	92.8	93.6	94.2	95.6	96.2	96.6	97.0
GE 0	37.6	58.8	61.9	69.5	74.1	79.4	82.8	88.4	90.5	92.8	93.6	94.5	96.0	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	TOT	GE 50	GE 40	GE 30	GE 25	GE 20	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
GE CEIL	11.7	14.4	15.4	17.4	18.7	19.0	19.7	22.1	23.2	24.2	24.5	24.7	25.2	26.1	26.2	27.4
GE 22000	17.2	23.0	24.2	26.4	27.5	28.6	29.4	32.5	33.8	35.2	35.4	35.9	36.7	38.0	38.5	40.0
GE 10000	17.2	23.0	24.2	26.4	27.5	28.6	29.4	32.5	33.8	35.2	35.4	35.9	36.7	38.0	38.5	40.0
GE 7000	17.2	23.0	24.5	26.6	27.7	28.9	29.6	32.6	34.0	35.4	35.7	36.2	36.9	38.2	38.7	40.2
GE 5000	17.7	24.2	25.5	27.6	28.9	30.3	31.1	34.3	35.7	37.1	37.3	37.8	38.7	40.0	40.5	42.0
GE 3000	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 2000	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 1500	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 1000	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 800	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 600	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 400	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 300	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 200	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 150	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 100	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5
GE 0	17.7	24.4	25.8	28.0	29.3	30.7	31.4	34.8	36.2	37.5	37.8	38.3	39.2	40.5	41.0	42.5

TOTAL NUMBER OF OBSERVATIONS: 7x2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 50	GE 40	GE 30	GE 20	GE 12	GE 8	GE 4	GE 2	GE 1	GE 0					
NO CEIL	19.7	17.1	18.3	19.4	20.5	21.0	21.4	21.6	22.2	22.7	22.7	22.7	22.8	22.8	22.8	22.8
GE [illegible]	21.7	27.4	28.9	30.8	32.0	32.8	33.2	33.5	34.0	34.8	34.8	34.8	34.9	34.9	34.9	34.9
GE [illegible]	21.8	27.5	29.0	30.9	32.2	32.9	33.3	33.7	34.2	34.9	34.9	34.9	35.0	35.0	35.0	35.0
GE [illegible]	21.9	27.8	29.3	31.2	32.4	33.2	33.5	33.9	34.4	35.2	35.2	35.2	35.3	35.3	35.3	35.3
GE [illegible]	22.4	28.4	30.0	32.0	33.3	34.0	34.4	34.8	35.3	36.0	36.0	36.0	36.2	36.2	36.2	36.2
GE [illegible]	23.7	30.4	32.2	34.2	35.4	36.2	36.7	37.0	37.5	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE [illegible]	27.7	34.8	36.6	38.7	39.9	40.7	41.2	41.8	42.3	43.1	43.1	43.1	43.2	43.2	43.2	43.2
GE [illegible]	28.2	35.8	37.7	39.9	41.4	42.3	42.8	43.4	43.9	44.7	44.7	44.7	44.8	44.8	44.8	44.8
GE [illegible]	28.7	36.3	38.2	40.4	42.3	43.3	43.9	44.7	45.2	45.9	45.9	45.9	46.1	46.1	46.1	46.1
GE [illegible]	28.7	36.3	38.2	40.4	42.3	43.3	43.9	44.7	45.2	45.9	45.9	45.9	46.1	46.1	46.1	46.1
GE [illegible]	29.7	37.8	39.7	41.9	43.8	44.8	45.4	46.2	46.7	47.4	47.4	47.4	47.6	47.6	47.6	47.6
GE [illegible]	32.7	40.7	42.6	45.2	47.3	48.4	49.4	50.2	50.7	51.4	51.4	51.4	51.6	51.6	51.6	51.6
GE [illegible]	33.2	41.2	43.2	45.2	47.9	50.1	51.2	52.2	52.9	53.4	54.2	54.2	54.2	54.3	54.3	54.3
GE [illegible]	34.7	42.7	45.9	47.9	50.9	53.1	54.3	55.4	56.2	56.7	57.4	57.4	57.4	57.6	57.6	57.6
GE [illegible]	37.3	45.3	47.3	49.3	52.4	54.7	56.9	57.1	57.8	58.4	59.2	59.2	59.2	59.3	59.3	59.3
GE [illegible]	38.2	46.2	49.2	51.2	54.6	57.2	58.4	59.6	60.3	61.0	61.7	61.7	61.7	61.8	61.8	61.8
GE [illegible]	42.7	51.8	53.8	55.8	59.2	62.3	63.6	64.7	65.5	66.1	66.8	66.8	66.8	67.0	67.0	67.0
GE [illegible]	43.2	52.3	54.3	56.3	59.7	62.8	64.1	65.2	66.0	66.7	67.5	68.6	69.8	70.6	71.3	72.1
GE [illegible]	43.8	53.1	55.1	57.1	60.6	63.8	65.1	66.2	67.0	67.7	68.5	69.6	70.8	71.6	72.3	73.1
GE [illegible]	44.7	54.0	56.0	58.0	61.5	64.7	66.0	67.1	67.9	68.6	69.4	70.5	71.7	72.5	73.2	74.0
GE [illegible]	45.2	54.5	56.5	58.5	62.0	65.2	66.5	67.6	68.4	69.1	69.9	71.0	72.2	73.0	73.7	74.5
GE [illegible]	46.2	55.5	57.5	59.5	63.0	66.2	67.5	68.6	69.4	70.1	70.9	72.0	73.2	74.0	74.7	75.5
GE [illegible]	46.7	56.0	58.0	60.0	63.5	66.7	68.0	69.1	69.9	70.6	71.4	72.5	73.7	74.5	75.2	76.0
GE [illegible]	47.2	56.5	58.5	60.5	64.0	67.2	68.5	69.6	70.4	71.1	71.9	73.0	74.2	75.0	75.7	76.5
GE [illegible]	47.7	57.0	59.0	61.0	64.5	67.7	69.0	70.1	70.9	71.6	72.4	73.5	74.7	75.5	76.2	77.0
GE [illegible]	48.2	57.5	59.5	61.5	65.0	68.2	69.5	70.6	71.4	72.1	72.9	74.0	75.2	76.0	76.7	77.5
GE [illegible]	48.7	58.0	60.0	62.0	65.5	68.7	70.0	71.1	71.9	72.6	73.4	74.5	75.7	76.5	77.2	78.0
GE [illegible]	49.2	58.5	60.5	62.5	66.0	69.2	70.5	71.6	72.4	73.1	73.9	75.0	76.2	77.0	77.7	78.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03940 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 20	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.4	18.9	19.1	19.9	20.5	20.8	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 20000	24.1	31.5	31.8	32.6	33.4	33.8	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 15000	24.1	31.5	31.8	32.6	33.4	33.8	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 10000	24.2	31.9	32.1	33.0	33.8	34.1	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 7000	24.6	32.3	32.5	33.4	34.1	34.5	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 5000	24.6	34.5	34.8	35.6	36.4	36.8	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 3500	35.6	39.4	39.6	40.5	41.4	41.8	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 3000	37.3	40.1	40.5	41.5	42.4	42.8	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 2500	37.3	40.1	40.5	41.8	42.6	43.1	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 2000	38.3	41.1	41.5	41.8	42.6	43.1	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1800	39.9	42.8	42.4	43.6	44.5	45.0	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 1500	46.1	48.0	48.4	49.9	51.1	51.6	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 1200	47.3	52.5	52.9	54.4	55.6	56.1	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	48.9	57.9	58.4	59.9	61.1	61.6	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 900	49.7	60.9	61.4	62.9	64.1	64.6	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 800	53.9	65.9	66.4	68.0	69.3	69.8	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 700	59.4	71.6	72.1	73.8	75.0	75.5	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 600	67.4	74.3	76.8	80.5	81.9	82.4	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 500	69.5	78.3	80.8	82.5	84.1	84.6	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 400	69.7	84.3	86.9	88.6	89.5	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 300	87.2	97.1	97.9	98.8	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 250	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 150	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 70	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 30	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 10	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	87.7	98.4	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	20.9	21.5	22.4	23.5	24.4	24.6	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 25000	29.4	36.1	37.2	38.4	39.7	40.2	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 20000	29.6	36.2	37.4	38.7	39.9	40.4	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	29.9	36.7	37.8	39.1	40.3	40.8	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 14000	30.8	37.9	39.1	40.3	41.5	42.0	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 12000	31.7	41.5	42.7	43.9	45.1	45.6	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 10000	37.4	45.8	46.9	46.3	49.8	50.4	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 9000	37.6	48.3	49.4	51.1	52.6	53.2	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	39.6	48.3	49.4	51.1	52.7	53.4	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 7000	39.7	48.4	49.5	51.2	52.9	53.5	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	41.4	50.4	51.5	53.7	55.5	56.1	56.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	46.1	57.0	58.3	60.7	62.4	63.1	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4500	53.9	62.4	63.8	66.2	67.9	68.5	68.8	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4000	54.1	66.5	67.9	70.3	72.0	72.6	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	56.5	69.0	70.4	72.8	74.5	75.1	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	59.3	72.5	73.9	76.2	78.1	78.9	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	61.6	75.6	77.1	79.5	81.3	82.1	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2200	63.4	76.9	80.5	83.1	85.1	85.9	86.4	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	63.7	80.3	82.0	84.6	86.7	87.7	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	64.4	82.3	84.2	86.9	89.2	90.4	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	66.0	85.1	86.9	89.7	92.0	93.4	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	66.4	86.2	88.3	91.2	93.5	95.0	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	66.5	86.9	89.1	91.8	94.4	95.9	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	66.5	86.9	89.2	92.2	94.8	96.3	97.0	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	66.5	86.9	89.3	92.5	95.1	96.6	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	66.5	86.9	89.3	92.5	95.1	96.9	98.1	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	66.5	87.1	89.6	92.6	95.5	97.3	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.5	87.1	89.6	92.6	95.5	97.3	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	66.5	87.1	89.6	92.8	95.6	97.4	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.5	87.1	89.6	92.8	95.5	97.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03690 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.8	25.1	26.4	28.4	30.0	30.9	31.9	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 25000	37.4	36.4	40.3	42.6	44.6	45.7	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	38.5	39.6	43.5	42.7	44.7	45.9	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	38.5	39.6	43.5	42.7	44.7	45.9	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000	41.3	39.7	41.6	43.8	46.0	47.1	48.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	43.5	42.3	44.2	46.5	48.6	49.7	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 10000	47.4	46.7	48.6	50.9	53.0	54.3	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	47.9	47.7	49.7	52.1	54.6	55.9	57.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	48.1	48.0	50.0	52.4	54.9	56.2	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	48.2	48.1	50.1	52.5	55.0	56.3	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	49.3	50.0	52.0	54.4	57.0	58.4	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 5000	53.0	54.1	56.2	58.7	61.3	62.7	64.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 4000	55.6	58.0	60.3	62.9	65.6	67.0	68.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	58.0	61.6	63.9	67.1	69.7	71.1	72.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	59.1	63.1	65.5	68.6	71.2	72.6	74.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
GE 2500	61.5	66.3	68.7	71.9	74.5	75.9	77.4	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 2200	63.5	69.2	71.9	75.1	77.8	79.1	80.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	64.6	71.5	74.5	78.0	80.7	82.7	84.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800	64.9	71.7	74.7	78.4	81.0	83.0	84.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1600	65.9	74.2	77.4	81.0	83.8	86.1	88.1	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1400	66.5	76.4	80.3	84.3	87.1	89.6	91.6	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3
GE 1200	67.2	76.9	80.8	85.1	88.1	90.7	92.7	94.0	94.2	94.3	94.6	94.7	94.7	94.7	94.7	94.7
GE 1000	67.3	77.3	81.2	85.4	88.4	91.1	93.1	94.3	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1
GE 900	67.4	77.9	81.9	86.3	89.3	92.1	94.1	95.4	95.6	95.7	96.0	96.1	96.1	96.1	96.1	96.1
GE 800	67.4	78.9	82.5	87.6	90.6	93.6	95.7	97.0	97.2	97.4	97.7	97.9	97.9	97.9	97.9	97.9
GE 700	67.4	79.9	82.9	87.7	90.8	93.8	96.1	97.6	97.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5
GE 600	67.4	79.1	83.2	88.1	91.5	94.5	96.9	98.4	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4
GE 500	67.4	79.1	83.4	88.3	91.7	94.8	97.2	98.7	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9
GE 400	67.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	67.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	67.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	67.4	79.1	83.4	88.3	91.8	95.0	97.4	98.9	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03695 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ALL	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	[illegible]	34.6	31.8	35.7	37.8	38.6	39.4	40.7	41.0	41.3	41.6	41.7	41.7	41.7	41.7	41.7
GE [illegible]	[illegible]	36.7	39.3	43.7	46.2	47.2	48.0	49.5	49.7	50.1	50.4	50.5	50.5	50.5	50.5	50.5
GE [illegible]	[illegible]	36.7	39.3	43.7	46.2	47.2	48.0	49.5	49.7	50.1	50.4	50.5	50.5	50.5	50.5	50.5
GE 10 00	[illegible]	36.7	39.3	43.7	46.2	47.2	48.0	49.5	49.7	50.1	50.4	50.5	50.5	50.5	50.5	50.5
GE 14 00	[illegible]	36.8	39.4	43.8	46.5	47.5	48.4	49.9	50.1	50.5	50.8	50.9	50.9	50.9	50.9	50.9
GE 18 00	[illegible]	39.2	41.6	46.4	49.0	50.0	50.9	52.4	52.6	53.0	53.3	53.4	53.4	53.4	53.4	53.4
GE 22 00	[illegible]	42.2	45.0	49.5	52.1	53.1	54.1	55.7	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7
GE [illegible]	[illegible]	43.7	46.5	51.0	53.6	54.6	55.7	57.2	57.4	57.8	58.0	58.2	58.2	58.2	58.2	58.2
GE [illegible]	[illegible]	44.1	47.1	51.5	54.1	55.2	56.2	57.7	57.9	58.3	58.5	58.7	58.7	58.7	58.7	58.7
GE 7 00	[illegible]	45.8	48.7	52.5	55.2	56.2	57.2	58.7	58.9	59.3	59.5	59.7	59.7	59.7	59.7	59.7
GE [illegible]	[illegible]	46.6	49.7	54.3	57.7	58.7	59.7	61.3	61.6	61.9	62.2	62.3	62.3	62.3	62.3	62.3
GE [illegible]	[illegible]	49.7	53.0	58.2	61.8	62.8	63.8	65.8	66.2	66.6	66.8	67.0	67.0	67.0	67.0	67.0
GE [illegible]	[illegible]	52.4	55.7	60.6	64.4	65.5	66.5	68.5	68.8	69.2	69.5	69.6	69.6	69.6	69.6	69.6
GE 4 00	[illegible]	55.5	59.0	64.4	68.2	69.2	70.2	72.2	72.7	73.1	73.4	73.5	73.5	73.5	73.5	73.5
GE [illegible]	[illegible]	57.0	60.6	66.1	69.8	70.9	71.9	73.9	74.4	74.7	75.0	75.1	75.1	75.1	75.1	75.1
GE [illegible]	[illegible]	59.3	63.1	68.6	72.5	73.5	74.5	76.5	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0
GE [illegible]	[illegible]	63.7	68.6	74.0	78.1	79.3	80.3	82.3	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8
GE [illegible]	[illegible]	64.6	70.1	75.6	79.8	81.0	82.0	84.0	84.7	85.1	85.4	85.5	85.5	85.5	85.5	85.5
GE [illegible]	[illegible]	65.7	71.7	77.1	81.4	82.4	83.4	85.4	86.2	86.5	86.8	86.9	86.9	86.9	86.9	86.9
GE [illegible]	[illegible]	66.5	72.6	78.4	82.7	83.7	84.7	86.7	87.5	87.8	88.1	88.2	88.2	88.2	88.2	88.2
GE 15 00	[illegible]	68.2	74.5	80.5	84.8	85.8	86.8	88.8	89.6	89.9	90.2	90.3	90.3	90.3	90.3	90.3
GE [illegible]	[illegible]	69.2	75.6	81.9	86.4	87.4	88.4	90.4	91.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9
GE [illegible]	[illegible]	71.1	77.6	83.9	88.4	89.4	90.4	92.4	93.2	93.5	93.8	93.9	93.9	93.9	93.9	93.9
GE [illegible]	[illegible]	73.7	80.8	85.1	90.7	91.7	92.8	94.8	95.6	95.9	96.2	96.3	96.3	96.3	96.3	96.3
GE [illegible]	[illegible]	74.2	81.3	86.6	92.2	93.4	94.0	96.0	96.7	97.1	97.3	97.5	97.6	97.6	97.6	97.6
GE [illegible]	[illegible]	74.4	81.9	86.9	92.6	93.7	94.5	96.6	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.1
GE [illegible]	[illegible]	74.8	82.5	87.6	93.3	94.6	95.6	97.8	98.4	98.8	99.0	99.2	99.3	99.3	99.3	99.3
GE [illegible]	[illegible]	75.6	83.3	88.6	94.3	95.6	96.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.2	84.3	89.7	95.4	96.7	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.5	84.7	90.2	96.1	97.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.6	84.8	90.3	96.2	97.4	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE [illegible]	[illegible]	76.6	84.8	90.3	96.2	97.4	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40	GE 50
60 CEIL	19.6	21.9	23.1	25.6	26.5	27.4	29.1	29.2	29.6	30.0	30.3	30.4	30.6	30.8	30.9	31.1
GE 2	24.7	31.2	32.7	34.9	36.6	37.6	38.6	39.9	40.4	40.9	41.1	41.3	41.5	41.8	41.9	42.2
GE 2	24.8	31.2	32.7	35.0	36.8	37.9	38.7	40.0	40.5	41.0	41.3	41.4	41.7	41.9	42.0	42.3
GE 1	24.1	31.4	32.9	35.2	36.9	38.0	39.0	40.2	40.7	41.2	41.4	41.6	41.8	42.1	42.2	42.4
GE 1	24.6	32.0	33.6	35.9	37.6	38.8	39.7	41.1	41.6	42.1	42.3	42.5	42.7	43.0	43.1	43.4
GE 1	25.6	34.5	36.2	38.6	40.4	41.6	42.5	43.9	44.4	45.0	45.2	45.3	45.6	45.8	46.0	46.2
GE	28.8	38.3	40.1	42.4	44.3	45.5	46.6	48.0	48.6	49.1	49.3	49.5	49.8	50.0	50.1	50.4
GE	30.7	39.4	41.2	43.7	45.6	46.9	48.0	49.4	50.0	50.5	50.7	50.9	51.2	51.4	51.6	51.8
GE	31.0	39.7	41.5	44.1	46.1	47.4	48.4	50.0	50.5	51.1	51.3	51.4	51.7	52.0	52.1	52.4
GE	31.2	40.0	41.8	44.4	46.3	47.7	48.7	50.3	50.8	51.3	51.6	51.7	52.0	52.3	52.4	52.6
GE	32.0	41.6	43.5	46.2	48.4	49.7	50.8	52.4	52.9	53.4	53.7	53.8	54.1	54.4	54.5	54.7
GE	37.7	46.5	47.5	50.6	52.9	54.4	55.5	57.3	57.9	58.5	58.7	58.9	59.2	59.4	59.5	59.8
GE	37.8	48.4	50.4	53.6	55.8	57.4	58.5	60.3	60.9	61.5	61.7	61.9	62.2	62.4	62.5	62.8
GE	39.9	51.5	53.7	57.0	59.3	60.8	62.0	63.8	64.4	65.0	65.3	65.5	65.7	66.0	66.1	66.4
GE	41.1	53.1	55.3	58.7	61.0	62.6	63.8	65.5	66.2	66.8	67.1	67.2	67.5	67.8	67.9	68.2
GE	42.7	55.6	58.1	61.6	64.1	65.7	66.9	68.8	69.5	70.0	70.3	70.5	70.8	71.0	71.1	71.4
GE	45.7	58.5	60.8	64.4	67.0	68.7	69.9	71.8	72.5	73.0	73.3	73.5	73.8	74.0	74.1	74.4
GE	47.1	61.4	64.1	68.0	70.7	72.5	73.8	75.6	76.5	77.1	77.4	77.5	77.8	78.1	78.2	78.5
GE	47.6	62.6	65.3	69.3	72.1	73.9	75.3	77.2	77.9	78.5	78.8	79.0	79.3	79.5	79.6	79.9
GE	47.8	64.9	67.7	71.7	74.7	76.6	78.0	79.9	80.7	81.3	81.6	81.8	82.1	82.4	82.5	82.7
GE	48.5	67.8	70.8	75.2	78.3	80.4	81.8	83.9	84.6	85.3	85.6	85.8	86.1	86.3	86.5	86.7
GE	51.0	69.2	72.4	77.1	80.5	82.6	84.1	86.2	87.1	87.8	88.1	88.3	88.6	88.8	88.9	89.2
GE	51.4	70.0	73.3	78.1	81.6	83.8	85.3	87.4	88.3	89.0	89.3	89.5	89.8	90.0	90.2	90.4
GE	51.7	70.6	74.0	79.0	82.7	84.9	86.5	88.6	89.6	90.4	90.7	90.9	91.2	91.4	91.6	91.8
GE	51.9	71.0	74.9	80.0	83.9	86.2	87.9	90.2	91.1	91.9	92.2	92.4	92.7	92.9	93.1	93.3
GE	52.0	71.6	75.2	80.6	84.6	87.0	89.0	91.5	92.4	93.2	93.6	93.8	94.1	94.3	94.4	94.7
GE	52.9	71.8	75.5	81.1	85.2	87.6	89.7	92.2	93.2	94.0	94.5	94.9	95.1	95.4	95.6	95.8
GE	53.0	71.9	75.8	81.5	85.8	88.2	90.3	92.9	93.9	94.8	95.2	95.4	96.4	96.7	97.0	97.1
GE	53.0	72.0	75.8	81.6	86.1	88.5	90.7	93.2	94.2	95.0	95.6	96.0	96.9	97.1	97.4	97.7
GE	53.0	72.0	75.9	81.6	86.1	88.6	90.8	93.3	94.3	95.2	95.9	96.2	97.3	97.6	97.9	98.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	TOT	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	25.-	23.3	25.2	27.9	29.9	30.6	31.1	31.9	32.5	33.2	33.3	33.3	33.8	33.9	34.4	35.9
GE 15000	33.1	27.6	29.9	33.1	35.9	36.7	37.2	38.1	38.7	39.4	39.6	39.6	40.0	40.2	40.6	42.1
GE 10000	34.1	28.1	30.1	33.3	36.1	36.9	37.4	38.4	39.0	39.7	39.8	39.8	40.3	40.4	40.9	42.3
GE 7000	34.1	28.1	30.1	33.3	36.1	36.9	37.4	38.4	39.0	39.7	39.8	39.8	40.3	40.4	40.9	42.3
GE 5000	34.7	28.8	30.8	34.1	36.8	37.6	38.1	39.1	39.7	40.4	40.5	40.5	41.0	41.1	41.6	43.0
GE 3000	35.5	30.0	32.0	35.7	38.8	39.9	40.4	41.4	42.0	42.7	42.8	42.8	43.3	43.4	43.9	45.3
GE 2000	41.1	32.4	34.4	38.2	41.4	42.4	42.9	44.1	44.7	45.4	45.6	45.6	46.0	46.2	46.6	48.1
GE 1500	42.2	33.0	35.2	39.3	42.6	43.6	44.1	45.4	46.0	46.8	46.9	46.9	47.4	47.5	48.0	49.4
GE 1000	42.7	33.2	35.5	39.8	43.0	44.1	44.6	45.9	46.5	47.2	47.4	47.4	47.8	48.0	48.4	49.9
GE 700	43.7	33.7	36.5	40.9	44.2	45.3	45.8	47.1	47.7	48.4	48.6	48.6	49.0	49.2	49.6	51.1
GE 500	45.6	34.8	37.5	42.2	45.8	46.9	47.5	48.8	49.4	50.1	50.2	50.2	50.7	50.8	51.3	52.8
GE 400	46.1	37.3	40.2	45.2	49.3	50.7	51.3	52.8	53.4	54.1	54.2	54.2	54.8	54.9	55.4	56.8
GE 300	47.1	38.6	41.5	46.5	50.6	52.0	52.8	54.2	54.8	55.5	55.6	55.6	56.2	56.4	56.8	58.3
GE 200	49.4	40.5	44.0	49.3	53.4	54.8	55.5	57.0	57.7	58.4	58.5	58.5	59.1	59.2	59.7	61.2
GE 150	50.7	42.2	45.6	51.0	55.6	57.1	57.9	59.4	60.1	60.8	60.9	60.9	61.5	61.6	62.1	63.5
GE 100	52.7	43.6	47.7	53.5	57.7	59.1	60.1	61.6	62.5	63.2	63.3	63.3	63.9	64.0	64.5	65.9
GE 70	54.5	45.9	50.1	56.1	60.6	62.4	63.3	65.1	65.8	66.5	66.7	66.7	67.3	67.4	67.9	69.3
GE 50	55.1	48.6	53.1	59.5	64.5	66.4	67.7	70.1	71.0	71.7	71.8	71.8	72.4	72.5	73.0	74.5
GE 40	56.7	49.9	53.9	60.6	66.1	67.9	69.2	71.6	72.5	73.3	73.4	73.4	74.0	74.1	74.7	76.1
GE 30	58.1	51.4	55.4	62.7	69.2	70.4	71.7	74.3	75.3	76.0	76.1	76.1	76.7	76.9	77.5	78.9
GE 20	58.3	51.9	57.2	65.0	71.2	73.5	74.9	77.8	79.0	79.9	80.0	80.0	80.6	80.7	81.3	82.7
GE 15	59.2	53.4	59.4	67.6	74.0	76.3	77.7	80.7	81.9	82.7	82.9	82.9	83.5	83.6	84.2	85.6
GE 10	60.1	54.4	60.4	68.8	75.3	77.6	79.0	82.0	83.3	84.2	84.3	84.3	84.9	85.0	85.6	87.1
GE 7	60.3	54.9	61.2	69.7	76.1	78.7	80.1	83.1	84.4	85.3	85.4	85.4	86.0	86.1	86.7	88.1
GE 5	60.5	55.9	62.1	70.7	77.3	79.9	81.3	84.4	86.0	86.8	86.9	86.9	87.5	87.6	88.2	89.7
GE 4	60.6	56.8	63.1	72.1	78.7	81.7	83.2	86.6	88.1	89.0	89.1	89.1	89.7	89.8	90.4	91.8
GE 3	61.0	57.7	63.9	72.9	80.0	83.0	84.7	88.5	90.1	90.9	91.0	91.0	91.6	91.7	92.3	93.8
GE 2	61.1	58.1	64.5	73.6	80.9	83.9	86.0	90.2	91.7	92.6	92.8	92.8	93.5	93.6	94.2	95.7
GE 1	61.1	58.2	64.5	73.7	81.1	84.1	86.2	90.5	92.2	93.1	93.3	93.3	94.1	94.2	94.8	96.3
GE 0	61.1	58.2	64.5	73.7	81.1	84.2	86.3	90.9	92.7	94.0	94.4	94.4	95.2	95.3	95.9	97.4
VE	61.1	58.2	64.5	73.7	81.1	84.2	86.3	91.0	92.9	94.2	94.6	94.6	95.4	95.7	96.3	98.4
VP	61.1	58.2	64.5	73.7	81.1	84.2	86.3	91.0	92.9	94.2	94.6	94.6	95.6	96.2	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS															
		GE 50	GE 40	GE 30	GE 24	GE 20	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
50 CEIL	24.7	20.3	22.0	24.6	26.1	27.1	27.3	29.1	29.2	29.9	30.0	30.3	30.4	31.1	31.6	32.9
GE 2000	25.7	24.1	26.1	29.1	31.5	32.7	32.8	34.6	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1
GE 1800	25.7	24.1	26.1	29.1	31.5	32.7	32.8	34.8	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1
GE 1600	25.7	24.1	26.1	29.1	31.5	32.7	32.8	34.6	34.9	35.7	35.8	36.0	36.4	37.2	37.7	39.1
GE 1400	25.8	24.4	26.2	29.3	31.7	32.9	33.0	35.1	35.2	35.9	36.0	36.3	36.6	37.5	37.9	39.4
GE 1200	27.9	25.7	27.6	30.9	33.5	34.7	35.1	37.1	37.2	37.9	38.1	38.3	38.7	39.5	40.0	41.4
GE 1000	29.2	27.4	29.3	32.9	35.7	37.1	37.5	39.5	39.6	40.3	40.5	40.7	41.2	42.4	42.9	44.3
GE 900	29.7	27.9	29.8	33.5	36.3	37.7	38.1	40.1	40.2	40.9	41.1	41.3	41.8	43.0	43.5	44.9
GE 800	29.8	28.6	30.5	34.2	37.0	38.4	38.8	40.8	40.9	41.9	42.0	42.3	42.7	43.9	44.4	45.9
GE 700	29.9	29.3	31.3	35.1	37.8	39.3	39.6	41.7	41.8	42.7	42.9	43.1	43.6	44.8	45.3	46.7
GE 600	30.1	29.8	31.9	35.7	39.0	40.6	40.9	43.1	43.2	44.2	44.3	44.5	45.0	46.2	46.7	48.1
GE 500	32.5	33.4	35.8	39.6	43.1	45.5	45.9	48.1	48.4	49.6	49.8	50.1	50.7	51.9	52.3	53.8
GE 450	33.8	34.7	37.1	41.1	44.5	47.1	47.4	49.7	49.9	51.1	51.4	51.6	52.2	53.4	53.9	55.3
GE 400	34.4	36.2	38.4	42.4	45.9	48.4	48.9	51.1	51.4	52.6	52.8	53.1	53.7	54.9	55.3	56.8
GE 350	34.8	36.9	39.3	43.6	47.1	49.6	50.1	52.3	52.6	53.8	54.0	54.3	54.9	56.1	56.5	58.0
GE 300	36.0	38.5	41.3	45.7	49.3	51.9	52.3	55.0	55.2	56.4	56.7	56.9	57.5	58.7	59.2	60.6
GE 250	37.8	40.6	43.6	48.3	52.3	55.1	55.8	58.7	58.9	60.1	60.4	60.6	61.2	62.4	62.9	64.3
GE 200	39.0	42.4	46.1	51.5	55.7	58.5	59.3	62.9	63.1	64.5	64.7	64.9	65.5	66.7	67.2	68.7
GE 150	39.6	43.6	47.4	53.4	57.7	60.6	61.8	65.5	65.8	67.2	67.5	67.7	68.3	69.5	70.0	71.4
GE 100	40.1	45.7	49.7	55.9	60.5	63.5	64.8	68.6	69.3	70.7	71.0	71.2	71.8	73.0	73.5	74.9
GE 70	41.6	46.6	50.9	57.5	62.4	65.4	66.7	71.4	71.9	73.3	73.6	73.8	74.4	75.6	76.1	77.6
GE 50	42.0	47.9	52.5	59.3	64.5	67.6	68.9	73.6	73.9	75.6	75.9	76.1	76.7	77.9	78.4	79.8
GE 40	42.2	48.5	53.4	60.4	65.7	68.9	70.5	75.2	75.5	77.3	77.6	77.8	78.4	79.6	80.1	81.5
GE 30	42.3	49.1	54.9	62.1	67.5	70.7	72.4	77.4	77.9	79.7	80.0	80.2	80.8	82.0	82.5	83.9
GE 20	42.7	49.7	56.2	63.7	69.3	72.5	74.2	79.2	79.7	81.6	81.9	82.1	82.7	83.9	84.5	86.0
GE 10	42.9	51.9	57.1	64.8	70.5	73.9	75.8	80.8	81.4	83.4	83.7	83.9	84.6	86.3	86.6	88.0
GE 0	43.1	52.5	58.2	66.0	71.9	75.6	77.4	82.5	83.2	85.2	85.5	85.7	86.4	87.8	88.4	89.8
GE 0	43.1	52.8	58.6	66.6	72.5	76.4	78.2	83.7	84.4	86.4	86.7	86.9	87.6	89.0	89.6	91.0
GE 0	43.1	52.8	58.6	66.6	72.6	76.5	78.3	84.0	85.2	87.2	87.5	87.8	88.6	90.0	90.6	92.1
GE 0	43.1	52.8	58.6	66.6	72.6	76.5	78.3	84.3	85.4	87.6	88.1	88.4	89.2	90.8	91.4	92.9
GE 0	43.1	52.8	58.6	66.6	72.6	76.5	78.3	84.3	86.0	88.6	89.0	89.2	90.0	91.7	92.3	94.7
GE 0	43.1	52.8	58.6	66.6	72.6	76.5	78.3	84.3	86.1	88.8	89.4	89.7	90.6	93.0	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 833

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649? STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	11.7	15.0	15.7	17.4	18.3	18.9	19.3	20.4	20.7	21.2	21.6	22.0	22.3	22.6	22.8	24.2
GE [illegible]	17.0	21.4	23.5	26.5	27.9	29.0	29.7	31.4	31.7	32.3	32.7	33.3	33.5	34.0	34.1	35.6
GE [illegible]	19.1	21.7	23.7	26.7	28.1	29.2	29.9	31.6	32.0	32.6	32.9	33.5	33.8	34.3	34.4	35.8
GE [illegible]	19.1	21.7	23.7	26.7	28.1	29.2	29.9	31.6	32.0	32.6	32.9	33.5	33.8	34.3	34.4	35.8
GE [illegible]	19.6	22.3	24.3	27.3	28.7	29.8	30.5	32.2	32.7	33.3	33.7	34.3	34.5	35.0	35.1	36.5
GE [illegible]	19.6	23.8	26.0	29.0	30.4	31.5	32.2	33.9	34.4	35.0	35.3	35.9	36.2	36.6	36.8	38.2
GE [illegible]	19.7	27.7	29.9	33.2	34.6	35.8	36.5	38.2	38.9	39.5	39.9	40.6	40.8	41.3	41.4	43.0
GE [illegible]	19.9	28.3	30.5	33.9	35.3	36.5	37.2	38.9	39.5	40.2	40.6	41.3	41.6	42.4	42.5	44.1
GE [illegible]	19.9	28.3	30.5	33.9	35.3	36.5	37.2	39.0	39.6	40.4	40.7	41.4	41.7	42.6	42.8	44.3
GE [illegible]	20.6	29.8	31.3	34.6	36.2	37.2	38.0	39.8	40.4	41.1	41.4	42.2	42.4	43.4	43.5	45.0
GE [illegible]	20.7	29.1	31.4	34.7	36.4	37.6	38.4	40.5	41.1	41.8	42.2	42.9	43.1	44.1	44.2	45.7
GE [illegible]	22.5	32.8	33.3	37.0	38.9	40.4	41.2	43.6	44.2	45.0	45.5	46.2	46.6	47.5	47.7	49.2
GE [illegible]	23.4	32.0	34.5	38.2	40.1	41.9	42.8	45.1	45.7	46.6	47.2	47.9	48.5	49.5	49.6	51.1
GE [illegible]	23.4	32.9	35.4	39.3	41.4	42.5	44.3	46.6	47.5	48.4	49.0	49.7	50.3	51.3	51.4	53.1
GE [illegible]	23.5	33.5	36.0	39.9	42.0	44.1	45.0	47.5	48.4	49.2	49.8	50.5	51.1	52.1	52.2	53.9
GE [illegible]	24.6	35.9	38.6	42.8	45.0	47.1	48.1	50.7	51.6	52.5	53.1	53.8	54.4	55.3	55.4	57.2
GE [illegible]	27.7	38.0	40.8	45.4	48.3	50.3	51.5	54.3	55.4	56.3	56.9	57.6	58.2	59.2	59.3	61.1
GE [illegible]	27.6	39.9	43.4	48.4	51.6	53.8	55.3	58.4	59.8	60.8	61.6	62.3	62.9	64.0	64.1	65.9
GE [illegible]	28.7	41.4	43.8	49.1	52.7	54.5	56.2	59.5	61.2	62.4	63.1	63.8	64.4	65.6	65.7	67.5
GE [illegible]	27.9	42.2	46.1	51.7	55.1	57.2	59.2	62.9	64.7	65.9	66.6	67.3	67.9	69.1	69.2	71.0
GE [illegible]	29.2	44.6	49.1	55.1	58.9	61.1	63.1	67.3	69.1	70.4	71.1	71.9	72.5	73.7	73.8	75.6
GE [illegible]	30.5	45.9	50.6	57.5	61.3	63.6	65.7	69.9	71.7	73.1	73.8	74.5	75.1	76.3	76.5	78.3
GE [illegible]	30.5	46.3	51.4	58.1	62.3	64.9	67.1	71.5	73.4	75.0	75.7	76.5	77.1	78.3	78.6	80.4
GE [illegible]	30.7	44.3	53.4	60.6	65.1	67.8	70.1	74.6	76.5	78.1	78.9	79.6	80.2	81.4	81.7	83.6
GE [illegible]	30.8	48.7	54.1	61.8	66.2	69.3	71.7	76.3	78.3	79.9	80.6	81.4	82.0	83.2	83.5	85.5
GE [illegible]	31.0	49.2	54.9	62.6	67.2	70.4	72.9	77.6	79.8	81.3	82.0	83.0	83.6	84.9	85.1	87.2
GE [illegible]	31.7	49.5	55.1	63.0	67.7	71.1	74.0	78.8	81.1	82.8	83.5	84.4	85.0	86.5	86.7	88.7
GE [illegible]	31.7	49.5	55.1	63.4	68.3	72.6	75.1	80.0	82.3	84.0	84.8	85.7	86.5	88.1	88.4	90.4
GE [illegible]	31.8	49.6	55.2	63.6	68.5	72.8	75.8	81.0	83.1	84.9	85.7	86.7	87.4	89.2	89.5	91.5
GE [illegible]	31.7	49.6	55.2	63.6	68.5	72.5	76.2	81.7	84.2	86.3	87.3	88.4	89.2	91.0	91.3	93.3
GE [illegible]	31.7	49.6	55.2	63.6	68.5	72.5	76.2	81.7	84.2	86.3	87.4	88.5	89.3	91.1	91.4	93.9
GE [illegible]	31.7	49.6	55.2	63.6	68.5	72.5	76.2	81.7	84.2	86.3	87.5	88.6	89.5	91.5	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS															
		GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 8	GE 7	GE 6
NO CEIL	[illegible]	16.7	17.6	19.2	20.2	20.7	21.0	21.7	22.1	22.2	22.3	22.5	22.6	22.8	23.1	23.3	
GE [illegible]	[illegible]	28.3	29.6	31.6	32.9	33.7	34.1	34.8	35.1	35.3	35.4	35.5	35.7	36.0	36.2	36.5	
GE [illegible]	[illegible]	28.3	29.6	31.6	32.9	33.7	34.1	34.8	35.1	35.3	35.4	35.5	35.7	36.0	36.2	36.5	
GE [illegible]	[illegible]	28.3	29.6	31.6	32.9	33.7	34.1	34.8	35.1	35.3	35.4	35.5	35.7	36.0	36.2	36.5	
GE [illegible]	[illegible]	29.2	30.6	32.6	33.8	34.7	35.2	35.7	36.1	36.2	36.4	36.5	36.7	37.0	37.2	37.4	
GE [illegible]	[illegible]	32.1	33.6	35.9	37.2	38.0	38.4	39.3	39.6	39.7	39.9	40.0	40.2	40.5	40.7	40.9	
GE [illegible]	[illegible]	36.7	38.5	40.6	42.0	42.9	43.2	44.2	44.6	44.8	44.9	45.0	45.3	45.5	45.8	46.0	
GE [illegible]	[illegible]	37.9	39.7	42.0	43.5	44.4	44.8	45.6	46.1	46.5	46.6	46.7	47.0	47.2	47.5	47.7	
GE [illegible]	[illegible]	37.9	39.7	42.0	43.5	44.4	44.8	45.9	46.3	46.6	46.7	46.9	47.1	47.3	47.6	47.8	
GE [illegible]	[illegible]	38.2	40.0	42.3	43.7	44.7	45.0	46.1	46.5	46.9	47.0	47.1	47.3	47.6	47.8	48.1	
GE [illegible]	[illegible]	39.2	41.1	43.6	44.9	45.9	46.3	47.3	47.7	48.1	48.2	48.3	48.6	48.8	49.0	49.3	
GE [illegible]	[illegible]	43.0	45.3	47.8	48.9	49.9	50.3	51.4	51.8	52.1	52.2	52.4	52.7	52.9	53.2	53.4	
GE [illegible]	[illegible]	43.2	45.4	48.0	49.2	50.2	50.7	51.9	52.3	52.6	52.7	52.9	53.2	53.4	53.7	53.9	
GE [illegible]	[illegible]	43.2	45.4	48.0	49.2	50.2	50.7	51.9	52.3	52.6	52.7	52.9	53.2	53.4	53.7	53.9	
GE [illegible]	[illegible]	43.2	45.4	48.0	49.2	50.2	50.7	51.9	52.3	52.6	52.7	52.9	53.2	53.4	53.7	53.9	
GE [illegible]	[illegible]	44.2	46.4	49.4	51.4	52.4	52.9	54.1	54.5	55.0	55.1	55.2	55.6	55.8	56.0	56.4	
GE [illegible]	[illegible]	45.5	47.7	51.0	53.1	54.6	55.2	56.4	57.1	57.6	57.7	57.9	58.2	58.6	58.8	59.2	
GE [illegible]	[illegible]	47.3	49.6	53.5	56.2	57.4	58.3	60.1	60.6	61.1	61.2	61.4	61.7	62.1	62.3	62.7	
GE [illegible]	[illegible]	50.7	53.3	57.2	60.5	61.6	62.3	65.3	65.8	66.3	66.4	66.5	66.9	67.3	67.5	67.9	
GE [illegible]	[illegible]	52.2	54.7	58.6	62.2	63.6	65.2	67.3	67.8	68.2	68.4	68.5	68.8	69.2	69.4	69.8	
GE [illegible]	[illegible]	54.7	57.6	62.2	65.8	67.4	69.0	71.1	71.7	72.3	72.5	72.6	72.9	73.3	73.6	73.9	
GE [illegible]	[illegible]	56.3	61.5	66.8	70.5	72.3	74.0	76.3	76.9	77.5	77.7	77.8	78.1	78.5	78.7	79.1	
GE [illegible]	[illegible]	58.7	62.9	68.2	72.2	74.4	76.1	78.4	79.2	79.8	79.7	79.8	80.2	80.6	80.8	81.2	
GE [illegible]	[illegible]	59.7	64.1	69.6	74.2	76.3	78.2	80.4	81.2	81.8	81.8	81.9	82.2	82.6	82.9	83.2	
GE [illegible]	[illegible]	61.6	65.9	71.4	76.1	78.6	80.6	83.1	83.8	84.4	84.5	84.7	85.0	85.4	85.6	86.0	
GE [illegible]	[illegible]	62.7	66.9	72.7	77.4	79.1	80.2	84.7	85.5	86.2	86.5	86.6	87.0	87.3	87.6	87.9	
GE [illegible]	[illegible]	63.6	67.9	73.8	78.5	81.8	84.1	86.7	87.6	88.4	88.6	88.8	89.1	89.5	89.7	90.1	
GE [illegible]	[illegible]	63.8	67.8	74.5	79.6	82.6	85.4	88.3	89.4	90.2	90.5	90.6	90.9	91.3	91.5	91.9	
GE [illegible]	[illegible]	64.0	68.2	75.1	80.2	83.5	86.6	89.5	90.9	91.7	92.0	92.3	92.6	93.1	93.4	93.7	
GE [illegible]	[illegible]	64.1	68.9	75.5	80.9	84.3	87.1	90.2	91.7	92.5	92.9	93.2	93.6	94.1	94.3	94.7	
GE [illegible]	[illegible]	64.1	68.9	75.5	80.9	84.3	87.2	90.5	91.9	93.1	93.6	94.1	94.7	95.4	95.7	96.0	
GE [illegible]	[illegible]	64.1	68.9	75.5	80.9	84.3	87.2	90.5	91.9	93.2	93.9	94.4	95.0	96.1	96.4	97.5	
GE [illegible]	[illegible]	64.1	68.9	75.5	80.9	84.3	87.2	90.5	91.9	93.2	93.9	94.4	95.2	96.6	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 9	GE 8	GE 6	GE 5	GE 4	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	11.7	14.6	15.8	15.7	16.5	16.5	16.6	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0
GE 25000	28.3	29.3	29.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	28.9	29.8	29.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 15000	28.9	29.8	29.3	30.3	31.1	31.1	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 10000	29.4	30.6	31.0	32.0	32.8	32.8	32.9	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3
GE 7000	34.7	33.9	34.5	35.5	36.3	36.3	36.4	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9
GE 5000	38.2	37.6	38.4	39.3	40.2	40.2	40.3	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8
GE 4000	41.1	39.3	39.9	40.9	41.9	41.9	42.0	42.2	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5
GE 3000	41.2	39.7	40.3	41.3	42.2	42.2	42.3	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
GE 2500	41.2	39.7	40.3	41.3	42.2	42.2	42.3	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
GE 2000	43.7	41.8	42.2	43.2	44.3	44.3	44.4	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9
GE 1500	45.5	45.5	46.1	47.3	48.5	48.5	48.6	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
GE 1000	47.5	48.3	49.0	50.2	51.5	51.5	51.6	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
GE 900	47.9	48.8	51.5	52.7	54.0	54.0	54.4	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 800	48.4	50.6	52.3	54.5	55.9	55.9	56.3	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 700	49.1	56.1	56.9	58.5	59.8	60.0	60.3	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
GE 600	60.7	61.4	62.5	64.4	66.3	66.5	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 500	64.7	67.6	69.0	71.0	73.3	73.6	73.9	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 400	66.1	73.4	75.1	74.2	76.5	76.8	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 300	67.9	73.5	75.4	78.6	81.1	81.4	81.9	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 250	68.9	76.5	79.0	82.6	85.8	86.0	86.6	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8
GE 200	69.2	77.8	80.5	84.2	87.6	88.0	88.5	89.1	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9
GE 150	69.2	78.0	81.4	85.2	88.7	89.0	89.6	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 100	69.2	78.7	82.0	86.9	90.6	91.0	91.7	92.6	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4
GE 70	69.2	78.8	82.5	88.1	91.9	92.3	93.1	94.2	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4
GE 50	69.2	78.8	82.6	88.3	92.5	92.9	94.0	95.2	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9
GE 40	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 30	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 20	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 15	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 10	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 7	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 5	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 4	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 3	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 2	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 1	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 0	69.2	78.8	82.6	88.4	92.6	93.0	94.1	95.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	TOTAL	VISIBILITY IN HUNDREDS OF METERS														
		GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
UNLIMITED	21.4	17.3	17.8	19.2	20.4	21.0	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 20000	35.4	30.5	31.7	32.5	33.7	34.8	34.9	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 15000	35.9	30.8	31.8	33.0	34.2	34.9	35.2	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	36.0	31.0	31.4	33.1	34.3	34.6	35.4	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 7000	37.6	32.4	32.9	34.6	35.8	36.3	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 5000	41.2	35.9	36.4	38.2	39.4	40.6	40.8	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 3500	45.8	40.2	41.0	42.8	44.0	44.2	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8
GE 3000	48.1	42.7	43.3	45.1	46.2	46.5	47.6	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 2500	48.4	42.9	43.6	45.4	46.6	46.9	47.9	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 2000	48.7	43.2	43.9	45.7	46.9	47.1	48.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 1500	50.6	44.6	45.0	47.0	48.2	48.5	50.0	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1000	56.9	50.4	51.0	53.7	54.9	55.2	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 700	62.7	55.9	57.0	59.5	60.7	61.0	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 500	65.9	59.0	60.7	62.8	64.0	64.2	65.2	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 400	67.3	60.5	62.2	64.2	65.4	65.7	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 300	70.0	62.7	64.7	66.9	68.1	68.3	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 200	73.7	65.6	67.8	70.1	71.7	72.0	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 150	76.8	68.4	71.4	73.4	76.3	76.7	77.8	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 100	81.1	71.7	75.3	77.2	78.2	78.6	80.1	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 70	86.4	75.5	77.8	81.0	83.4	84.0	85.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4
GE 50	91.6	77.0	81.2	85.3	88.1	89.6	90.1	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.6
GE 30	94.0	77.5	83.0	87.1	90.1	91.1	92.5	93.3	93.6	93.9	93.9	94.0	94.0	94.0	94.0
GE 20	95.4	78.7	83.6	87.7	91.3	92.4	94.0	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 15	96.9	78.9	84.0	88.2	92.6	93.9	95.4	96.1	96.5	96.7	96.7	96.9	96.9	96.9	96.9
GE 10	97.6	79.0	85.2	89.6	93.3	94.3	96.0	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6
GE 7	98.1	79.3	85.4	89.9	93.5	94.6	96.3	97.2	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 5	98.4	80.4	85.5	90.1	93.7	94.8	96.5	97.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 4	99.3	80.4	85.5	90.4	94.2	95.4	97.1	97.6	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 2	99.9	80.4	85.5	90.4	94.3	95.7	97.2	97.8	99.3	99.5	99.5	99.9	99.9	99.9	99.9
GE 1	100.0	80.4	85.5	90.4	94.3	95.7	97.3	98.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0
GE 0	100.0	80.4	85.5	90.4	94.3	95.7	97.3	98.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	TOT	GE 50	GE 40	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	13.5	24.7	26.0	26.9	28.1	28.9	29.3	30.4	30.5	30.8	31.0	31.0	31.0	31.0	31.0	
GE 25000	26.1	33.8	35.4	36.9	39.6	39.4	40.0	41.1	41.2	41.4	41.7	41.7	41.8	41.8	41.8	41.9
GE 18000	26.2	34.0	35.7	37.1	39.8	39.6	40.2	41.3	41.4	41.7	41.9	41.9	42.0	42.0	42.0	42.2
GE 15000	26.2	34.0	35.7	37.1	39.8	39.6	40.2	41.3	41.4	41.7	41.9	41.9	42.0	42.0	42.0	42.2
GE 10000	27.7	35.3	37.2	38.8	40.7	41.6	42.2	43.4	43.5	43.7	44.0	44.0	44.1	44.1	44.1	44.2
GE 7000	29.6	37.8	39.8	41.3	43.2	44.1	44.7	45.9	46.1	46.3	46.6	46.6	46.7	46.7	46.7	46.8
GE 5000	30.2	41.9	44.0	45.5	47.7	48.5	49.1	50.3	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.3
GE 4000	31.9	43.2	45.5	47.2	49.3	50.2	50.8	52.0	52.2	52.5	52.7	52.7	52.9	52.8	52.8	52.9
GE 3000	32.2	43.5	45.7	47.4	49.7	50.5	51.1	52.3	52.6	52.8	53.1	53.1	53.2	53.2	53.2	53.3
GE 2000	32.7	44.3	46.2	48.0	50.3	51.1	51.7	52.9	53.2	53.4	53.7	53.7	53.8	53.8	53.8	53.9
GE 1800	33.0	45.7	48.0	49.9	52.2	53.1	53.7	54.9	55.1	55.3	55.6	55.6	55.7	55.7	55.7	55.8
GE 1600	34.3	47.6	52.1	54.1	56.4	57.4	58.0	59.2	59.5	59.8	60.0	60.0	60.1	60.1	60.1	60.2
GE 1400	35.2	50.2	54.6	56.6	58.9	60.0	60.6	61.8	62.2	62.4	62.6	62.6	62.8	62.8	62.8	62.9
GE 1200	35.8	54.1	57.2	59.3	61.6	62.6	63.2	64.4	64.9	65.0	65.3	65.3	65.4	65.4	65.4	65.5
GE 1000	37.4	55.4	58.6	60.6	62.9	64.0	64.7	65.9	66.2	66.5	66.7	66.7	66.8	66.8	66.8	66.9
GE 900	38.0	56.8	61.9	64.8	67.1	68.3	69.0	70.2	70.5	70.8	71.1	71.1	71.3	71.3	71.3	71.4
GE 800	43.8	61.3	64.4	67.3	69.7	70.9	71.6	72.8	73.2	73.4	73.8	73.8	73.9	73.9	73.9	74.0
GE 700	45.5	64.6	68.0	71.3	74.4	75.7	76.4	77.6	78.0	78.2	78.6	78.6	78.7	78.7	78.7	78.8
GE 600	46.2	65.4	69.6	72.6	76.3	77.6	78.3	79.5	80.0	80.2	80.6	80.6	80.7	80.7	80.7	80.8
GE 500	46.9	66.9	70.7	74.4	78.6	80.1	81.1	82.4	82.9	83.2	83.6	83.6	83.7	83.7	83.7	83.8
GE 400	47.1	69.2	73.3	77.7	82.5	84.1	85.0	86.3	86.9	87.3	87.7	87.7	87.8	87.8	87.8	87.9
GE 300	49.7	71.3	75.3	80.0	85.1	87.2	88.3	89.6	90.3	90.7	91.0	91.0	91.1	91.1	91.1	91.3
GE 250	49.7	71.7	75.5	80.5	86.4	87.9	89.0	90.4	91.1	91.5	91.9	91.9	92.0	92.0	92.0	92.1
GE 200	50.2	72.9	77.1	81.9	87.5	89.6	90.7	92.1	92.9	93.3	93.7	93.7	93.8	93.8	93.8	93.9
GE 180	50.4	73.7	78.0	83.0	89.0	91.0	92.2	93.6	94.3	94.8	95.2	95.6	95.6	95.7	95.7	95.8
GE 160	50.7	74.6	79.0	84.2	90.3	92.3	93.5	95.1	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.1
GE 140	50.7	75.1	79.4	84.6	90.7	92.7	93.9	95.6	96.6	97.1	97.5	97.5	97.6	97.6	97.6	97.7
GE 120	50.7	75.1	79.8	84.9	91.4	93.4	94.6	96.4	97.7	98.2	98.6	98.6	98.7	98.7	98.7	98.8
GE 100	50.7	75.1	79.8	85.0	91.6	93.7	94.9	96.6	98.0	98.4	99.0	98.9	98.9	98.9	98.9	99.0
GE 90	50.7	75.1	79.8	85.0	91.6	93.7	95.0	97.0	98.3	98.8	99.2	99.2	99.3	99.3	99.3	99.4
GE 80	50.7	75.1	79.8	85.0	91.6	93.7	95.0	97.1	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.9
GE 70	50.7	75.1	79.8	85.0	91.6	93.7	95.0	97.0	98.4	98.9	99.3	99.3	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 30	GE 20	GE 12	GE 6.0	GE 4.8	GE 4.0	GE 3.2	GE 2.4	GE 2.0	GE 1.6	GE 1.2	GE 1.0	GE 0.8	GE 0.5	GE 0.4	GE 0.0
NO CEIL	25.3	25.6	27.2	29.6	30.8	31.6	32.4	33.7	34.5	34.8	34.9	34.9	35.0	35.3	35.4	35.6
GE 25000	29.5	33.7	36.2	38.7	40.7	41.4	42.2	43.6	44.6	44.9	45.0	45.0	45.1	45.5	45.6	46.0
GE 15000	29.5	33.7	36.2	38.7	40.7	41.4	42.2	43.8	44.6	44.9	45.0	45.0	45.1	45.5	45.6	46.0
GE 10000	29.5	33.9	36.2	39.0	40.8	41.6	42.5	44.0	44.9	45.1	45.2	45.2	45.4	45.7	45.8	46.2
GE 7000	29.5	34.7	37.1	40.0	41.9	43.0	43.8	45.4	46.2	46.5	46.6	46.6	46.7	47.1	47.2	47.5
GE 5000	29.5	35.6	38.5	41.6	43.6	44.6	45.5	47.1	47.9	48.1	48.3	48.3	48.4	48.7	48.9	49.2
GE 3500	37.5	39.2	42.4	45.7	48.4	49.5	50.3	51.9	52.7	52.9	53.1	53.1	53.2	53.5	53.7	54.0
GE 2500	39.4	41.4	43.6	46.9	49.6	50.7	51.5	53.3	54.2	54.4	54.5	54.5	54.6	55.0	55.1	55.5
GE 2000	39.6	41.6	43.7	47.1	49.7	50.8	51.7	53.5	54.4	54.6	54.8	54.8	54.9	55.2	55.4	55.7
GE 1500	40.5	41.4	44.6	48.0	50.7	51.7	52.7	54.5	55.4	55.6	55.7	55.7	55.8	56.2	56.3	56.7
GE 1000	41.5	43.1	46.6	50.5	53.7	54.9	55.9	57.2	58.0	58.2	58.4	58.4	58.5	58.8	59.0	59.3
GE 700	43.7	45.3	48.7	53.2	56.1	57.2	58.1	59.4	60.8	61.0	61.1	61.1	61.3	61.6	61.7	62.1
GE 450	44.0	46.1	49.8	54.3	57.2	58.4	59.3	61.1	62.0	62.2	62.3	62.3	62.5	62.8	62.9	63.3
GE 400	44.7	47.4	51.3	55.7	58.9	60.0	61.0	62.8	63.7	63.9	64.0	64.0	64.1	64.5	64.6	65.0
GE 350	45.5	48.5	52.6	57.0	60.3	61.6	62.7	64.5	65.3	65.6	65.7	65.7	65.8	66.2	66.3	66.7
GE 300	46.7	49.8	54.0	58.6	61.9	63.3	64.4	66.2	67.1	67.4	67.5	67.5	67.6	68.0	68.1	68.5
GE 250	48.9	52.0	56.3	60.6	63.9	65.3	66.4	68.2	69.1	69.4	69.6	69.6	69.7	70.0	70.2	70.5
GE 200	52.0	55.3	59.6	63.3	66.6	68.0	69.6	71.4	72.2	72.6	72.7	72.7	72.8	73.2	73.3	73.6
GE 150	53.9	56.7	62.7	67.1	70.9	72.6	74.0	75.9	76.8	77.3	77.5	77.5	77.6	78.0	78.1	78.5
GE 100	55.0	58.0	63.9	68.7	72.9	74.6	75.9	77.7	78.6	79.1	79.3	79.3	79.4	79.8	79.9	80.3
GE 70	57.0	60.0	64.9	69.8	74.0	75.3	77.5	79.4	80.3	80.7	81.0	81.0	81.1	81.5	81.6	81.9
GE 50	58.1	61.2	66.4	72.1	76.3	78.1	80.7	82.5	83.6	84.5	84.7	84.8	85.2	85.3	85.7	
GE 30	61.4	64.2	68.2	74.1	79.2	81.6	83.4	85.4	86.3	87.2	87.5	87.5	87.6	88.0	88.1	88.5
GE 20	61.9	65.4	69.4	75.5	80.6	83.8	85.7	87.4	88.2	89.4	89.7	89.7	89.8	90.1	90.3	90.6
GE 15	62.4	66.4	70.6	76.8	82.3	85.4	87.2	89.1	89.9	91.1	91.3	91.3	91.5	91.8	91.9	92.3
GE 10	62.5	66.9	71.1	77.5	83.2	86.4	88.2	90.2	90.9	92.1	92.3	92.3	92.4	92.9	93.0	93.4
GE 7	63.1	67.5	71.8	78.7	84.4	87.7	89.4	91.7	92.7	93.9	94.1	94.1	94.2	94.7	94.8	95.2
GE 5	63.6	68.2	72.7	79.5	85.3	88.7	90.6	93.0	94.0	95.2	95.4	95.4	95.5	96.0	96.1	96.5
GE 4	63.8	68.7	73.3	80.3	86.4	89.8	91.8	94.2	95.4	97.0	97.2	97.2	97.4	97.8	98.0	98.3
GE 3	64.1	68.7	73.3	80.4	87.1	90.5	92.9	95.5	96.9	98.2	98.2	98.2	98.3	98.8	98.9	99.3
GE 2	64.1	68.7	73.3	80.4	87.1	90.5	92.9	95.9	96.9	98.2	98.4	98.4	98.6	99.0	99.2	99.5
GE 1	64.1	68.7	73.3	80.4	87.1	90.5	92.6	95.9	96.9	98.2	98.4	98.4	98.6	99.0	99.2	99.6
GE 0	64.1	68.7	73.3	80.4	87.1	90.5	92.9	95.9	96.9	98.2	98.4	98.4	98.6	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.2	19.7	20.8	22.6	23.4	24.4	24.8	25.7	26.0	26.3	26.5	26.6	26.7	26.9	27.1	27.7
GE 22000	21.1	29.6	30.1	32.3	34.0	34.7	35.3	36.3	36.6	37.0	37.1	37.3	37.5	37.7	37.9	38.5
GE 18000	21.1	29.7	30.2	32.5	34.1	34.9	35.4	36.5	36.9	37.1	37.3	37.4	37.6	37.9	38.0	38.7
GE 16000	21.2	29.7	30.3	32.5	34.2	34.9	35.4	36.5	36.9	37.2	37.3	37.5	37.7	37.9	38.1	38.7
GE 14000	21.9	29.7	31.3	33.6	35.3	36.0	36.6	37.7	38.0	38.3	38.5	38.6	38.8	39.1	39.2	39.9
GE 12000	22.4	31.9	33.6	36.0	37.8	38.6	39.2	40.3	40.6	41.0	41.1	41.2	41.4	41.7	41.9	42.5
GE 10000	25.5	35.4	37.2	39.8	41.7	42.6	43.1	44.3	44.7	45.0	45.2	45.3	45.5	45.8	46.0	46.7
GE 9000	26.6	36.5	38.4	41.1	43.1	43.9	44.5	45.7	46.1	46.5	46.6	46.7	47.0	47.3	47.5	48.1
GE 8000	26.8	36.8	38.7	41.4	43.4	44.2	44.8	46.1	46.4	46.8	47.0	47.1	47.3	47.7	47.9	48.5
GE 7000	27.0	37.3	39.2	42.0	44.0	44.8	45.4	46.7	47.0	47.4	47.6	47.7	47.9	48.3	48.5	49.1
GE 6000	27.8	38.5	40.6	43.4	45.6	46.5	47.1	48.4	48.7	49.1	49.3	49.4	49.6	50.0	50.2	50.8
GE 5000	28.0	41.6	43.9	47.0	49.3	50.4	51.0	52.4	52.8	53.3	53.4	53.6	53.9	54.2	54.4	55.1
GE 4500	31.9	42.7	46.0	49.1	51.5	52.7	53.3	54.7	55.1	55.6	55.7	55.9	56.2	56.5	56.7	57.4
GE 4000	32.9	45.5	48.8	51.2	53.7	54.8	55.5	56.9	57.4	57.8	58.0	58.2	58.5	58.8	59.0	59.7
GE 3500	33.6	46.7	49.3	52.6	55.1	56.3	57.0	58.4	58.9	59.4	59.5	59.7	60.0	60.3	60.5	61.2
GE 3000	34.9	49.6	51.6	55.5	58.0	59.3	60.1	61.6	62.1	62.6	62.9	62.9	63.2	63.6	63.8	64.5
GE 2500	36.9	51.7	54.6	58.5	61.5	62.9	63.7	65.4	65.9	66.4	66.6	66.7	67.0	67.4	67.6	68.3
GE 2200	39.0	55.2	58.6	62.8	66.2	67.7	68.7	70.6	71.2	71.7	72.0	72.1	72.4	72.8	73.0	73.7
GE 2000	40.1	56.5	60.0	64.5	68.2	69.6	70.7	72.7	73.3	73.9	74.1	74.3	74.6	75.0	75.2	75.9
GE 1800	41.2	58.5	62.2	67.0	70.8	72.5	73.8	75.9	76.6	77.2	77.4	77.6	77.9	78.3	78.5	79.2
GE 1500	42.6	61.8	64.8	70.2	74.5	76.4	77.7	80.0	80.6	81.5	81.7	81.9	82.2	82.6	82.8	83.5
GE 1200	43.3	62.3	66.6	72.2	76.8	78.6	80.2	82.6	83.3	84.1	84.3	84.4	84.7	85.2	85.4	86.1
GE 1000	43.7	63.1	67.4	73.2	78.0	80.2	81.7	84.1	84.8	85.7	85.9	86.1	86.4	86.8	87.0	87.7
GE 900	44.2	64.2	68.7	74.6	79.7	82.0	83.6	86.1	86.9	87.7	88.0	88.1	88.4	88.8	89.0	89.8
GE 800	44.4	64.9	69.6	75.9	80.9	83.3	85.2	87.5	88.5	89.3	89.6	89.7	90.0	90.5	90.7	91.4
GE 700	44.8	65.5	70.3	76.8	81.9	84.5	86.3	88.8	90.0	90.9	91.1	91.3	91.6	92.1	92.3	93.0
GE 600	44.9	66.1	70.8	77.4	82.8	85.5	87.3	90.1	91.3	92.2	92.5	92.6	93.0	93.4	93.7	94.4
GE 500	44.9	66.1	71.1	77.5	82.9	85.6	88.2	91.4	92.5	93.4	93.8	94.0	94.3	94.8	95.1	95.8
GE 400	44.9	66.2	71.1	78.0	83.7	86.5	88.6	91.9	93.1	94.0	94.4	94.6	95.0	95.6	95.8	96.5
GE 300	44.9	66.2	71.1	78.0	83.7	86.6	88.7	92.1	93.4	94.6	95.0	95.2	95.7	96.3	96.5	97.3
GE 200	44.9	66.2	71.1	78.0	83.7	86.6	88.7	92.1	93.5	94.7	95.2	95.4	95.9	96.6	96.9	98.0
ALL	44.9	66.2	71.1	78.0	83.7	86.6	88.7	92.1	93.6	94.8	95.3	95.5	96.0	97.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 8655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036458 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-8[illegible]
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 100	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.7	21.3	22.3	24.6	25.9	25.7	26.6	28.5	28.9	29.4	29.5	29.5	29.5	30.1	30.3	31.1
GE [illegible]	25.5	25.7	27.5	31.3	32.5	32.8	33.7	35.7	36.2	36.8	37.1	37.1	37.1	37.7	37.9	38.7
GE [illegible]	25.5	25.9	27.6	31.5	32.6	33.0	33.9	35.8	36.3	36.9	37.2	37.2	37.2	37.8	38.1	38.8
GE 10 00	25.5	25.9	27.6	31.5	32.6	33.0	33.8	35.8	36.3	36.9	37.2	37.2	37.2	37.8	38.1	38.8
GE 14 00	25.5	26.2	28.1	32.0	33.1	33.5	34.3	36.3	36.8	37.4	37.7	37.7	37.7	38.3	38.6	39.3
GE 17 00	27.4	27.9	29.7	33.8	35.2	35.6	36.4	38.4	38.9	39.6	39.9	39.9	39.9	40.5	40.8	41.5
GE 1750	31.0	28.7	30.6	34.7	36.1	36.4	37.4	39.4	39.9	40.7	41.0	41.0	41.0	41.7	41.9	42.7
GE [illegible]	31.7	29.0	30.9	35.0	36.3	36.7	37.7	39.8	40.3	41.0	41.4	41.4	41.4	42.0	42.3	43.0
GE [illegible]	31.7	29.0	30.8	35.0	36.4	36.8	37.8	39.9	40.4	41.2	41.5	41.5	41.5	42.2	42.4	43.2
GE [illegible]	31.9	29.5	31.3	35.6	37.2	37.6	38.6	40.7	41.2	41.9	42.3	42.3	42.3	42.9	43.2	43.9
GE 2[illegible]	32.0	31.2	33.1	37.3	38.9	39.6	40.5	43.5	44.0	44.8	45.1	45.1	45.1	45.8	46.0	46.8
GE [illegible]	34.4	33.7	35.9	40.8	42.4	43.2	44.3	47.5	48.0	48.8	49.1	49.1	49.1	49.8	50.0	50.7
GE 4[illegible]	35.6	35.1	37.3	42.2	43.9	44.5	45.8	49.0	49.5	50.2	50.6	50.6	50.6	51.2	51.5	52.2
GE 4[illegible]	36.5	36.1	38.6	43.5	46.1	46.9	48.4	51.7	52.2	53.0	53.4	53.4	53.4	54.0	54.2	55.0
GE [illegible]	37.9	37.9	40.3	46.3	48.6	49.5	51.1	54.5	55.0	55.7	56.1	56.1	56.1	56.7	57.0	57.7
GE [illegible]	38.4	38.5	41.4	48.9	51.6	52.5	54.4	58.1	58.6	59.3	59.7	59.7	59.7	60.3	60.6	61.3
GE [illegible]	41.7	43.4	46.4	52.1	54.9	55.6	57.8	61.6	62.1	62.8	63.3	63.3	63.3	63.9	64.2	64.9
GE [illegible]	42.1	44.3	47.3	53.1	55.9	56.6	58.8	62.7	63.2	63.9	64.4	64.4	64.4	65.0	65.3	66.0
GE [illegible]	42.1	44.3	47.3	53.1	55.9	56.6	58.8	62.7	63.2	63.9	64.4	64.4	64.4	65.0	65.3	66.0
GE 1[

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN HUNDREDS OF FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2½	GE 2	GE 1½	GE 1	GE ¾	GE ½	GE ¼	GE 0
NO CEIL	25.5	26.4	26.7	27.5	29.0	29.5	29.7	30.7	31.6	32.0	32.0	32.0	32.0	32.3	32.6	33.2
GE 20000	25.5	26.4	29.4	31.0	32.7	33.2	33.8	34.8	35.7	36.1	36.1	36.1	36.1	36.4	36.7	37.3
GE 18000	25.5	26.4	29.4	31.0	32.7	33.2	33.8	34.8	35.7	36.1	36.1	36.1	36.1	36.4	36.7	37.3
GE 16000	25.5	26.4	29.4	31.0	32.7	33.2	33.8	34.8	35.7	36.1	36.1	36.1	36.1	36.4	36.7	37.3
GE 14000	25.5	27.4	29.9	31.5	33.2	33.7	34.3	35.3	36.2	36.6	36.6	36.6	36.6	36.9	37.2	37.8
GE 12000	25.9	28.0	30.5	32.5	34.5	35.0	35.6	36.6	37.4	37.9	37.9	37.9	37.9	38.3	38.6	39.2
GE 10000	26.3	29.2	32.2	34.2	36.2	36.7	37.3	38.3	39.3	39.8	39.8	39.8	39.8	40.2	40.4	41.0
GE 9000	26.4	29.4	32.5	34.5	36.4	36.9	37.6	38.6	39.6	40.3	40.3	40.3	40.3	40.7	40.9	41.5
GE 8000	26.4	29.4	32.5	34.5	36.4	36.9	37.6	38.6	39.6	40.3	40.3	40.3	40.3	40.7	40.9	41.5
GE 7000	27.1	30.1	33.2	35.2	37.2	37.7	38.3	39.3	40.3	41.0	41.0	41.0	41.0	41.4	41.7	42.3
GE 6000	27.6	31.3	34.5	36.4	38.6	39.1	39.8	41.9	42.0	42.8	42.8	42.8	42.8	43.2	43.4	44.0
GE 5000	28.4	32.2	37.6	40.0	42.5	43.2	43.9	45.4	46.5	47.4	47.4	47.4	47.4	47.8	48.0	48.6
GE 4500	28.5	32.8	38.2	40.8	43.3	43.9	44.7	46.1	47.3	48.1	48.1	48.1	48.1	48.5	48.8	49.4
GE 4000	28.7	32.4	40.2	43.3	45.9	46.5	47.3	49.0	50.1	51.0	51.0	51.0	51.0	51.4	51.6	52.2
GE 3500	29.1	33.1	41.8	45.0	47.6	48.4	49.3	51.0	52.1	53.1	53.1	53.1	53.1	53.5	53.7	54.4
GE 3000	30.7	40.6	44.7	48.0	50.7	51.5	52.4	54.1	55.2	56.2	56.2	56.2	56.3	56.7	57.0	57.7
GE 2500	37.9	45.0	48.9	52.4	55.1	55.8	56.7	58.8	60.1	61.1	61.1	61.1	61.2	61.6	61.8	62.6
GE 2000	39.4	49.8	53.7	57.8	60.7	61.6	62.4	64.7	65.9	66.9	66.9	66.9	67.0	67.4	67.7	68.4
GE 1800	39.7	51.0	55.7	59.6	62.1	62.9	63.8	66.2	67.4	68.4	68.4	68.4	68.5	68.9	69.2	69.9
GE 1600	39.9	52.2	56.5	60.9	63.4	64.2	65.5	68.0	69.4	70.4	70.4	70.4	70.5	70.9	71.1	71.9
GE 1400	40.3	53.6	61.1	66.3	69.2	70.0	70.9	73.4	74.8	75.7	75.7	75.7	75.9	76.2	76.5	77.2
GE 1200	40.5	54.2	62.8	68.3	71.5	72.4	73.3	75.7	77.1	78.1	78.1	78.1	78.2	78.6	79.0	79.7
GE 1000	41.0	59.2	64.1	69.7	73.0	74.0	75.0	77.6	79.0	80.1	80.1	80.1	80.2	80.6	81.0	81.7
GE 900	41.2	60.1	65.0	71.4	75.2	76.2	77.6	80.3	81.7	82.8	82.8	82.8	83.0	83.3	83.7	84.5
GE 800	41.2	60.6	66.2	72.9	76.7	78.2	79.2	82.5	83.9	85.1	85.1	85.1	85.2	85.6	85.9	86.7
GE 700	41.2	61.4	66.9	74.3	78.5	80.0	81.3	84.7	86.1	87.4	87.4	87.4	87.7	88.1	88.4	89.2
GE 600	41.2	61.6	67.2	74.6	79.1	80.6	82.3	85.7	87.1	88.6	88.6	88.6	88.9	89.2	89.6	90.3
GE 500	41.2	61.6	67.2	74.9	79.4	81.2	82.8	86.4	87.8	89.6	89.6	89.6	89.8	90.2	90.5	91.3
GE 400	41.2	61.6	67.2	75.0	79.5	81.7	83.3	87.3	88.9	90.9	90.9	90.9	91.2	91.5	91.9	92.7
GE 300	41.2	61.6	67.2	75.0	79.6	82.1	83.7	87.7	89.2	91.2	91.3	92.7	92.9	93.4	93.8	94.5
GE 200	41.2	61.6	67.2	75.0	79.6	82.2	83.8	87.8	89.6	92.3	93.0	93.4	93.7	94.3	94.8	96.9
GE 100	41.2	61.6	67.2	75.0	79.6	82.2	83.8	87.8	89.8	92.5	93.4	93.8	94.2	94.8	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1/2	GE 1/2	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32
NO CEIL	17.6	18.9	19.9	20.3	21.0	21.5	21.7	21.9	22.3	22.5	22.8	22.8	23.2	23.4	23.4	23.8
GE [illegible]	[illegible]	25.2	26.5	27.5	28.7	29.3	29.7	29.9	30.3	30.5	30.8	30.6	31.2	31.4	31.4	31.8
GE [illegible]	[illegible]	25.2	26.5	27.5	28.7	29.3	29.8	30.0	30.4	30.7	30.9	30.9	31.3	31.5	31.5	31.9
GE [illegible]	[illegible]	25.2	26.5	27.5	28.7	29.3	29.8	30.0	30.4	30.7	30.9	30.9	31.3	31.5	31.5	31.9
GE [illegible]	[illegible]	25.4	26.5	26.9	27.9	29.0	29.7	30.0	30.4	30.8	31.1	31.3	31.3	31.7	31.9	31.9	32.3
GE [illegible]	[illegible]	25.9	27.2	29.8	29.8	31.0	31.7	32.2	32.4	32.8	33.0	33.4	33.5	33.9	34.2	34.2	34.5
GE [illegible]	[illegible]	27.7	29.0	31.0	32.2	33.4	34.2	34.7	35.0	35.4	35.7	36.0	36.2	36.5	36.8	36.8	37.2
GE [illegible]	[illegible]	27.7	29.7	31.3	32.9	34.2	34.9	35.4	36.0	36.4	36.7	37.0	37.2	37.5	37.8	37.8	38.2
GE [illegible]	[illegible]	27.9	29.8	31.9	33.5	34.3	35.1	35.5	36.2	36.5	36.8	37.2	37.3	37.7	37.9	37.9	38.3
GE [illegible]	[illegible]	28.2	30.2	32.4	33.5	34.8	35.5	36.0	36.8	37.2	37.4	37.8	37.9	38.3	38.5	38.5	38.9
GE [illegible]	[illegible]	28.9	31.5	33.8	35.0	36.3	37.2	37.9	38.7	39.0	39.3	39.7	39.8	40.2	40.4	40.4	40.8
GE [illegible]	[illegible]	37.0	35.1	37.8	39.2	40.6	41.6	42.4	43.4	43.8	44.1	44.4	44.6	44.9	45.2	45.2	45.6
GE [illegible]	[illegible]	38.8	37.2	39.9	41.3	42.7	43.7	44.6	45.6	45.9	46.2	46.6	46.7	47.2	47.4	47.4	47.8
GE [illegible]	[illegible]	39.9	39.0	41.9	43.7	45.1	46.2	47.1	48.1	48.4	48.7	49.1	49.2	49.7	49.9	49.9	50.3
GE [illegible]	[illegible]	39.9	40.4	42.3	45.2	46.6	47.7	48.6	49.6	49.9	50.2	50.6	50.7	51.2	51.4	51.4	51.8
GE [illegible]	[illegible]	39.7	42.2	46.1	46.1	49.8	51.1	52.1	53.3	53.7	53.9	54.3	54.4	54.9	55.2	55.2	55.6
GE [illegible]	[illegible]	39.9	45.3	48.3	50.3	52.2	53.7	54.7	56.4	56.9	57.1	57.4	57.6	58.1	58.3	58.3	58.7
GE [illegible]	[illegible]	39.7	49.9	53.4	56.7	59.1	60.6	61.7	63.7	64.2	64.5	64.9	65.0	65.5	65.7	65.7	66.2
GE [illegible]	[illegible]	39.2	51.4	55.1	58.7	61.1	62.6	63.7	65.7	66.3	66.7	67.1	67.2	67.8	68.1	68.1	68.6
GE [illegible]	[illegible]	39.4	52.4	56.1	59.9	62.3	63.8	65.0	67.0	67.8	68.3	68.7	68.8	69.5	69.7	69.7	70.2
GE [illegible]	[illegible]	40.2	53.4	59.6	64.0	66.6	68.2	69.3	71.6	72.5	73.0	73.3	73.5	74.1	74.3	74.3	74.8
GE [illegible]	[illegible]	41.1	57.1	61.7	66.2	69.0	70.7	72.2	74.7	75.6	76.1	76.5	76.6	77.2	77.5	77.5	78.0
GE [illegible]	[illegible]	41.6	57.6	62.5	67.1	70.0	71.7	73.3	75.8	76.7	77.2	77.6	77.7	78.3	78.6	78.6	79.1
GE [illegible]	[illegible]	41.8	58.9	64.5	69.6	72.6	74.6	76.2	79.0	79.5	80.5	80.9	81.0	81.6	81.9	81.9	82.4
GE [illegible]	[illegible]	42.2	59.9	65.7	71.0	74.2	76.3	77.7	80.5	81.4	82.0	82.4	82.5	83.1	83.4	83.4	83.9
GE [illegible]	[illegible]	41.7	61.1	66.7	72.2	75.7	77.7	79.6	82.5	83.4	84.1	84.5	84.6	85.2	85.5	85.5	86.0
GE [illegible]	[illegible]	42.7	61.1	67.1	72.6	76.6	78.6	80.9	84.1	85.6	86.6	87.0	87.1	87.7	88.0	88.0	88.5
GE [illegible]	[illegible]	42.7	61.2	67.3	73.1	77.0	79.2	81.6	85.1	86.9	88.1	88.5	88.6	89.2	89.5	89.5	90.0
GE [illegible]	[illegible]	42.7	61.2	67.3	73.1	77.2	79.6	82.2	86.0	87.7	89.4	89.9	90.0	90.6	90.9	90.9	91.4
GE [illegible]	[illegible]	42.7	61.2	67.3	73.1	77.2	79.6	82.2	86.2	88.2	90.5	91.2	91.5	92.1	92.5	92.5	93.0
GE [illegible]	[illegible]	42.7	61.2	67.3	73.1	77.2	79.6	82.2	86.2	88.2	90.6	91.4	91.6	92.4	92.9	93.2	94.5
GE	42.7	61.2	67.3	73.1	77.2	79.6	82.2	86.2	88.2	90.6	91.4	91.7	92.9	93.7	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF LK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 10	GE 9	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.6	19.6	20.1	20.6	21.2	21.3	21.6	22.8	23.2	23.3	23.3	23.6	23.6	23.7	24.0	24.8
GE 20000	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 15000	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 10000	27.1	27.6	28.2	29.1	30.0	30.1	30.7	32.2	32.6	32.7	32.9	33.2	33.2	33.3	33.6	34.5
GE 7000	29.1	29.7	29.3	30.3	31.3	31.5	32.1	33.6	34.0	34.1	34.2	34.6	34.6	34.7	35.0	35.8
GE 5000	29.8	29.8	30.5	32.1	33.2	33.3	34.0	35.5	35.9	36.0	36.1	36.5	36.5	36.7	37.0	37.8
GE 3000	32.5	32.5	33.6	34.7	36.1	36.2	36.8	38.3	38.7	38.8	39.0	39.3	39.3	39.6	39.8	40.7
GE 2500	33.2	33.2	34.3	35.8	37.2	37.3	38.0	39.5	39.9	40.0	40.1	40.4	40.4	40.7	40.9	41.8
GE 2000	33.7	33.7	34.5	36.0	37.9	38.0	38.6	40.1	40.4	40.6	40.7	41.1	41.1	41.3	41.6	42.4
GE 1500	34.7	34.2	35.1	37.0	38.3	38.5	39.1	40.6	40.9	41.1	41.2	41.6	41.6	41.8	42.1	42.9
GE 1000	34.8	35.0	35.7	37.7	39.1	39.3	40.0	41.4	41.9	42.1	42.2	42.6	42.6	42.8	43.1	43.9
GE 700	36.2	36.6	37.6	39.6	41.4	41.7	42.4	43.9	44.4	44.6	44.7	45.1	45.1	45.3	45.6	46.4
GE 500	38.1	38.1	39.5	41.4	43.2	43.4	44.2	45.7	46.2	46.3	46.4	46.8	46.9	47.1	47.3	48.2
GE 400	38.4	38.6	40.3	42.6	44.3	44.6	45.3	46.8	47.3	47.4	47.6	47.9	47.9	48.2	48.4	49.3
GE 300	41.4	41.6	43.2	44.7	46.4	46.6	47.6	49.2	49.7	49.8	49.9	50.3	50.3	50.6	50.8	51.7
GE 200	43.9	44.1	45.6	48.4	50.4	51.1	51.8	53.8	54.3	54.4	54.6	54.9	54.9	55.2	55.4	56.3
GE 150	46.1	47.1	49.2	52.2	54.3	54.9	55.7	58.1	58.7	58.8	58.9	59.3	59.3	59.6	59.8	60.7
GE 100	47.7	48.1	50.6	54.7	56.9	57.4	58.2	60.9	61.5	61.6	61.7	62.1	62.1	62.4	62.6	63.6
GE 70	49.1	50.1	52.7	57.0	59.5	60.2	61.4	63.3	64.0	64.2	64.3	64.7	64.7	65.0	65.2	66.2
GE 50	49.7	50.7	53.4	57.7	60.3	61.0	62.4	64.4	65.3	65.5	65.6	66.0	66.0	66.3	66.5	67.5
GE 30	49.7	50.7	53.4	57.7	60.3	61.0	62.4	64.4	65.3	65.5	65.6	66.0	66.0	66.3	66.5	67.5
GE 20	49.7	50.7	53.4	57.7	60.3	61.0	62.4	64.4	65.3	65.5	65.6	66.0	66.0	66.3	66.5	67.5
GE 10	49.7	50.7	53.4	57.7	60.3	61.0	62.4	64.4	65.3	65.5	65.6	66.0	66.0	66.3	66.5	67.5
GE 0	49.7	50.7	53.4	57.7	60.3	61.0	62.4	64.4	65.3	65.5	65.6	66.0	66.0	66.3	66.5	67.5

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 1/2	GE 1/2	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32
NO CEIL	17.7	20.0	20.3	20.7	21.7	21.9	22.2	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.9
GE [illegible]	29.4	29.3	29.5	30.4	31.8	32.0	32.3	32.6	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.5
GE [illegible]	29.5	29.4	29.6	30.5	31.9	32.1	32.4	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6
GE 20 [illegible]	29.5	29.4	29.6	30.5	31.9	32.1	32.4	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6
GE 14[illegible]	29.5	29.4	29.6	30.5	31.9	32.1	32.4	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6
GE 12[illegible]	29.7	31.1	31.6	32.6	34.0	34.2	34.5	35.0	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.7
GE 10[illegible]	29.8	34.5	35.5	36.5	37.9	38.1	38.4	38.9	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.6
GE 9[illegible]	29.8	36.1	37.1	38.4	39.7	40.0	40.2	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.5
GE 8 [illegible]	29.8	36.6	37.6	38.9	40.2	40.5	40.7	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	42.0
GE 7[illegible]	29.8	36.7	37.7	39.0	40.3	40.6	40.8	41.3	41.7	41.8	41.8	41.8	41.8	41.8	41.8	42.1
GE 6[illegible]	29.8	37.5	38.7	40.0	41.3	41.6	41.8	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 5[illegible]	30.4	40.3	42.1	43.3	45.0	45.2	45.5	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.7
GE 4[illegible]	30.5	43.2	45.0	46.2	47.9	48.1	48.3	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.6
GE 3[illegible]	32.0	46.3	48.2	49.4	51.1	51.3	51.6	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.9
GE 2[illegible]	32.2	48.6	50.4	51.7	53.4	53.7	54.0	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4
GE 1[illegible]	34.1	51.7	53.5	54.8	56.5	56.8	57.2	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.5
GE [illegible]	42.2	55.3	57.2	58.4	60.4	60.6	61.3	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.6
GE [illegible]	47.2	59.5	61.1	62.0	63.6	63.8	64.5	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.7
GE [illegible]	48.1	61.9	63.6	64.8	66.6	66.8	67.5	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.7
GE [illegible]	48.7	62.5	64.3	65.6	67.4	67.6	68.3	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.5
GE 1[illegible]	48.8	63.9	65.9	67.2	69.1	69.3	70.0	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.2
GE [illegible]	49.1	65.3	67.4	68.8	70.8	71.0	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.9
GE [illegible]	49.1	65.3	67.4	68.8	70.8	71.0	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.9
GE [illegible]	49.1	65.9	68.0	69.4	71.4	71.6	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5
GE [illegible]	49.1	66.9	69.0	70.4	72.4	72.6	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1500-1700

CEILING FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0	GE 0	GE 0	GE 0	GE 0	GE 0
NO CEIL	19.8	19.1	19.9	20.5	20.9	21.4	21.9	22.1	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5
GE [illegible]	29.3	30.4	31.4	32.4	32.9	33.7	34.4	34.9	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3

GLOBAL CLIMATOLOGY BRANCH
LSAFB,NC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 03498 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	TOTAL	GE 80	GE 90	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
VISIBILITY IN HUNDREDS OF METERS																
NO CEIL	1..	23.6	24.8	26.4	27.1	27.4	27.9	28.5	28.9	29.0	29.0	29.0	29.0	29.1	29.1	29.3
GE [illegible]	2..	29.5	31.4	33.8	34.9	35.4	36.1	36.9	37.4	37.5	37.6	37.6	37.6	37.8	37.8	37.9
GE 15000	2..	29.8	31.6	34.1	35.3	35.8	36.5	37.3	37.8	37.9	38.0	38.0	38.0	38.1	38.1	38.3
GE 14000	2..	29.8	31.8	34.1	35.3	35.8	36.5	37.3	37.8	37.9	38.0	38.0	38.0	38.1	38.1	38.3
GE 13000	2..	29.8	32.1	34.4	35.6	36.1	36.8	37.6	38.0	38.1	38.3	38.3	38.3	38.4	38.4	38.5
GE 12000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 11000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 10000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 9000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 8000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 7000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 6000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 5000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 4500	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 4000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 3500	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 3000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 2500	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 2000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 1800	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 1600	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 1400	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 1200	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 1000	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 900	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 800	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 700	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 600	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 500	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 400	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 300	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 200	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 100	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6
GE 0	2..	29.8	32.1	34.4	35.6	36.1	36.9	37.7	38.1	38.2	38.4	38.4	38.4	38.5	38.5	38.6

TOTAL NUMBER OF OBSERVATIONS: 460

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649? STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	TOT	GE 50	GE 40	GE 30	GE 20	GE 15	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2	GE 1	GE 0
NO CEIL	31.9	33.4	25.5	26.5	27.7	28.7	29.1	30.6	31.1	31.3	31.3	31.3	31.5	31.5	31.6
GE 25000	38.5	38.1	30.2	32.1	33.5	34.6	35.7	37.4	38.1	38.3	38.3	38.3	38.4	38.4	38.6
GE 20000	38.5	38.1	30.2	32.1	33.8	34.8	35.7	37.4	38.1	38.3	38.3	38.3	38.4	38.4	38.6
GE 15000	38.7	38.2	30.3	32.2	34.0	35.0	35.8	37.6	38.2	38.4	38.4	38.4	38.4	38.6	38.7
GE 14000	38.8	38.4	30.5	32.3	34.1	35.1	35.9	37.8	38.4	38.7	38.7	38.7	38.7	38.8	38.9
GE 12000	39.1	39.0	31.1	33.1	35.0	36.0	36.8	38.7	39.3	39.6	39.6	39.6	39.7	39.7	39.8
GE 11000	39.6	39.7	32.0	34.1	35.9	36.9	37.8	39.7	40.3	40.5	40.5	40.5	40.7	40.7	40.8
GE 10000	39.8	40.1	32.3	34.5	36.3	37.3	38.2	40.0	40.7	40.9	40.9	40.9	41.0	41.0	41.2
GE 9000	40.1	40.5	32.6	34.8	36.6	37.6	38.5	40.2	40.8	41.0	41.0	41.0	41.0	41.2	41.3
GE 8000	40.7	41.2	33.2	35.6	37.4	38.4	39.3	41.2	41.9	42.0	42.0	42.0	42.2	42.2	42.3
GE 7000	41.9	42.3	33.9	35.7	37.8	38.7	39.7	41.5	42.2	42.3	42.3	42.3	42.4	42.4	42.5
GE 6000	42.8	43.3	35.7	37.8	39.7	40.7	41.5	43.7	44.5	44.8	44.8	44.8	44.9	44.9	45.0
GE 5000	43.2	43.7	36.2	38.3	40.2	41.2	42.0	44.2	45.0	45.3	45.3	45.3	45.4	45.4	45.5
GE 4500	43.6	44.1	36.6	38.7	40.6	41.6	42.4	44.6	45.4	45.7	45.7	45.7	45.8	45.8	45.9
GE 4000	44.0	44.5	37.0	39.1	41.0	42.0	42.8	45.0	45.8	46.1	46.1	46.1	46.2	46.2	46.3
GE 3500	44.4	44.9	37.4	39.5	41.4	42.4	43.2	45.4	46.2	46.5	46.5	46.5	46.6	46.6	46.7
GE 3000	44.8	45.3	38.1	40.2	42.1	43.1	43.9	46.1	46.9	47.2	47.2	47.2	47.3	47.3	47.4
GE 2500	45.7	47.6	50.7	54.5	57.1	58.3	60.3	62.9	64.2	64.6	64.6	64.6	64.7	64.7	64.8
GE 2000	47.4	50.9	54.5	58.7	61.3	62.7	64.7	67.7	68.9	69.3	69.3	69.3	69.4	69.4	69.5
GE 1800	47.7	51.2	55.0	59.1	61.8	63.2	65.2	68.2	69.4	69.8	69.8	69.8	69.9	69.9	70.0
GE 1700	47.9	51.4	55.2	59.4	62.0	63.4	65.4	68.4	69.6	70.0	70.0	70.0	70.1	70.1	70.2
GE 1600	48.1	51.6	55.4	59.6	62.2	63.6	65.6	68.6	69.8	70.2	70.2	70.2	70.3	70.3	70.4
GE 1500	48.4	51.9	55.6	60.1	62.7	64.1	66.0	69.0	70.3	70.8	70.8	70.8	70.9	70.9	71.0
GE 1400	48.6	52.1	56.1	62.6	65.8	67.2	69.2	72.3	73.6	74.1	74.1	74.1	74.3	74.3	74.4
GE 1300	48.7	52.2	56.3	63.2	66.7	68.1	70.1	73.4	74.8	75.3	75.3	75.3	75.4	75.4	75.5
GE 1200	49.1	52.6	56.8	63.7	67.2	68.7	70.7	73.9	75.6	76.0	76.0	76.0	76.1	76.1	76.2
GE 1100	49.3	52.8	57.0	64.0	67.5	69.0	71.0	74.2	75.9	76.3	76.3	76.3	76.4	76.4	76.5
GE 1000	49.5	53.0	57.2	64.2	67.8	69.3	71.3	74.5	76.2	76.6	76.6	76.6	76.7	76.7	76.8
GE 900	49.7	53.2	57.4	64.4	68.0	69.5	71.5	74.7	76.4	76.8	76.8	76.8	76.9	76.9	77.0
GE 800	49.9	53.4	57.6	64.6	68.2	69.7	71.7	74.9	76.6	77.0	77.0	77.0	77.1	77.1	77.2
GE 700	50.1	53.6	57.8	64.8	68.4	69.9	71.9	75.1	76.8	77.2	77.2	77.2	77.3	77.3	77.4
GE 600	50.2	53.7	57.9	64.9	68.5	70.0	72.0	75.2	76.9	77.3	77.3	77.3	77.4	77.4	77.5
GE 500	50.3	53.8	58.0	65.0	68.6	70.1	72.1	75.3	77.0	77.4	77.4	77.4	77.5	77.5	77.6
GE 400	50.4	53.9	58.1	65.1	68.7	70.2	72.2	75.4	77.1	77.5	77.5	77.5	77.6	77.6	77.7
GE 300	50.5	54.0	58.2	65.2	68.8	70.3	72.3	75.5	77.2	77.6	77.6	77.6	77.7	77.7	77.8
GE 200	50.6	54.1	58.3	65.3	68.9	70.4	72.4	75.6	77.3	77.7	77.7	77.7	77.8	77.8	77.9
GE 100	50.7	54.2	58.4	65.4	69.0	70.5	72.5	75.7	77.4	77.8	77.8	77.8	77.9	77.9	78.0
GE 0	50.7	54.2	58.4	65.4	69.0	70.5	72.5	75.7	77.4	77.8	77.8	77.8	77.9	77.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03646? STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: NOV HOUR(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT [illegible]	GE [illegible]	GE 36	GE 50	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	[illegible]	21.3	22.4	23.4	24.7	24.7	25.1	26.0	26.4	26.6	26.6	26.7	26.7	26.9	27.0	27.4
GE [illegible]	[illegible]	27.8	29.3	31.0	32.1	32.7	33.3	34.3	34.8	35.0	35.2	35.2	35.2	35.5	35.5	35.9
GE [illegible]	[illegible]	27.9	29.3	31.0	32.2	32.7	33.4	34.4	34.9	35.1	35.2	35.3	35.3	35.5	35.6	36.0
GE 10[illegible]	[illegible]	27.9	29.4	31.1	32.3	32.8	33.4	34.5	34.9	35.2	35.3	35.3	35.4	35.6	35.7	36.1
GE 14[illegible]	[illegible]	28.4	29.8	31.5	32.9	33.3	33.9	35.0	35.4	35.7	35.8	35.8	35.9	36.1	36.2	36.6
GE 1[illegible]	[illegible]	28.5	30.1	31.8	33.3	34.3	34.8	35.9	36.5	37.0	37.2	37.4	37.5	37.5	37.7	37.8	38.2
GE 1[illegible]	[illegible]	29.9	31.4	33.1	35.1	36.5	37.0	37.7	38.4	39.3	39.5	39.7	39.7	39.8	40.0	40.1	40.5
GE [illegible]	[illegible]	30.2	31.9	33.7	35.8	37.2	37.8	38.7	39.8	40.7	40.6	40.7	40.8	40.8	41.0	41.1	41.5
GE [illegible]	[illegible]	30.4	32.2	34.2	36.3	37.7	38.2	39.2	40.3	40.5	40.8	41.0	41.0	41.1	41.3	41.4	41.8
GE 2 [illegible]	[illegible]	30.9	32.7	34.7	36.8	38.3	38.8	39.8	40.6	41.1	41.4	41.5	41.6	41.6	41.8	41.9	42.3
GE [illegible]	[illegible]	31.2	33.0	35.2	37.3	38.8	39.3	40.3	41.2	41.8	42.1	42.3	42.3	42.4	42.5	42.7	43.2
GE 5 [illegible]	[illegible]	32.6	34.7	36.9	39.2	41.7	42.3	43.3	43.9	44.5	46.2	46.8	47.1	47.3	47.4	47.6	47.7	48.1
GE [illegible]	[illegible]	32.9	35.2	37.5	39.8	41.1	43.7	45.3	46.1	46.8	48.2	48.9	49.2	49.3	49.4	49.5	49.7	49.8	50.2
GE [illegible]	[illegible]	33.4	35.7	38.2	40.3	42.7	43.2	46.1	46.5	47.4	48.9	49.7	50.0	50.1	52.1	52.4	52.4	52.8
GE [illegible]	[illegible]	33.5	36.0	38.4	40.5	43.0	45.1	47.9	48.8	49.6	51.5	53.2	53.7	54.0	54.2	54.3	54.5	54.6	55.0
GE [illegible]	[illegible]	34.7	36.5	39.1	41.3	43.7	44.2	47.1	48.0	48.9	51.3	53.2	54.2	55.2	56.9	57.5	57.9	58.0	58.1	58.2	58.4	56.5	58.9
GE [illegible]	[illegible]	37.7	40.7	43.4	45.8	48.4	49.2	52.1	53.0	54.0	56.8	58.7	59.7	60.6	61.5	61.8	62.0	62.1	62.1	62.4	62.5	62.9
GE [illegible]	[illegible]	38.1	41.3	44.3	46.5	49.3	50.1	53.0	53.9	54.9	57.8	59.7	60.6	61.5	62.7	63.0	63.2	63.3	63.4	63.6	63.7	64.1
GE [illegible]	[illegible]	41.8	44.9	48.1	50.4	53.4	54.3	57.4	58.4	59.4	62.4	64.4	65.4	66.4	67.2	67.5	67.7	67.8	67.9	68.1	68.2	68.7
GE 1[illegible]	[illegible]	41.9	45.0	48.2	50.5	53.5	54.4	57.5	58.5	59.5	62.5	64.5	65.5	66.5	67.3	67.6	67.8	67.9	68.0	68.2	68.3	68.8
GE 1[illegible]	[illegible]	42.7	45.8	49.0	51.3	54.3	55.2	58.3	59.3	60.3	63.3	65.3	66.3	67.3	68.1	68.4	68.6	68.7	68.8	69.0	69.1	69.6
GE [illegible]	[illegible]	43.1	46.2	49.4	51.7	54.8	55.7	58.8	59.8	60.8	63.8	65.8	66.8	67.8	68.6	68.9	69.1	69.2	69.3	69.5	69.6	70.1
GE [illegible]	[illegible]	44.7	47.8	51.0	53.4	56.5	57.4	60.6	61.6	62.6	65.6	67.6	68.6	69.6	70.4	70.7	70.9	71.0	71.1	71.3	71.4	71.9
GE [illegible]	[illegible]	45.3	48.4	51.6	54.0	57.1	58.0	61.2	62.2	63.2	66.2	68.2	69.2	70.2	71.0	71.3	71.5	71.6	71.7	71.9	72.0	72.5
GE [illegible]	[illegible]	46.1	49.2	52.4	54.8	57.9	58.8	62.0	63.0	64.0	67.0	69.0	70.0	71.0	71.8	72.1	72.3	72.4	72.5	72.7	72.8	73.3
GE [illegible]	[illegible]	46.7	49.8	53.0	55.4	58.5	59.4	62.6	63.6	64.6	67.6	69.6	70.6	71.6	72.4	72.7	72.9	73.0	73.1	73.3	73.4	73.9
GE [illegible]	[illegible]	47.1	50.2	53.4	55.8	58.9	59.8	63.0	64.0	65.0	68.0	70.0	71.0	72.0	72.8	73.1	73.3	73.4	73.5	73.7	73.8	74.3
GE [illegible]	[illegible]	47.5	50.6	53.8	56.2	59.3	60.2	63.4	64.4	65.4	68.4	70.4	71.4	72.4	73.2	73.5	73.7	73.8	73.9	74.1	74.2	74.7
GE [illegible]	[illegible]	48.7	51.8	55.0	57.4	60.5	61.4	64.6	65.6	66.6	69.6	71.6	72.6	73.6	74.4	74.7	74.9	75.0	75.1	75.3	75.4	75.9
GE [illegible]	[illegible]	49.1	52.2	55.4	57.8	60.9	61.8	65.0	66.0	67.0	70.0	72.0	73.0	74.0	74.8	75.1	75.3	75.4	75.5	75.7	75.8	76.3
GE [illegible]	[illegible]	49.5	52.6	55.8	58.2	61.3	62.2	65.4	66.4	67.4	70.4	72.4	73.4	74.4	75.2	75.5	75.7	75.8	75.9	76.1	76.2	76.7
GE [illegible]	[illegible]	49.7	52.8	56.0	58.4	61.5	62.4	65.6	66.6	67.6	70.6	72.6	73.6	74.6	75.4	75.7	75.9	76.0	76.1	76.3	76.4	76.9
GE [illegible]	[illegible]	50.1	53.2	56.4	58.8	61.9	62.8	66.0	67.0	68.0	71.0	73.0	74.0	75.0	75.8	76.1	76.3	76.4	76.5	76.7	76.8	77.3
GE [illegible]	[illegible]	50.3	53.4	56.6	59.0	62.1	63.0	66.2	67.2	68.2	71.2	73.2	74.2	75.2	76.0	76.3	76.5	76.6	76.7	76.9	77.0	77.5
GE [illegible]	[illegible]	50.5	53.6	56.8	59.2	62.3	63.2	66.4	67.4	68.4	71.4	73.4	74.4	75.4	76.2	76.5	76.7	76.8	76.9	77.1	77.2	77.7
GE [illegible]	[illegible]	50.7	53.8	57.0	59.4	62.5	63.4	66.6	67.6	68.6	71.6	73.6	74.6	75.6	76.4	76.7	76.9	77.0	77.1	77.3	77.4	77.9
GE [illegible]	[illegible]	51.0	54.1	57.3	59.7	62.8	63.7	66.9	67.9	68.9	71.9	73.9	74.9	75.9	76.7	77.0	77.2	77.3	77.4	77.6	77.7	78.2
GE [illegible]	[illegible]	51.2	54.3	57.5	59.9	63.0	63.9	67.1	68.1	69.1	72.1	74.1	75.1	76.1	76.9	77.2	77.4	77.5	77.6	77.8	77.9	78.4
GE [illegible]	[illegible]	51.4	54.5	57.7	60.1	63.2	64.1	67.3	68.3	69.3	72.3	74.3	75.3	76.3	77.1	77.4	77.6	77.7	77.8	78.0	78.1	78.6
GE [illegible]	[illegible]	51.6	54.7	57.9	60.3	63.4	64.3	67.5	68.5	69.5	72.5	74.5	75.5	76.5	77.3	77.6	77.8	77.9	78.0	78.2	78.3	78.8
GE [illegible]	[illegible]	51.8	54.9	58.1	60.5	63.6	64.5	67.7	68.7	69.7	72.7	74.7	75.7	76.7	77.5	77.8	78.0	78.1	78.2	78.4	78.5	79.0
GE [illegible]	[illegible]	52.0	55.1	58.3	60.7	63.8	64.7	67.9	68.9	69.9	72.9	74.9	75.9	76.9	77.7	78.0	78.2	78.3	78.4	78.6	78.7	79.2
GE [illegible]	[illegible]	52.2	55.3	58.5	60.9	64.0	64.9	68.1	69.1	70.1	73.1	75.1	76.1	77.1	77.9	78.2	78.4	78.5	78.6	78.8	78.9	79.4
GE [illegible]	[illegible]	52.4	55.5	58.7	61.1	64.2	65.1	68.3	69.3	70.3	73.3	75.3	76.3	77.3	78.1	78.4	78.6	78.7	78.8	79.0	79.1	79.6
GE [illegible]	[illegible]	52.6	55.7	58.9	61.3	64.4	65.3	68.5	69.5	70.5	73.5	75.5	76.5	77.5	78.3	78.6	78.8	78.9	79.0	79.2	79.3	79.8
GE [illegible]	[illegible]	52.8	55.9	59.1	61.5	64.6	65.5	68.7	69.7	70.7	73.7	75.7	76.7	77.7	78.5	78.8	79.0	79.1	79.2	79.4	79.5	80.0
GE [illegible]	[illegible]	53.0	56.1	59.3	61.7	64.8	65.7	68.9	69.9	70.9	73.9	75.9	76.9	77.9	78.7	79.0	79.2	79.3	79.4	79.6	79.7	80.2
GE [illegible]	[illegible]	53.2	56.3	59.5	61.9	65.0	65.9	69.1	70.1	71.1	74.1	76.1	77.1	78.1	78.9	79.2	79.4	79.5	79.6	79.8	79.9	80.4
GE [illegible]	[illegible]	53.4	56.5	59.7	62.1	65.2	66.1	69.3	70.3	71.3	74.3	76.3	77.3	78.3	79.1	79.4	79.6	79.7	79.8	80.0	80.1	80.6
GE [illegible]	[illegible]	53.6	56.7	59.9	62.3	65.4	66.3	69.5	70.5	71.5	74.5	76.5	77.5	78.5	79.3	79.6	79.8	79.9	80.0	80.2	80.3	80.8
GE [illegible]	[illegible]	53.8	56.9	60.1	62.5	65.6	66.5	69.7	70.7	71.7	74.7	76.7	77.7	78.7	79.5	79.8	80.0	80.1	80.2	80.4	80.5	81.0
GE [illegible]	[illegible]	54.0	57.1	60.3	62.7	65.8	66.7	69.9	70.9	71.9	74.9	76.9	77.9	78.9	79.7	80.0	80.2	80.3	80.4	80.6	80.7	81.2
GE [illegible]	[illegible]	54.2	57.3	60.5	62.9	66.0	66.9	70.1	71.1	72.1	75.1	77.1	78.1	79.1	79.9	80.2	80.4	80.5	80.6	80.8	80.9	81.4
GE [illegible]	[illegible]	54.4	57.5	60.7	63.1	66.2	67.1	70.3	71.3	72.3	75.3	77.3	78.3	79.3	80.1	80.4	80.6	80.7	80.8	81.0	81.1	81.6
GE [illegible]	[illegible]	54.6	57.7	60.9	63.3	66.4	67.3	70.5	71.5	72.5	75.5	77.5	78.5	79.5	80.3	80.6	80.8	80.9	81.0	81.2	81.3	81.8
GE [illegible]	[illegible]	54.8	57.9	61.1	63.5	66.6	67.5	70.7	71.7	72.7	75.7	77.7	78.7	79.7	80.5	80.8	81.0	81.1	81.2	81.4	81.5	82.0
GE [illegible]	[illegible]	55.0	58.1	61.3	63.7	66.8	67.7	70.9	71.9	72.9	75.9	77.9	78.9	79.9	80.7	81.0	81.2	81.3	81.4	81.6	81.7	82.2
GE [illegible]	[illegible]	55.2	58.3	61.5	63.9	67.0	67.9	71.1	72.1	73.1	76.1	78.1	79.1	80.1	80.9	81.2	81.4	81.5	81.6	81.8	81.9	82.4
GE [illegible]	[illegible]	55.4	58.5	61.7	64.1	67.2	68.1	71.3	72.3	73.3	76.3	78.3	79.3	80.3	81.1	81.4	81.6	81.7	81.8	82.0	82.1	82.6
GE [illegible]	[illegible]	55.6	58.7	61.9	64.3	67.4	68.3	71.5	72.5	73.5	76.5	78.5	79.5	80.5	81.3	81.6	81.8	81.9	82.0	82.2	82.3	82.8
GE [illegible]	[illegible]	55.8	58.9	62.1	64.5	67.6	68.5	71.7	72.7	73.7	76.7	78.7	79.7	80.7	81.5	81.8	82.0	82.1	82.2	82.4	82.5	83.0
GE [illegible]	[illegible]	56.0	59.1	62.3	64.7	67.8	68.7	71.9	72.9	73.9	76.9	78.9	79.9	80.9	81.7	82.0	82.2	82.3	82.4	82.6	82.7	83.2
GE [illegible]	[illegible]	56.2	59.3	62.5	64.9	68.0	68.9	72.1	73.1	74.1	77.1	79.1	80.1	81.1	81.9	82.2	82.4	82.5	82.6	82.8	82.9	83.4
GE [illegible]	[illegible]	56.4	59.5	62.7	65.1	68.2	69.1	72.3	73.3	74.3	77.3	79.3	80.3	81.3	82.1	82.4	82.6	82.7	82.8	83.0	83.1	83.6
GE [illegible]	[illegible]	56.6	59.7	62.9	65.3	68.4	69.3	72.5	73.5	74.5	77.5	79.5	80.5	81.5	82.3	82.6	82.8	82.9	83.0	83.2	83.3	83.8
GE [illegible]	[illegible]	56.8	59.9	63.1	65.5	68.6	69.5	72.7	73.7	74.7	77.7	79.7	80.7	81.7	82.5	82.8	83.0	83.1	83.2	83.4	83.5	84.0
GE [illegible]	[illegible]	57.0	60.1	63.3	65.7	68.8	69.7	72.9	73.9	74.9	77.9	79.9	80.9	81.9	82.7	83.0	83.2	83.3	83.4	83.6	83.7	84.2
GE [illegible]	[illegible]	57.2	60.3	63.5	65.9	69.0	69.9	73.1	74.1	75.1	78.1	80.1	81.1	82.1	82.9	83.2	83.4	83.5	83.6	83.8	83.9	84.4
GE [illegible]	[illegible]	57.4	60.5	63.7	66.1	69.2	70.1	73.3	74.3	75.3	78.3	80.3	81.3	82.3	83.1	83.4	83.6	83.7	83.8	84.0	84.1	84.6
GE [illegible]	[illegible]	57.6	60.7	63.9	66.3	69.4	70.3	73.5	74.5	75.5	78.5	80.5	81.5	82.5	83.3	83.6	83.8	83.9	84.0	84.2	84.3	84.8
GE [illegible]	[illegible]	57.8	60.9	64.1	66.5	69.6	70.5	73.7	74.7	75.7	78.7	80.7	81.7	82.7	83.5	83.8	84.0	84.1	84.2	84.4	84.5	85.0
GE [illegible]	[illegible]	58.0	61.1	64.3	66.7	69.8	70.7	73.9	74.9	75.9	78.9	80.9	81.9	82.9	83.7	84.0	84.2	84.3	84.4	84.6	84.7	85.2
GE [illegible]	[illegible]	58.2	61.3	64.5	66.9	70.0	70.9	74.1	75.1	76.1	79.1	81.1	82.1	83.1	83.9	84.2	84.4	84.5	84.6	84.8	84.9	85.4
GE [illegible]	[illegible]	58.4	61.5	64.7	67.1	70.2	71.1	74.3	75.3	76.3	79.3	81.3	82.3	83.3	84.1	84.4	84.6	84.7	84.8	85.0	85.1	85.6
GE [illegible]	[illegible]	58.6	61.7	64.9	67.3	70.4	71.3	74.5	75.5	76.5	79.5	81.5	82.5	83.5	84.3	84.6	84.8	84.9	85.0	85.2	85.3	85.8
GE [illegible]	[illegible]	58.8	61.9	65.1	67.5	70.6	71.5	74.7	75.7	76.7	79.7	81.7	82.7	83.7	84.5	84.8	85.0	85.1	85.2	85.4	85.5	86.0
GE [illegible]	[illegible]	59.0	62.1	65.3	67.7	70.8	71.7	74.9	75.9	76.9	79.9	81.9	82.9	83.9	84.7	85.0	85.2	85.3	85.4	85.6	85.7	86.2
GE [illegible]	[illegible]	59.2	62.3	65.5	67.9	71.0	71.9	75.1	76.1	77.1	80.1	82.1	83.1	84.1	84.9	85.2	85.4	85.5	85.6	85.8	85.9	86.3
GE [illegible]	[illegible]	59.4	62.5	65.7	68.1	71.2	72.1	75.3	76.3	77.3	80.3	82.3	83.3	84.3	85.1	85.4	85.6	85.7	85.8	86.0	86.1	86.7
GE [illegible]	[illegible]	59.6	62.7	65.9	68.3	71.4	72.3	75.5	76.5	77.5	80.5	82.5	83.5	84.5	85.3	85.6	85.8	85.9	86.0	86.2	86.3	86.8
GE [illegible]	[illegible]	59.8	62.9	66.1	68.5	71.6	72.5	75.7	76.7	77.7	80.7	82.7	83.7	84.7	85.5	85.8	86.0	86.1	86.2	86.4	86.5	87.0
GE [illegible]	[illegible]	60.0	63.1	66.3	68.7	71.8	72.7	75.9	76.9	77.9	80.9	82.9	83.9	84.9	85.7	86.0	86.2	86.3	86.4	86.6	86.7	87.2
GE [illegible]	[illegible]	60.2	63.3	66.5	68.9	72.0	72.9	76.1	77.1	78.1	81.1	83.1	84.1	85.1	85.9	86.2	86.4	86.5	86.6	86.8	86.9	87.4
GE [illegible]	[illegible]	60.4	63.5	66.7	69.1	72.2	73.1	76.3	77.3	78.3	81.3	83.3	84.3	85.3	86.1	86.4	86.6	86.7	86.8	87.0	87.1	87.6
GE [illegible]	[illegible]	60.6	63.7	66.9	69.3	72.4	73.3	76.5	77.5	78.5	81.5	83.5	84.5	85.5	86.3	86.6	86.8	86.9	87.0	87.2	87.3	87.8
GE [illegible]	[illegible]	60.8	63.9	67.1	69.5	72.6	73.5	76.7	77.7	78.7	81.7	83.7	84.7	85.7	86.5	86.8	87.0	87.1	87.2	87.4	87.5	88.0
GE [illegible]	[illegible]	61.0	64.1	67.3	69.7	72.8	73.7	76.9	77.9	78.9	81.9	83.9	84.9	85.9	86.7	87.0	87.2	87.3	87.4	87.6	87.7	88.2
GE [illegible]	[illegible]	61.2	64.3	67.5	69.9	73.0	73.9	77.1	78.1	79.1	82.1	84.1	85.1	86.1	86.9	87.2	87.4	87.5	87.6	87.8	87.9	88.4
GE [illegible]	[illegible]	61.4	64.5	67.7	70.1	73.2	74.1	77.3	78.3	79.3	82.3	84.3	85.3	86.3	87.1	87.4	87.6	87.7	87.8	88.0	88.1	88.6
GE [illegible]	[illegible]	61.6	64.7	67.9	70.3	73.4	74.3	77.5	78.5	79.5	82.5	84.5	85.5	86.5	87.3	87.6	87.8	87.9	88.0	88.2	88.3	88.8
GE [illegible]	[illegible]	61.8	64.9	68.1	70.5	73.6	74.5	77.7	78.7	79.7	82.7	84.7	85.7	86.7	87.5	87.8	88.0	88.1	88.2	88.4	88.5	89.0
GE [illegible]	[illegible]	62.0	65.1	68.3	70.7	73.8	74.7	77.9	78.9	79.9	82.9	84.9	85.9	86.9	87.7	88.0	88.2	88.3	88.4	88.6	88.7	89.2
GE [illegible]	[illegible]	62.2	65.3	68.5	70.9	74.0	74.9	78.1	79.1	80.1	83.1	85.1	86.1	87.1	87.9	88.2	88.4	88.5	88.6	88.8	88.9	89.4
GE [illegible]	[illegible]	62.4	65.5	68.7	71.1	74.2	75.1	78.3	79.3	80.3	83.3	85.3	86.3	87.3	88.1	88.4	88.6	88.7	88.8	89.0	89.1	89.6
GE [illegible]	[illegible]	62.6	65.7	68.9	71.3	74.4	75.3	78.5	79.5	80.5	83.5	85.5	86.5	87.5	88.3	88.6	88.8	88.9	89.0	89.2	89.3	89.8
GE [illegible]	[illegible]	62.8	65.9	69.1	71.5	74.6	75.5	78.7	79.7	80.7	83.7	85.7	86.7	87.7	88.5	88.8	89.0	89.1	89.2	89.4	89.5	89.9
GE [illegible]	[illegible]	63.0	66.1	69.3	71.7	74.8	75.7	78.9	79.9	80.9	83.9	85.9	86.9	87.9	88.7	89.0	89.2	89.3	89.4	89.6	89.7	90.2
GE [illegible]	[illegible]	63.2	66.3	69.5	71.9	75.0	75.9	79.1	80.1	81.1	84.1	86.1	87.1	88.1	88.9	89.2	89.4	89.5	89.6	89.8	89.9	90.4
GE [illegible]	[illegible]	63.4	66.5	69.7	72.1	75.2	76.1	79.3	80.3	81.3	84.3	86.3	87.3	88.3	89.1	89.4	89.6	89.7	89.8	90.0	90.1	90.6
GE [illegible]	[illegible]	63.6	66.7	69.9	72.3	75.4	76.3	79.5	80.5	81.5	84.5	86.5	87.5	88.5	89.3	89.6	89.8	89.9	90.0	90.2	90.3	90.8
GE [illegible]	[illegible]	63.8	66.9	70.1	72.5	75.6	76.5	79.7	80.7	81.7	84.7	86.7	87.7	88.7	89.5	89.8	90.0	90.1	90.2	90.4	90.5	91.0
GE [illegible]	[illegible]	64.0	67.1	70.3	72.7	75.8	76.7	79.9	80.9	81.9	84.9	86.9	87.9	88.9	89.7	90.0	90.2	90.3	90.4	90.6	90.7	91.2
GE [illegible]	[illegible]	64.2	67.3	70.5	72.9	76.0	76.9	80.1	81.1	82.1	85.1	87.1	88.1	89.1	89.9	90.2	90.4	90.5	90.6	90.8	90.9	91.4
GE [illegible]	[illegible]	64.4	67.5	70.7	73.1	76.2	77.1	80.3	81.3	82.3	85.3	87.3	88.3	89.3	90.1	90.4	90.6	90.7	90.8	91.0	91.1	91.6
GE [illegible]	[illegible]	64.6	67.7	70.9	73.3	76.4	77.3	80.5	81.5	82.5	85.5	87.5	88.5	89.5	90.3	90.6	90.8	90.9	91.0	91.2	91.3	91.8
GE [illegible]	[illegible]	64.8	67.9	71.1	73.5	76.6	77.5	80.7	81.7	82.7	85.7	87.7	88.7	89.7	90.5	90.8	91.0	91.1	91.2	91.4	91.5	92.0
GE [illegible]	[illegible]	65.0	68.1	71.3	73.7	76.8	77.7	80.9	81.9	82.9	85.9	87.9	88.9	89.9	90.7	91.0	91.2	91.3	91.4	91.6	91.7	92.2
GE [illegible]	[illegible]	65.2	68.3	71.5	73.9	77.0	77.9	81.1	82.1	83.1	86.1	88.1	89.1	90.1	90.9	91.2	91.4	91.5	91.6	91.8	91.9	92.4
GE [illegible]	[illegible]	65.4	68.5	71.7	74.1	77.2	78.1	81.3	82.3	83.3	86.3	88.3	89.3	90.3	91.1	91.4	91.6	91.7	91.8	92.0	92.1	92.6
GE [illegible]	[illegible]	65.6	68.7	71.9	74.3	77.4	78.3	81.5	82.5	83.5	86.5	88.5	89.5	90.5	91.3	91.6	91.8	91.9	92.0	92.2	92.3	92.8
GE [illegible]	[illegible]	65.8	68.9	72.1	74.5	77.6	78.5	81.7	82.7	83.7	86.7	88.7	89.7	90.7	91.5	91.8	92.0	92.1	92.2	92.4	92.5	92.9
GE [illegible]	[illegible]	66.0	69.1	72.3	74.7	77.8	78.7	81.9	82.9	83.9	86.9	88.9	89.9	90.9	91.7	92.0	92.2	92.3	92.4	92.6	92.7	93.2
GE [illegible]	[illegible]	66.2	69.3	72.5	74.9	78.0	78.9	82.1	83.1	84.1	87.1	89.1	90.1	91.1	91.9	92.2	92.4	92.5	92.6	92.8	92.9	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	19.9	21.2	23.6	25.7	26.1	26.4	27.7	27.8	28.2	28.4	28.7	29.4	29.6	29.6	30.8
GE 150 FT	23.6	25.3	27.8	29.9	30.8	31.1	32.5	32.7	33.0	33.3	33.5	34.2	34.5	34.5	35.7
GE 100 FT	23.6	25.3	27.8	29.9	30.8	31.1	32.5	32.7	33.0	33.3	33.5	34.2	34.5	34.5	35.7
GE 200 FT	23.6	25.3	27.8	29.9	30.8	31.1	32.5	32.7	33.0	33.3	33.5	34.2	34.5	34.5	35.7
GE 1000 FT	24.2	25.9	28.4	30.5	31.4	31.7	33.1	33.3	33.6	33.9	34.1	34.8	35.1	35.1	36.3
GE 1200 FT	24.6	26.3	28.6	30.8	31.8	32.0	33.5	33.6	34.0	34.2	34.5	35.2	35.4	35.4	36.6
GE 1500 FT	25.6	27.5	30.0	32.0	33.0	33.2	34.7	34.8	35.2	35.5	35.8	36.5	36.7	36.7	38.0
GE 1800 FT	26.6	28.3	30.8	32.9	33.9	34.1	35.5	35.7	36.0	36.4	36.6	37.3	37.6	37.6	38.8
GE 2000 FT	27.1	28.8	31.0	33.0	34.1	34.3	35.6	35.9	36.3	36.6	36.9	37.6	37.8	37.8	39.0
GE 2500 FT	27.8	29.5	31.6	33.6	34.7	34.9	36.4	36.5	36.9	37.2	37.5	38.2	38.4	38.4	39.6
GE 3000 FT	28.2	30.1	32.0	34.2	35.2	35.4	36.8	36.9	37.3	37.7	38.0	38.7	39.0	39.0	40.2
GE 3500 FT	28.7	30.6	32.5	34.7	35.7	35.9	37.3	37.4	37.8	38.2	38.5	39.2	39.4	39.4	40.6
GE 4000 FT	29.1	31.0	32.9	35.1	36.2	36.4	37.8	37.9	38.3	38.7	39.0	39.7	39.9	39.9	41.1
GE 4500 FT	29.3	31.2	33.1	35.3	36.4	36.6	38.0	38.1	38.5	38.9	39.2	39.9	40.1	40.1	41.3
GE 5000 FT	29.5	31.4	33.3	35.5	36.6	36.8	38.2	38.3	38.7	39.1	39.4	40.1	40.3	40.3	41.5
GE 6000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 7000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 8000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 9000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 10000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 12000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 15000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 18000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 20000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 25000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 30000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 35000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 40000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 45000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 50000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 55000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 60000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 65000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 70000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 75000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 80000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 85000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 90000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 95000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6
GE 100000 FT	29.6	31.5	33.4	35.6	36.7	36.9	38.3	38.4	38.8	39.2	39.5	40.2	40.4	40.4	41.6

TOTAL NUMBER OF OBSERVATIONS: 420

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03495 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2	GE 1	GE 3/4	GE 1/2	GE 1/4	GE 0
NO CEIL	17.7	18.4	19.5	21.5	27.4	23.4	24.2	25.0	25.3	25.3	25.3	25.3	25.6	25.8	25.8	26.9
GE 22000	19.5	21.5	22.5	24.5	25.6	26.5	27.4	28.1	28.5	28.5	28.5	28.5	28.7	29.0	29.0	30.1
GE 18000	19.5	21.5	22.5	24.5	25.6	26.5	27.4	28.1	28.5	28.5	28.5	28.5	28.7	29.0	29.0	30.1
GE 14000	19.5	21.5	22.5	24.5	25.6	26.5	27.4	28.1	28.5	28.5	28.5	28.5	28.7	29.0	29.0	30.1
GE 10000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 9000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 8000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 7000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 6000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 5000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 4500	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 4000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 3500	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 3000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 2500	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 2000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 1800	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 1600	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 1400	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 1200	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 1000	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 900	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 800	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 700	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 600	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 500	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 400	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 300	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 200	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 100	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4
GE 0	19.7	21.8	22.9	24.8	25.9	26.9	27.8	28.5	28.8	28.8	28.8	28.8	29.1	29.3	29.3	30.4

TOTAL NUMBER OF OBSERVATIONS: 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03045 STATION NAME: PRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 50	GE 40	GE 30	GE 20	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0.5	GE 0.4	GE 0
NO CEIL	17.4	17.7	18.2	19.4	19.9	20.2	21.1	21.9	22.5	22.6	22.8	23.1	23.2	23.6	24.1	24.7
GE [illegible]	19.9	22.5	23.4	24.8	25.4	25.8	27.1	28.0	28.6	28.7	28.9	29.3	29.5	29.9	30.4	31.0
GE 15000	17.1	22.6	23.5	25.1	25.7	26.4	27.4	28.2	28.8	28.9	29.2	29.5	29.8	30.1	30.6	31.2
GE 10000	17.1	22.6	23.5	25.1	25.7	26.4	27.4	28.2	28.8	28.9	29.2	29.5	29.8	30.1	30.6	31.2
GE 7000	17.4	23.3	23.8	25.4	26.0	26.8	27.7	28.6	29.2	29.3	29.5	29.9	30.1	30.5	31.0	31.6
GE 5000	17.8	23.5	24.2	25.9	26.5	27.2	28.2	29.1	29.7	29.8	30.0	30.4	30.6	31.0	31.5	32.1
GE [illegible]	18.9	25.1	26.2	27.7	28.6	29.3	30.3	31.4	32.0	32.1	32.3	32.7	32.9	33.3	33.8	34.4
GE 3000	19.7	26.3	27.2	29.1	30.0	30.8	31.7	32.8	33.4	33.5	33.8	34.1	34.4	34.7	35.2	35.8
GE 2500	19.7	26.4	27.4	29.2	30.1	30.9	31.8	32.9	33.5	33.7	33.9	34.3	34.5	34.9	35.4	36.0
GE 2000	20.2	27.1	28.1	29.9	30.9	31.8	32.8	33.7	34.3	34.4	34.6	35.0	35.2	35.6	36.1	36.7
GE 1500	21.0	27.6	28.7	30.5	31.6	32.3	33.3	34.4	35.0	35.1	35.4	35.7	36.0	36.3	36.8	37.4
GE 1000	21.5	28.5	29.6	31.5	32.6	33.3	34.3	35.4	36.0	36.1	36.4	36.8	37.0	37.4	37.9	38.5
GE 800	21.8	28.6	29.8	31.7	32.8	33.5	34.5	35.6	36.2	36.3	36.6	37.0	37.2	37.6	38.1	38.7
GE 600	22.0	28.9	30.1	32.0	33.1	33.8	34.8	35.9	36.5	36.6	36.9	37.3	37.5	37.9	38.4	39.0
GE 500	22.1	29.1	30.2	32.1	33.2	33.9	34.9	36.0	36.6	36.7	37.0	37.4	37.6	38.0	38.5	39.1
GE 400	22.2	29.2	30.3	32.2	33.3	34.0	35.0	36.1	36.7	36.8	37.1	37.5	37.7	38.1	38.6	39.2
GE 300	22.3	29.3	30.4	32.3	33.4	34.1	35.1	36.2	36.8	36.9	37.2	37.6	37.8	38.2	38.7	39.3
GE 200	22.3	29.3	30.4	32.3	33.4	34.1	35.1	36.2	36.8	36.9	37.2	37.6	37.8	38.2	38.7	39.3
GE 150	22.3	29.3	30.4	32.3	33.4	34.1	35.1	36.2	36.8	36.9	37.2	37.6	37.8	38.2	38.7	39.3
GE 100	22.3	29.3	30.4	32.3	33.4	34.1	35.1	36.2	36.8	36.9	37.2	37.6	37.8	38.2	38.7	39.3
GE 0	22.3	29.3	30.4	32.3	33.4	34.1	35.1	36.2	36.8	36.9	37.2	37.6	37.8	38.2	38.7	39.3

TOTAL NUMBER OF OBSERVATIONS: 966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 037490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 50	GE 50	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	13.7	14.7	15.4	16.5	16.7	17.0	17.7	18.1	18.8	16.9	19.2	19.0	19.3	19.5	19.8	20.0
GE 2500	23.9	23.5	24.3	26.3	27.0	27.5	28.6	29.3	30.2	30.5	30.7	30.7	31.0	31.3	31.6	31.9
GE 1800	23.9	23.5	24.3	26.3	27.0	27.5	28.6	29.3	30.2	30.5	30.7	30.7	31.0	31.3	31.6	31.9
GE 1500	23.9	23.5	24.3	26.3	27.0	27.5	28.6	29.3	30.2	30.5	30.7	30.7	31.0	31.3	31.6	31.9
GE 1000	24.8	24.5	25.3	27.2	28.0	28.4	29.5	30.2	31.2	31.4	31.7	31.7	31.9	32.3	32.5	32.9
GE 700	25.8	25.4	26.3	28.3	29.2	29.6	30.7	31.4	32.5	32.8	33.1	33.1	33.4	33.7	34.0	34.3
GE 500	27.0	26.6	28.3	31.4	32.3	32.9	34.0	34.7	35.6	36.0	36.4	36.4	36.6	37.0	37.2	37.6
GE 400	29.6	29.4	31.0	33.1	34.0	34.6	35.6	36.5	37.7	38.1	38.4	38.4	38.7	39.0	39.3	39.6
GE 300	30.5	30.2	31.1	33.3	34.1	34.7	35.9	36.6	37.8	38.2	38.6	38.6	38.8	39.2	39.4	39.8
GE 200	31.1	30.8	31.6	33.7	34.6	35.2	36.4	37.1	38.2	38.7	39.0	39.0	39.3	39.6	39.9	40.2
GE 0	32.4	31.3	32.5	34.6	35.7	36.3	37.5	38.2	39.4	39.8	40.1	40.1	40.4	40.7	41.0	41.3
GE 1000	39.9	39.7	39.1	37.6	38.2	39.0	40.2	41.0	42.2	42.7	43.0	43.0	43.3	43.6	43.9	44.2
GE 800	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 600	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 400	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 300	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 200	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 100	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 0	40.2	39.2	38.6	36.8	37.6	38.4	41.0	41.7	42.1	42.5	42.9	43.9	44.1	44.5	44.7	45.1
GE 1000	42.0	41.2	42.9	46.3	47.2	48.2	50.0	50.7	52.0	52.6	53.1	53.1	53.5	53.9	54.1	54.5
GE 800	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 600	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 400	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 300	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 200	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 100	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 0	42.0	42.0	43.3	46.6	47.5	48.2	50.2	51.1	52.5	53.1	53.5	53.5	53.9	54.3	54.5	54.9
GE 1000	44.4	44.5	46.5	50.0	51.4	52.4	54.3	55.7	57.1	57.8	58.2	58.2	58.6	58.9	59.2	59.5
GE 800	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 600	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 400	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 300	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 200	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 100	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 0	44.8	44.6	46.6	50.2	51.6	52.6	54.6	55.9	57.3	58.0	58.4	58.4	58.8	59.1	59.4	59.7
GE 1000	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 800	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 600	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 400	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 300	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 200	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 100	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 0	47.1	47.0	48.6	52.3	53.8	54.8	56.9	58.3	59.8	60.5	61.0	61.0	61.4	61.8	62.1	62.4
GE 1000	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 800	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 600	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 400	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 300	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 200	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 100	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 0	49.7	49.6	51.3	55.1	56.7	57.8	60.0	61.5	63.1	63.8	64.4	64.4	64.8	65.2	65.5	65.9
GE 1000	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 800	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 600	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 400	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 300	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 200	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 100	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 0	52.1	52.0	53.8	57.8	59.6	60.7	63.0	64.6	66.3	67.0	67.7	67.7	68.1	68.5	68.8	69.2
GE 1000	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 800	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 600	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 400	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 300	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 200	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 100	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 0	54.1	54.0	55.8	59.8	61.6	62.7	65.0	66.6	68.3	69.0	69.7	69.7	70.1	70.5	70.8	71.2
GE 1000	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 800	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 600	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 400	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 300	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 200	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 100	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 0	55.7	55.6	57.4	61.5	63.3	64.5	66.9	68.6	70.3	71.0	71.7	71.7	72.1	72.5	72.8	73.2
GE 1000	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 800	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 600	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 400	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 300	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 200	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 100	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 0	57.4	57.3	59.2	63.4	65.3	66.5	68.9	70.7	72.5	73.2	73.9	73.9	74.3	74.7	75.0	75.4
GE 1000	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 800	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 600	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 400	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 300	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 200	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 100	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 0	59.1	59.1	60.9	65.2	67.3	68.2	71.7	73.6	75.5	76.2	77.0	77.0	77.4	77.8	78.2	78.6
GE 1000	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 800	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 600	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 400	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 300	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 200	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 100	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 0	60.2	60.2	62.7	66.7	68.7	69.7	72.2	73.9	75.8	76.5	77.3	77.3	77.7	78.1	78.4	78.9
GE 1000	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 800	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 600	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 400	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 300	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 200	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 100	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 0	61.1	61.2	63.7	67.8	69.9	71.0	73.6	75.4	77.3	78.0	78.8	78.8	79.2	79.6	79.9	80.4
GE 1000	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 800	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 600	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 400	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 300	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 200	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 100	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 0	62.1	62.2	64.7	68.7	70.9	72.2	74.9	76.6	78.5	79.2	80.0	80.0	80.4	80.8	81.1	81.7
GE 1000	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 800	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 600	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 400	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 300	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 200	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 100	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 0	62.7	62.7	64.7	68.7	70.7	72.0	74.7	76.4	78.3	79.0	79.8	79.8	80.2	80.6	80.9	81.5
GE 1000	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 800	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 600	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 400	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 300	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 200	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 100	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 0	63.6	63.6	65.6	69.6	71.6	72.9	75.6	77.4	79.3	80.0	80.8	80.8	81.2	81.6	81.9	82.5
GE 1000	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 800	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 600	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 400	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 300	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 200	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 100	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 0	64.1	64.2	66.2	70.2	72.2	73.5	76.2	78.0	79.9	80.6	81.4	81.4	81.8	82.2	82.5	83.1
GE 1000	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 800	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 600	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 400	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 300	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 200	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 100	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 0	64.7	64.7	66.7	70.8	72.9	74.2	76.9	78.8	80.7	81.4	82.2	82.2	82.6	83.1	83.4	83.7
GE 1000	65.7	65.7	67.8	72.0	74.1	75.4	78.1	80.0	81.9	82.6	83.4	83.4	83.8	84.3	84.6	85.2
GE 800	65.7	65.7	67.8	72.0	74.1	75.4	78.1	80.0	81.9	82.6	83.4	83.4	83.8	84.3	84.6	85.2
GE 600	65.7	65.7	67.8	72.0	74.1	75.4	78.1	80.0	81.9	82.6	83.4	83.4	83.8	84.3	84.6	85.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 80	GE 72	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	16.2	17.0	18.0	19.2	19.7	20.0	20.4	20.4	20.9	21.0	21.0	21.0	21.1	21.1	21.4
GE 20000	26.4	27.6	29.4	31.2	31.8	32.2	32.8	32.8	33.3	33.5	33.5	33.5	33.7	33.7	34.0
GE 15000	26.5	27.7	29.6	31.4	32.0	32.3	32.9	32.9	33.4	33.7	33.7	33.7	33.8	33.8	34.1
GE 12000	26.5	27.7	29.6	31.4	32.0	32.3	32.9	32.9	33.4	33.7	33.7	33.7	33.8	33.8	34.1
GE 10000	27.4	28.7	30.5	32.4	33.1	33.4	34.0	34.0	34.5	34.7	34.7	34.7	34.9	34.9	35.2
GE 7000	28.0	29.3	29.8	32.6	34.0	34.6	35.0	35.6	35.6	36.1	36.3	36.3	36.3	36.4	36.8
GE 5000	31.4	32.6	33.4	35.7	37.9	38.5	38.8	39.6	39.6	40.0	40.3	40.3	40.3	40.4	40.8
GE 4500	32.0	32.7	34.6	36.9	39.1	39.7	40.0	40.8	40.8	41.3	41.5	41.5	41.5	41.6	42.0
GE 4000	32.4	33.2	35.2	37.5	39.7	40.3	40.7	41.4	41.4	41.9	42.1	42.1	42.1	42.2	42.6
GE 3500	32.4	33.2	35.2	37.5	39.7	40.3	40.7	41.4	41.4	41.9	42.1	42.1	42.1	42.2	42.6
GE 3000	32.8	33.5	35.5	37.8	39.9	40.5	40.9	41.6	41.6	42.1	42.3	42.3	42.3	42.5	42.8
GE 2500	33.4	34.4	36.3	38.6	40.8	41.4	41.7	42.5	42.5	42.9	43.2	43.2	43.2	43.3	43.7
GE 2200	37.2	38.2	39.4	41.9	44.1	44.9	45.2	46.0	46.0	46.4	46.7	46.7	46.7	46.8	47.2
GE 2000	37.6	38.9	40.2	42.8	45.2	46.1	46.6	47.3	47.3	47.8	48.0	48.0	48.0	48.1	48.5
GE 1800	38.0	39.2	40.7	42.9	45.6	46.5	46.9	47.6	47.6	48.1	48.3	48.3	48.3	48.4	48.8
GE 1600	38.6	39.8	41.4	43.7	46.3	47.2	47.6	48.3	48.3	48.8	49.0	49.0	49.0	49.1	49.5
GE 1400	39.5	40.7	42.4	44.6	47.2	48.1	48.5	49.2	49.2	49.7	49.9	49.9	49.9	50.0	50.4
GE 1200	40.2	41.4	43.2	45.4	48.0	48.9	49.3	50.0	50.0	50.5	50.7	50.7	50.7	50.8	51.2
GE 1000	41.0	42.2	44.0	46.3	48.9	49.8	50.3	50.9	51.0	51.5	51.7	51.7	51.7	51.9	52.2
GE 900	41.4	42.6	44.4	46.6	49.3	50.2	50.7	51.3	51.4	51.9	52.1	52.1	52.1	52.3	52.6
GE 800	41.8	43.0	44.8	47.0	49.7	50.6	51.1	51.7	51.8	52.3	52.5	52.5	52.5	52.7	53.0
GE 700	42.1	43.3	45.1	47.3	50.0	50.9	51.4	52.0	52.1	52.6	52.8	52.8	52.8	53.0	53.3
GE 600	42.5	43.7	45.5	47.7	50.4	51.3	51.8	52.4	52.5	53.0	53.2	53.2	53.2	53.4	53.7
GE 500	42.9	44.1	45.9	48.1	50.8	51.7	52.2	52.8	52.9	53.4	53.6	53.6	53.6	53.8	54.1
GE 450	43.0	44.2	46.0	48.2	50.9	51.8	52.3	52.9	53.0	53.5	53.7	53.7	53.7	53.9	54.2
GE 400	43.1	44.3	46.1	48.3	51.0	51.9	52.4	53.0	53.1	53.6	53.8	53.8	53.8	54.0	54.3
GE 350	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 300	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 250	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 200	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 150	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 100	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4
GE 0	43.2	44.4	46.2	48.4	51.1	52.0	52.5	53.1	53.2	53.7	53.9	53.9	53.9	54.1	54.4

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03692 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	15.3	15.6	17.0	18.0	19.1	19.2	19.6	19.8	20.0	20.1	20.1	20.1	20.2	20.3	20.3	20.6
GE 22000	19.7	26.6	28.1	29.9	31.4	31.9	32.5	32.6	33.0	33.1	33.1	33.1	33.2	33.3	33.3	33.6
GE 17000	19.7	26.6	28.2	30.0	31.5	32.0	32.6	33.0	33.1	33.2	33.2	33.2	33.3	33.5	33.5	33.7
GE 12000	19.7	26.8	28.2	30.0	31.5	32.0	32.6	33.0	33.1	33.2	33.2	33.2	33.3	33.5	33.5	33.7
GE 10000	20.2	27.3	29.0	31.0	32.5	33.0	33.5	34.2	34.5	34.7	34.8	34.8	34.9	35.0	35.0	35.3
GE 7000	21.5	29.4	31.0	33.3	34.9	35.3	36.0	36.4	36.5	36.6	36.6	36.6	36.7	36.9	36.9	37.1
GE 5000	27.2	31.3	32.8	35.4	36.9	37.5	38.3	38.7	38.8	38.9	38.9	39.1	39.2	39.3	39.3	39.5
GE 3000	27.5	31.9	33.5	36.0	37.5	38.1	39.1	39.5	39.7	39.8	39.8	39.9	40.0	40.1	40.1	40.4
GE 2000	27.5	31.9	33.5	36.0	37.5	38.1	39.1	39.5	39.7	39.8	39.8	39.9	40.0	40.1	40.1	40.4
GE 1500	27.6	32.0	33.7	36.3	37.7	38.3	39.3	39.6	39.9	40.0	40.0	40.1	40.3	40.4	40.4	40.6
GE 1000	28.1	32.7	34.4	37.0	38.6	39.2	40.3	40.9	41.0	41.1	41.1	41.2	41.4	41.5	41.5	41.7
GE 700	35.2	35.6	37.5	40.6	42.2	42.8	43.9	45.0	45.1	45.5	45.5	45.6	45.7	45.9	45.9	46.1
GE 500	36.7	37.5	39.3	42.5	44.4	45.0	46.2	47.4	47.7	48.1	48.1	48.2	48.3	48.4	48.4	48.7
GE 400	37.3	38.9	40.8	43.9	45.9	46.5	47.9	49.3	49.5	49.9	49.9	50.0	50.1	50.2	50.2	50.5
GE 300	38.2	40.1	42.0	45.3	47.2	47.8	49.5	50.9	51.1	51.5	51.5	51.6	51.7	51.8	51.8	52.1
GE 200	39.9	43.4	45.3	48.5	50.5	51.2	52.9	54.5	54.7	55.1	55.1	55.2	55.4	55.5	55.5	55.7
GE 150	43.0	45.9	47.7	51.3	53.3	54.0	55.7	57.5	57.8	58.3	58.3	58.4	58.5	58.6	58.6	58.9
GE 100	49.6	50.1	52.1	55.7	58.0	58.9	60.9	62.6	63.0	63.5	63.5	63.6	63.7	63.9	63.9	64.1
GE 70	50.3	51.3	53.4	57.3	59.6	60.5	62.7	64.5	64.7	65.2	65.2	65.3	65.5	65.6	65.6	65.8
GE 50	54.1	55.1	57.4	61.4	63.7	64.6	67.0	69.1	69.6	70.3	70.3	70.4	70.6	70.7	70.7	70.9
GE 30	59.9	61.1	62.7	66.8	70.2	71.0	73.2	75.3	76.0	76.8	76.8	76.9	77.0	77.1	77.1	77.4
GE 20	61.9	63.0	65.1	69.7	73.2	74.3	76.5	78.6	79.4	80.2	80.3	80.4	80.5	80.7	80.7	80.9
GE 15	63.7	65.3	66.4	71.0	74.7	75.8	78.0	80.0	80.9	81.6	81.8	81.9	82.0	82.1	82.1	82.4
GE 10	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 7	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 5	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 4	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 3	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 2	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 1	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7
GE 0	64.1	65.7	66.7	71.3	75.0	76.1	78.3	80.3	81.2	81.9	82.1	82.2	82.3	82.4	82.4	82.7

TOTAL NUMBER OF OBSERVATIONS: 942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	TOT	VISIBILITY IN HUNDREDS OF METERS GE 80	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	18.4	19.4	20.6	21.6	22.8	23.4	25.1	25.5	25.6	26.0	26.0	26.1	26.3	26.5	27.2
GE 22000	1.6	24.0	25.7	27.0	28.4	28.9	29.8	31.6	32.0	32.4	32.7	32.7	32.8	32.9	33.1	33.9
GE 18000	19.7	24.1	25.9	27.1	28.6	29.0	29.9	31.7	32.2	32.5	32.9	32.8	32.9	33.0	33.3	34.0
GE 16000	19.7	24.5	26.3	27.6	29.0	29.5	30.4	32.2	32.7	33.0	33.3	33.3	33.4	33.5	33.7	34.5
GE 14000	19.7	24.9	26.7	28.1	29.5	30.0	30.8	32.7	33.1	33.7	34.0	34.0	34.1	34.2	34.5	35.2
GE 12000	19.9	25.8	27.6	29.3	30.7	31.2	32.0	33.9	34.7	34.9	35.2	35.2	35.3	35.4	35.7	36.4
GE 10000	20.8	27.5	29.5	31.2	32.2	32.3	34.2	36.1	36.6	37.2	37.5	37.5	37.6	37.7	38.0	38.7
GE 9000	21.2	28.0	30.0	31.7	33.4	33.5	34.9	36.9	37.3	38.0	38.2	38.2	38.3	38.4	38.7	39.4
GE 8000	21.2	28.1	30.2	32.2	34.0	34.5	35.5	37.5	38.0	38.6	38.8	38.8	38.9	39.0	39.3	40.0
GE 7000	21.4	28.3	30.5	32.5	34.5	34.9	36.0	38.0	38.4	39.0	39.3	39.3	39.4	39.5	39.8	40.5
GE 6000	22.3	29.4	31.8	33.9	36.1	36.6	37.8	40.0	40.5	41.1	41.3	41.3	41.4	41.6	41.8	42.5
GE 5000	24.7	32.0	34.6	37.0	39.4	39.9	41.1	43.6	44.2	44.8	45.1	45.1	45.2	45.3	45.5	46.3
GE 4500	24.7	32.3	35.0	38.3	41.0	41.4	42.9	45.7	46.4	47.0	47.2	47.2	47.3	47.5	47.7	48.4
GE 4000	26.3	35.3	38.3	40.6	43.3	43.7	45.2	48.2	48.9	49.5	49.8	49.8	49.9	50.0	50.2	51.0
GE 3500	27.8	37.2	39.6	42.2	45.1	45.5	47.0	50.0	50.8	51.4	51.7	51.7	51.8	51.9	52.2	52.9
GE 3000	28.0	39.6	42.5	45.3	48.3	48.7	50.2	53.4	54.2	55.1	55.3	55.3	55.4	55.5	55.8	56.5
GE 2500	31.4	42.5	45.5	48.4	51.4	51.9	53.6	56.7	57.6	58.4	58.7	58.7	58.8	58.9	59.2	59.9
GE 2200	34.7	46.0	49.4	52.5	55.5	56.1	58.0	61.3	62.2	63.0	63.3	63.3	63.4	63.5	63.7	64.5
GE 2000	36.9	48.9	52.4	55.6	58.7	59.2	61.2	64.8	65.7	66.5	66.8	66.8	66.9	67.0	67.2	68.0
GE 1800	37.9	50.3	53.9	57.2	60.4	60.9	62.9	66.5	67.4	68.2	68.5	68.5	68.6	68.7	68.9	69.7
GE 1600	38.1	50.8	54.4	57.8	61.0	61.5	63.5	67.2	68.1	68.9	69.2	69.2	69.3	69.4	69.6	70.5
GE 1400	38.2	50.9	54.5	57.9	61.1	61.6	63.6	67.3	68.2	69.0	69.3	69.3	69.4	69.5	69.7	70.6
GE 1200	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 1000	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 900	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 800	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 700	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 600	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 500	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 400	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 300	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 200	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 100	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7
GE 0	38.2	51.0	54.6	58.0	61.2	61.7	63.7	67.4	68.3	69.1	69.4	69.4	69.5	69.6	69.8	70.7

TOTAL NUMBER OF OBSERVATIONS: 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036992 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-85
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.0	19.6	20.2	21.6	23.9	24.3	24.6	26.1	26.7	27.2	27.5	27.6	27.9	28.1	28.1	29.8
GE 25000	19.7	22.7	24.4	26.1	28.5	28.8	29.2	30.6	31.3	31.7	32.2	32.3	32.6	32.8	32.8	34.5
GE 18000	19.7	22.7	24.4	26.1	28.5	28.8	29.2	30.6	31.3	31.7	32.2	32.3	32.6	32.8	32.8	34.5
GE 12000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 10000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 9000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 8000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 7000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 6000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 5000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 4500	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 4000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 3500	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 3000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 2500	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 2000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 1800	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 1600	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 1400	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 1200	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 1000	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 900	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 800	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 700	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 600	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 500	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 400	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 300	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 200	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 100	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2
GE 0	20.3	23.3	25.0	26.8	29.2	29.5	29.9	31.3	32.0	32.4	32.9	33.0	33.3	33.5	33.5	35.2

TOTAL NUMBER OF OBSERVATIONS: 402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	[illegible]	GE 80	GE [illegible]	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.7	17.8	18.6	20.0	21.2	21.6	22.1	23.0	23.4	23.6	23.8	23.9	24.1	24.3	24.4	25.2
GE [illegible]	17.8	23.9	25.2	27.0	28.4	29.1	29.7	30.7	31.1	31.4	31.6	31.7	31.9	32.2	32.3	33.1
GE [illegible]	17.8	23.9	25.2	27.1	28.5	29.1	29.8	30.8	31.2	31.5	31.7	31.8	32.0	32.2	32.4	33.2
GE [illegible]	17.8	24.0	25.3	27.1	28.6	29.2	29.9	30.9	31.3	31.6	31.8	31.9	32.1	32.3	32.4	33.2
GE [illegible]	17.8	24.7	26.0	27.9	29.3	30.0	30.7	31.7	32.1	32.4	32.6	32.7	32.9	33.1	33.3	34.0
GE [illegible]	18.9	25.4	26.9	28.8	30.2	30.9	31.6	32.6	33.0	33.3	33.5	33.6	33.9	34.1	34.2	35.0
GE [illegible]	19.9	27.3	28.8	30.9	32.4	33.1	33.8	34.9	35.3	35.6	35.9	36.0	36.2	36.4	36.6	37.3
GE [illegible]	20.4	28.2	29.8	31.9	33.5	34.1	34.9	36.0	36.4	36.8	37.0	37.1	37.3	37.6	37.7	38.5
GE [illegible]	21.5	29.3	30.9	32.1	33.7	34.4	35.2	36.3	36.7	37.0	37.3	37.4	37.6	37.8	38.0	38.8
GE [illegible]	21.7	29.6	31.3	32.5	34.2	34.9	35.6	36.7	37.2	37.5	37.7	37.8	38.1	38.3	38.4	39.2
GE [illegible]	21.9	29.8	31.5	33.7	35.6	36.3	37.1	38.3	38.7	39.1	39.3	39.4	39.6	39.9	40.0	40.8
GE [illegible]	23.7	32.6	34.7	37.1	39.0	39.8	40.7	42.0	42.6	42.9	43.2	43.3	43.5	43.8	43.9	44.7
GE [illegible]	24.7	34.4	36.4	38.8	40.8	41.6	42.6	44.1	44.7	45.1	45.4	45.5	45.7	45.9	46.0	46.8
GE [illegible]	25.7	36.0	38.0	40.6	42.6	43.4	44.5	46.0	46.7	47.1	47.4	47.5	47.7	47.9	48.1	48.9
GE [illegible]	26.6	37.1	39.2	41.8	43.9	44.8	45.9	47.5	48.1	48.6	48.8	48.9	49.2	49.4	49.5	50.3
GE [illegible]	27.4	38.4	40.4	43.1	45.2	46.1	47.3	48.9	49.6	50.1	50.3	50.4	50.7	50.9	51.0	51.8
GE [illegible]	29.1	40.3	42.3	44.9	47.1	48.0	49.1	50.8	51.5	52.0	52.3	52.4	52.6	52.9	53.0	53.8
GE [illegible]	30.1	42.3	44.6	47.8	50.1	51.1	52.2	54.0	54.8	55.3	55.5	55.6	55.9	56.1	56.3	57.1
GE [illegible]	31.5	43.6	46.3	49.6	52.1	53.1	54.3	56.1	56.9	57.4	57.7	57.8	58.1	58.3	58.5	59.3
GE [illegible]	32.0	44.1	46.8	50.1	52.6	53.7	54.9	56.7	57.5	58.0	58.3	58.4	58.7	58.9	59.1	59.9
GE [illegible]	32.2	44.4	47.1	50.4	52.9	54.0	55.2	57.0	57.8	58.3	58.6	58.7	59.0	59.2	59.4	60.2
GE [illegible]	32.3	44.5	47.2	50.5	53.0	54.1	55.3	57.1	57.9	58.4	58.7	58.8	59.1	59.3	59.5	60.3
GE [illegible]	32.4	44.6	47.3	50.6	53.1	54.2	55.4	57.2	58.0	58.5	58.8	58.9	59.2	59.4	59.6	60.4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03995 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	LT 0	GE 0	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 8	GE 10	GE 12	GE 16	GE 20	GE 24	GE 32	GE 40
GE 0 FEET	17.1	23.6	23.6	23.6	24.8	25.5	26.0	26.7	27.0	27.3	27.4	27.5	27.6	27.7	27.8	28.1
GE 100	1.5	35.7	32.2	32.4	33.9	34.6	35.4	36.4	36.8	37.1	37.2	37.3	37.4	37.6	37.6	37.9
GE 200	2.0	36.8	33.3	32.6	34.1	34.9	35.8	36.5	36.9	37.2	37.4	37.5	37.6	37.7	37.8	38.1
GE 300	2.0	36.9	33.4	32.6	34.1	34.9	35.6	36.6	37.0	37.3	37.4	37.5	37.6	37.8	37.8	38.1
GE 500	14.0	21.7	31.1	33.3	34.9	35.7	36.4	37.4	37.8	38.1	38.2	38.3	38.4	38.6	38.7	38.9
GE 1000	17.4	21.4	31.1	32.8	35.1	36.0	37.6	38.3	38.3	39.0	40.1	40.2	40.3	40.4	40.6	40.7
GE 1500	18.4	22.9	32.7	35.7	38.2	39.9	41.6	41.6	42.7	43.1	43.5	43.7	43.7	43.8	44.0	44.1
GE 1800	19.0	23.5	33.5	36.7	39.3	41.1	42.1	42.9	44.0	44.5	44.8	45.0	45.1	45.2	45.3	45.4
GE 2000	19.1	23.6	33.6	37.0	39.6	41.4	42.4	43.2	44.3	44.8	45.1	45.3	45.4	45.5	45.7	45.8
GE 2500	19.4	23.9	33.9	37.5	40.1	41.9	42.9	43.7	44.9	45.3	45.7	45.9	46.0	46.1	46.2	46.3
GE 3000	19.6	24.1	34.1	37.8	39.4	42.2	43.1	44.2	45.2	45.8	46.2	46.4	46.5	46.6	46.7	46.8
GE 3500	19.7	24.2	34.2	37.9	39.6	42.4	43.3	44.4	45.4	46.0	46.4	46.6	46.7	46.8	46.9	47.0
GE 4000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 4500	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 5000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 6000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 7000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 8000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 9000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 10000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 12000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 15000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 18000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 20000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 22000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 25000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 30000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 35000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 40000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 45000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 50000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 60000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 70000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 80000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 90000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1
GE 100000	19.8	24.3	34.3	38.0	39.7	42.5	43.4	44.5	45.5	46.1	46.5	46.7	46.8	46.9	47.0	47.1

TOTAL NUMBER OF OBSERVATIONS: 733.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	14.4	3.9		4.5	4.6	5.5	2.4		6.9	15.1	44.6	7.0	796
[illegible]	13.8	5.4		4.5	5.6	2.0	3.4		6.1	15.0	44.2	7.0	799
[illegible]	8.1	10.3		5.4	4.1	3.5	3.4		5.6	15.9	43.7	7.1	799
[illegible]	2.3	11.6		6.2	4.2	3.0	3.6		6.3	25.7	37.0	7.4	794
[illegible]	1.8	7.8		5.4	5.3	3.7	4.2		5.9	29.1	36.8	7.7	793
[illegible]	1.9	10.5		5.1	4.9	3.3	3.9		6.4	27.9	36.1	7.5	798
[illegible]	9.8	9.4		4.5	4.4	3.0	3.6		7.0	17.5	40.9	7.0	800
[illegible]	10.5	5.3		4.8	3.5	2.6	2.1		5.0	17.4	42.8	6.8	799
TOTALS	8.6	8.0		5.1	4.6	3.1	3.4		6.2	20.5	40.8	7.2	6378

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-85,87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	12.7	4.5		6.3	3.9	3.3	3.6		5.1	11.2	49.3	7.1	667
[illegible]	12.6	2.4		5.2	4.2	2.8	3.1		3.6	12.6	53.4	7.4	672
[illegible]	7.1	5.5		2.8	2.9	2.2	3.4		5.0	20.8	49.3	7.8	678
[illegible]	5.3	5.6		2.5	3.0	1.5	2.7		4.3	29.7	45.5	8.0	677
[illegible]	3.4	4.2		3.	5.2	3.1	4.2		6.8	27.5	42.6	8.0	673
[illegible]	3.9	4.3		4.3	4.2	3.3	4.6		5.2	28.3	42.0	7.9	667
[illegible]	7.3	5.7		7.4	5.2	2.7	3.6		7.9	18.0	44.5	7.5	672
[illegible]	14.7	4.2		5.5	4.7	1.2	2.8		5.5	16.9	44.5	7.0	674
TOTALS	8.4	4.6		4.5	4.2	2.5	3.5		5.4	20.6	46.4	7.6	5380

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	14.8	6.8		6.1	4.9	2.3	2.7		5.6	14.2	42.7	6.7	738
[illegible]	11.1	5.6		5.7	5.6	2.2	4.5		4.3	12.9	48.2	7.2	738
[illegible]	3.6	8.6		3.9	2.2	2.4	3.9		6.1	23.2	45.8	7.8	740
[illegible]	2.6	6.5		3.1	3.2	3.2	4.5		6.8	29.9	40.3	8.0	740
[illegible]	.8	2.9		3.3	4.4	2.9	7.0		6.9	32.0	37.9	8.2	731
[illegible]	.7	3.4		4.5	5.3	3.9	5.4		9.2	31.5	36.5	8.1	740
[illegible]	3.7	10.7		5.4	3.4	2.8	5.3		6.6	26.9	35.2	7.3	739
[illegible]	12.0	9.3		5.9	5.0	3.2	3.6		6.1	16.6	38.4	6.7	743
TOTALS	6.2	6.6		4.7	4.2	2.9	4.6		6.7	23.4	40.6	7.5	5909

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 79-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	16.4	6.5		6.5	6.0	4.0	4.9		8.8	14.1	32.7	6.2	718
[illegible]	12.7	8.4		4.7	3.9	3.9	5.3		8.2	19.7	33.2	6.6	717
[illegible]	5.3	11.7		5.6	3.6	2.4	2.9		6.0	32.3	30.3	7.1	719
[illegible]	2.1	7.5		5.4	4.5	2.4	5.2		8.6	39.7	24.5	7.6	717
[illegible]	2.3	4.2		3.4	3.4	4.4	6.9		11.3	40.0	24.2	7.8	710
[illegible]	2.2	4.3		4.7	4.2	5.6	5.7		10.9	40.6	21.8	7.7	717
[illegible]	2.9	8.3		5.4	6.6	4.0	6.1		9.3	37.8	19.8	7.2	722
[illegible]	12.1	9.3		10.4	5.5	4.6	5.8		6.9	17.8	28.1	6.2	713
TOTALS	7.0	7.5		5.8	4.7	3.7	5.4		8.8	30.3	26.8	7.1	5733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03545 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	19.4	6.7		6.2	7.2	2.6	5.1		7.7	15.4	30.8	6.1	741
[illegible]	8.7	9.4		6.1	4.8	2.0	6.7		6.1	24.1	32.0	6.8	743
[illegible]	9.0	10.1		2.9	4.8	3.2	4.6		6.7	28.2	34.3	7.3	746
[illegible]	3.5	7.4		2.7	4.0	4.3	7.0		9.2	33.3	26.7	7.5	741
12-14	2.0	4.3		3.4	4.7	4.7	6.9		10.6	37.4	25.8	7.8	737
15-17	2.0	5.1		3.9	5.8	5.5	6.8		9.7	37.7	23.4	7.6	740
[illegible]	2.3	11.1		5.3	4.7	4.5	6.6		11.0	32.9	21.7	7.1	739
[illegible]	10.6	10.3		7.0	7.0	4.9	4.7		9.6	20.2	25.9	6.3	742
TOTALS	6.6	8.0		4.7	5.4	3.9	6.1		8.8	28.7	27.8	7.1	5929

STATION NUMBER: 03545 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	12.0	6.8		9.6	7.2	3.4	4.8		8.2	15.9	31.9	6.4	706
[illegible]	2.9	8.0		7.2	5.3	3.1	6.5		6.3	33.5	28.2	7.3	712
[illegible]	2.7	9.5		6.4	2.7	3.1	3.3		9.3	37.5	25.5	7.4	706
[illegible]	1.7	6.3		3.6	4.2	3.5	6.0		10.1	44.6	20.8	7.8	713
12-14	.1	3.9		2.6	4.2	4.9	7.9		14.8	42.7	18.5	7.9	709
15-17		4.4		3.4	6.5	5.4	8.5		10.3	44.4	16.3	7.8	710
[illegible]	3.1	6.3		5.6	7.3	4.6	9.3		10.3	28.2	17.8	7.3	702
[illegible]	3.7	7.5		7.4	6.4	4.1	6.4		13.1	27.0	23.4	7.0	709
TOTALS	3.3	6.7		5.6	5.5	4.3	6.6		10.6	35.1	23.1	7.4	5662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	14.7	7.8		6.5	6.2	5.3	7.5		9.2	16.8	22.5	5.8	721
[illegible]	6.7	10.3		6.8	5.8	3.3	6.9		9.2	27.3	24.6	6.7	729
[illegible]	4.7	8.5		5.2	5.0	3.5	5.0		6.8	37.0	22.2	7.2	716
[illegible]	3.2	6.5		3.3	4.4	4.3	6.5		10.7	42.6	19.3	7.5	728
[illegible]	1.4	4.8		3.6	4.7	5.9	8.7		12.6	44.1	14.7	7.6	723
[illegible]	2.6	5.7		4.2	6.9	6.4	8.3		11.7	39.0	15.4	7.2	734
[illegible]	2.9	10.1		6.5	6.6	5.8	5.7		9.4	37.9	15.2	6.9	725
[illegible]	6.2	12.3		6.9	6.1	6.3	6.8		11.2	24.2	19.0	6.3	722
TOTALS	5.3	8.3		5.5	6.0	5.3	7.0		10.4	33.6	19.1	6.9	5798

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	17.8	6.4		7.8	6.6	4.3	5.0		7.0	19.4	26.0	6.0	799
[illegible]	13.5	8.4		4.6	4.6	2.6	6.1		8.4	21.4	30.3	6.5	821
[illegible]	4.5	11.6		4.3	4.8	3.2	4.2		9.6	33.1	24.8	7.1	806
[illegible]	2.7	5.7		5.0	4.8	3.9	6.5		13.4	38.0	19.3	7.4	818
[illegible]	1.6	6.4		4.6	5.4	5.4	8.6		11.7	38.1	18.8	7.4	818
[illegible]	2.5	7.4		4.4	6.2	4.9	9.6		11.4	36.2	17.4	7.2	810
[illegible]	3.1	10.8		7.3	6.5	4.3	6.6		9.8	33.0	16.8	6.7	803
[illegible]	11.4	17.6		6.2	7.5	4.6	5.4		7.3	21.3	22.8	6.0	808
TOTALS	7.1	8.2		5.5	6.1	4.1	6.6		9.8	30.1	22.3	6.6	6483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	23.0	6.7		5.9	6.4	3.3	3.5		5.5	16.5	32.3	6.0	796
[illegible]	19.9	6.3		6.3	5.8	4.4	5.9		5.4	20.1	33.1	6.5	798
[illegible]	3.4	11.5		5.7	3.7	3.0	4.5		7.9	32.8	27.5	7.2	793
[illegible]	2.0	6.0		5.3	4.6	4.6	4.3		10.8	41.1	21.4	7.6	799
[illegible]	2.0	4.0		4.1	6.2	4.4	7.1		11.8	43.5	16.8	7.6	802
[illegible]	2.7	5.5		4.7	7.2	4.5	6.2		11.4	41.1	16.6	7.4	805
[illegible]	4.3	8.4		6.2	8.5	4.9	7.5		9.0	30.3	20.9	6.8	796
[illegible]	16.8	5.8		5.7	6.6	3.5	3.4		9.0	16.5	29.5	6.1	796
TOTALS	8.3	6.8		5.9	6.2	3.8	5.3		8.9	30.2	24.8	6.9	6385

STATION NUMBER: [illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	15.6	5.7		5.5	6.5	3.4	5.0		5.9	16.8	36.6	6.6	835
[illegible]	19.6	3.6		5.6	6.2	2.6	5.4		6.7	18.2	26.9	6.8	833
[illegible]	2.5	8.4		5.0	4.6	3.2	5.4		9.0	27.7	34.3	7.5	835
[illegible]	1.2	8.5		5.5	5.2	4.3	3.6		8.2	35.3	30.2	7.7	831
[illegible]	.6	2.9		4.3	5.1	3.6	7.6		9.3	39.2	27.4	8.0	829
[illegible]	2.3	5.3		4.7	5.3	3.6	4.6		11.2	37.1	25.9	7.7	830
[illegible]	9.9	5.6		6.7	6.3	5.5	4.9		8.6	22.6	32.9	7.0	835
[illegible]	19.6	7.5		6.5	4.7	2.6	7.5		6.3	16.5	24.4	6.5	831
TOTALS	7.2	5.4		5.4	5.6	3.4	5.5		8.2	26.7	32.3	7.2	6659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	16.2	4.2		4.1	4.5	2.1	5.0		6.6	14.3	43.0	6.9	804
[illegible]	14.0	4.3		4.7	6.3	3.7	3.7		5.1	17.4	40.7	6.9	806
[illegible]	5.4	8.2		4.4	3.1	2.6	4.5		6.9	26.1	38.9	7.5	802
[illegible]	1.9	10.4		4.2	4.9	3.4	2.7		4.9	33.5	34.2	7.6	801
10-14	1.7	7.8		4.7	5.1	3.5	4.6		6.5	34.0	32.0	7.7	803
15-17	1.0	9.8		5.1	4.0	2.6	4.0		6.3	32.3	32.9	7.6	805
[illegible]	8.9	7.0		6.0	4.5	2.9	4.1		6.7	21.5	38.5	7.1	801
21-23	11.3	6.7		4.7	5.6	3.2	3.9		5.7	17.8	41.0	7.0	804
TOTALS	7.6	7.3		4.7	4.8	3.0	4.1		6.3	24.6	37.7	7.3	6426

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

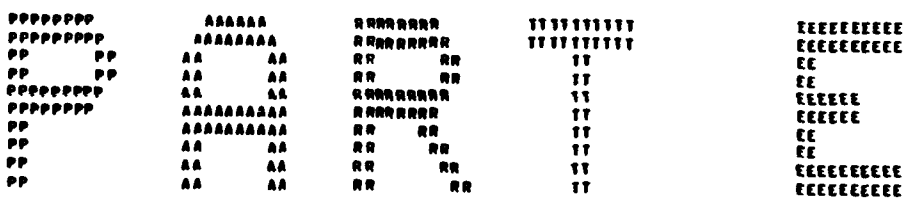
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
[illegible]	13.4	5.7		5.5	4.2	1.9	3.6		5.1	12.5	48.1	7.0	831
[illegible]	11.8	4.5		4.1	4.3	2.1	3.5		4.6	16.8	48.4	7.4	829
[illegible]	6.3	7.1		4.3	3.7	3.0	2.7		6.3	19.9	46.7	7.6	829
[illegible]	.6	9.6		3.7	3.1	2.7	3.6		5.1	31.2	40.1	7.9	830
10-14	1.3	7.6		5.8	3.9	2.9	4.2		6.2	33.5	35.0	7.8	829
15-17	.7	8.4		5.5	4.3	1.7	3.8		8.9	29.1	37.7	7.8	822
[illegible]	7.5	7.2		4.7	4.5	3.3	3.9		7.5	16.5	44.9	7.4	830
21-23	10.7	5.6		5.3	5.3	2.9	3.2		6.7	16.5	43.8	7.2	832
TOTALS	6.6	7.0		4.9	4.2	[illegible]	3.6		6.3	22.0	43.1	7.5	6632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	8.6	8.0		5.1	4.6	3.1	3.4		6.2	20.5	40.8	7.2	6378
FEB		3.4	4.6		4.5	4.2	2.5	3.5		5.4	20.6	46.4	7.6	5380
MAR		6.2	6.8		4.7	4.2	2.9	4.6		6.7	23.4	40.6	7.5	5909
APR		7.0	7.5		5.6	4.7	3.9	5.4		8.8	30.3	26.8	7.1	5733
MAY		6.6	8.0		4.7	5.4	3.9	6.1		6.8	28.7	27.8	7.1	5929
JUN		3.0	6.7		5.6	5.5	4.0	6.6		10.6	35.1	23.1	7.4	5662
JUL		5.3	8.3		5.6	6.0	5.0	7.0		10.4	33.6	19.1	6.9	5798
AUG		7.1	8.3		5.9	6.1	4.1	6.6		9.8	30.1	22.0	6.8	6483
SEP		5.3	6.8		5.9	6.2	3.8	5.3		8.9	30.2	24.8	6.9	6385
OCT		7.2	6.4		5.2	5.2	3.4	5.5		8.2	26.7	32.3	7.2	6659
NOV		7.6	7.3		4.7	4.8	3.0	4.1		6.3	24.6	37.7	7.3	6426
DEC		6.6	7.0		4.9	4.2	2.5	3.6		6.3	22.0	43.1	7.5	6632
	TOTALS	6.8	7.1		5.2	5.1	3.5	5.1		8.0	27.2	32.0	7.2	73374



TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FORE OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 03649S STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	36.5	36.0	39.0	41.9	46.6	52.8	56.9	56.6	53.6	48.5	43.5	40.0	46.1
00-02	SD	7.592	7.258	5.591	5.410	4.983	4.809	4.538	4.512	4.971	6.571	7.901	8.266	9.492
	TOT OBS	796	667	738	738	741	706	721	799	796	835	804	831	9152
	MEAN	36.5	36.6	39.0	40.8	46.2	51.4	55.0	55.1	52.5	47.7	43.0	39.9	45.2
03-05	SD	7.866	7.422	6.001	5.686	5.193	4.820	4.634	4.689	5.327	6.691	8.178	8.325	9.317
	TOT OBS	799	672	738	717	743	712	729	821	797	832	805	829	9194
	MEAN	36.1	36.3	39.2	42.1	48.3	54.7	58.3	56.9	53.3	47.8	42.9	39.8	46.2
06-08	SD	7.911	7.347	6.144	5.536	4.982	4.539	4.375	4.420	5.147	6.650	8.412	8.295	10.002
	TOT OBS	799	678	740	719	746	706	716	806	793	834	802	829	9168
	MEAN	37.7	37.6	43.4	48.2	54.0	60.1	64.6	63.2	59.4	52.2	45.3	41.1	50.6
09-11	SD	7.481	6.894	5.394	5.671	5.907	5.311	5.538	4.704	4.521	5.874	7.936	7.956	11.189
	TOT OBS	794	677	740	717	741	713	728	818	799	831	801	829	9188
	MEAN	40.6	41.0	46.7	51.9	57.5	63.6	68.8	67.1	63.4	56.0	48.3	43.8	54.1
12-14	SD	6.606	6.631	5.202	6.496	7.053	6.046	6.760	5.703	5.200	5.264	7.195	7.154	11.558
	TOT OBS	793	673	736	710	737	709	723	818	802	829	803	828	9155
	MEAN	40.1	41.3	46.7	52.6	57.9	64.1	69.8	67.6	63.5	55.4	47.3	43.0	54.1
15-17	SD	6.921	6.572	5.162	6.633	7.320	6.276	7.131	5.966	5.294	5.338	7.106	7.067	11.959
	TOT OBS	798	667	740	717	740	710	734	811	805	830	805	822	9179
	MEAN	36.1	38.6	43.6	48.9	55.1	61.3	66.5	64.3	59.4	51.8	44.8	41.2	51.1
18-20	SD	7.378	6.619	4.937	6.097	6.610	5.986	6.623	5.529	4.881	5.398	7.448	7.553	11.516
	TOT OBS	799	671	739	722	739	702	725	802	796	835	801	830	9161
	MEAN	37.3	37.0	41.0	44.4	49.9	56.0	60.5	59.3	55.6	49.4	43.9	40.4	47.9
21-23	SD	7.481	6.983	5.075	5.471	5.439	4.955	5.348	4.674	4.627	5.985	7.646	7.951	10.075
	TOT OBS	798	674	742	713	742	704	722	806	796	831	804	832	9166
	MEAN	37.9	37.8	42.4	46.3	51.8	58.0	62.6	61.3	57.6	51.1	44.9	41.1	49.4
ALL	SD	7.593	7.201	6.222	7.354	7.571	7.079	7.745	6.857	6.511	6.745	7.959	7.957	11.192
HOURS	TOT OBS	5376	5379	5907	5723	5929	5662	5798	6483	6384	6657	6425	6630	73363

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	36.6	34.9	38.1	40.8	44.8	50.3	54.5	54.5	51.9	47.0	41.9	38.8	44.4
07- 0	SD	7.223	6.986	5.569	5.214	4.965	4.743	4.392	4.403	4.997	6.362	7.695	7.875	9.124
	TOT OBS	796	666	738	718	741	736	720	799	796	834	804	831	9149
	MEAN	36.3	34.6	37.7	39.6	43.6	49.6	53.3	53.5	51.1	46.4	41.7	38.7	43.8
07-09	SD	7.409	7.154	5.916	5.456	5.111	4.779	4.603	4.583	5.266	6.479	7.966	7.934	9.054
	TOT OBS	799	672	736	717	743	712	728	821	797	832	805	829	9193
	MEAN	36.0	34.3	37.9	40.1	45.9	51.8	55.3	54.8	51.6	46.5	41.5	38.6	44.5
06-08	SD	7.525	7.110	6.026	5.162	4.705	4.401	4.072	4.215	5.053	6.436	8.152	7.923	9.450
	TOT OBS	798	678	739	719	746	705	716	806	793	834	802	829	9165
	MEAN	36.1	36.1	40.9	43.8	48.8	54.3	57.9	57.5	55.0	49.4	43.2	39.7	47.0
09-11	SD	7.384	6.657	5.206	4.792	4.739	4.619	4.289	3.794	4.134	5.434	7.785	7.592	9.545
	TOT OBS	794	677	740	717	743	713	728	818	798	830	801	828	9184
	MEAN	38.2	38.4	42.5	45.3	50.4	55.7	59.3	58.8	56.3	51.2	45.1	41.5	48.6
12-14	SD	6.446	6.229	4.909	4.946	5.136	4.816	4.422	3.949	4.265	4.851	7.087	6.867	9.164
	TOT OBS	792	673	736	716	737	709	722	818	802	829	803	826	9153
	MEAN	37.9	38.6	42.4	45.6	50.6	55.9	59.5	59.1	56.3	51.0	44.6	41.0	48.6
15-17	SD	6.535	6.202	4.886	4.998	5.267	4.862	4.289	3.949	4.329	4.917	7.061	6.829	9.295
	TOT OBS	798	667	740	717	740	713	734	810	804	830	805	821	9176
	MEAN	36.5	36.3	40.6	44.1	49.7	55.1	58.8	58.1	54.9	49.2	43.0	39.8	47.2
18-20	SD	6.974	6.462	4.977	4.960	5.284	4.717	4.333	3.939	4.499	5.300	7.284	7.302	9.602
	TOT OBS	799	671	739	721	739	702	725	801	796	834	801	829	9157
	MEAN	36.3	35.7	39.1	41.6	47.1	52.9	56.5	56.0	53.1	47.7	42.3	39.1	45.6
21-23	SD	7.197	6.762	5.239	4.982	5.161	4.667	4.256	4.198	4.750	5.653	7.477	7.581	9.326
	TOT OBS	799	674	742	719	742	704	722	806	796	831	804	831	9165
	MEAN	36.3	36.2	39.9	42.4	47.6	53.3	56.9	56.5	53.8	48.5	42.9	39.7	46.2
ALL	SD	7.145	6.876	5.667	5.613	5.613	5.174	4.862	4.587	5.079	6.313	7.669	7.566	9.490
HOURS	TOT OBS	6374	5378	5906	5722	5928	5661	5795	6481	6382	6654	6425	6626	73342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	33.6	33.5	35.9	37.5	42.8	49.7	52.5	52.8	50.4	45.6	40.2	37.2	42.6
00-02	SD	7.659	7.536	6.341	5.874	5.657	5.171	4.718	4.640	5.331	6.608	8.157	8.287	9.520
	TOT OBS	796	666	736	718	741	706	725	799	796	834	804	831	9149
	MEAN	32.3	32.6	35.9	37.6	42.3	46.5	51.8	52.3	49.9	45.1	40.0	37.1	42.3
03-05	SD	7.795	7.652	6.505	5.829	5.637	5.107	4.836	4.699	5.509	6.677	8.449	8.232	9.476
	TOT OBS	799	672	736	717	743	712	728	821	797	832	805	829	9193
	MEAN	33.0	32.5	36.4	37.6	43.5	49.4	52.9	53.1	50.3	45.2	39.8	37.1	42.6
06-08	SD	7.963	7.654	6.552	5.617	5.388	5.053	4.605	4.456	5.369	6.685	8.585	8.272	9.721
	TOT OBS	798	678	739	719	746	705	716	806	793	834	802	829	9165
	MEAN	33.8	33.8	37.6	38.5	43.7	49.2	52.7	53.1	51.3	46.8	40.8	37.8	43.3
09-11	SD	7.576	7.382	6.204	6.014	6.014	5.857	5.565	4.691	5.208	6.074	8.562	7.965	9.461
	TOT OBS	794	677	746	727	740	713	728	816	798	833	801	828	9184
	MEAN	34.9	34.9	37.3	37.7	43.4	48.9	52.0	52.4	50.2	46.6	41.4	38.8	43.3
12-14	SD	7.215	7.172	6.842	6.545	6.808	6.320	5.556	5.390	5.876	6.233	8.272	7.567	9.197
	TOT OBS	792	673	736	715	737	709	722	815	802	829	803	828	9153
	MEAN	35.0	34.9	37.4	37.6	43.4	48.9	51.7	52.3	50.2	46.8	41.5	38.6	43.3
15-17	SD	7.234	7.272	7.034	6.654	6.810	6.396	5.254	5.565	6.020	6.105	8.094	7.469	9.198
	TOT OBS	798	667	740	717	740	710	734	810	804	833	805	821	9176
	MEAN	34.2	34.2	37.4	38.6	44.3	50.0	52.9	53.2	51.1	46.7	40.6	37.8	43.5
18-20	SD	7.456	7.249	6.459	6.022	6.490	5.662	5.116	5.028	5.496	5.942	7.959	7.859	9.442
	TOT OBS	799	671	739	721	739	712	725	801	796	834	801	829	9157
	MEAN	33.9	33.7	36.6	38.1	44.2	50.0	53.4	53.4	50.9	46.0	40.4	37.3	43.2
21-23	SD	7.714	7.424	6.255	5.744	5.975	5.213	4.646	4.659	5.348	6.229	8.000	8.026	9.564
	TOT OBS	798	674	742	713	742	714	722	806	796	831	804	831	9165
	MEAN	34.0	33.7	36.7	37.8	43.4	49.2	52.6	52.8	50.5	46.1	40.6	37.7	43.0
ALL	SD	7.606	7.470	6.549	6.063	6.146	5.636	5.072	4.943	5.544	6.356	8.278	7.987	9.458
HOURS	TOT OBS	9574	8379	8906	8732	8928	8651	8795	9481	8392	6654	6425	6626	73342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 37649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	[illegible]	100.0	100.0	100.0	100.0	100.0	99.4	97.2	83.9	47.6	88.3	796
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	98.4	86.1	46.7	88.4	795
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.6	96.1	85.0	49.4	88.5	798
	[illegible]	100.0	100.0	100.0	100.0	99.9	99.2	92.6	75.4	40.1	86.1	794
	[illegible]	100.0	100.0	100.0	99.9	99.1	92.6	79.5	54.9	26.9	80.9	792
	[illegible]	100.0	100.0	100.0	100.0	99.7	95.4	83.3	62.0	26.9	82.4	798
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.1	93.6	77.2	35.9	86.2	795
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.5	95.7	83.0	42.2	87.5	798
	[illegible]	100.0	100.0	100.0	100.0	99.8	98.1	91.8	75.9	39.5	86.0	6374

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-85,87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-2	100.0	100.0	100.0	100.0	100.0	99.4	98.8	89.0	48.2	89.1	668
	3-5	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.7	52.1	89.7	672
	6-8	100.0	100.0	100.0	100.0	100.0	99.7	98.1	89.4	57.7	89.8	676
	9-11	100.0	100.0	100.0	100.0	100.0	99.1	93.9	78.1	39.3	86.5	677
	12-14	100.0	100.0	100.0	99.7	99.3	94.2	73.3	50.1	20.2	79.3	673
	15-17	100.0	100.0	100.0	99.7	98.7	92.9	73.9	49.3	17.7	78.9	667
	18-20	100.0	100.0	100.0	100.0	99.9	99.3	91.8	71.2	29.7	84.6	671
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	97.9	83.8	41.1	87.7	674
	TOTALS	100.0	100.0	100.0	99.9	99.7	98.1	90.8	75.7	38.3	85.7	5376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	[illegible]	100.0	100.0	100.0	100.0	99.9	99.5	94.6	80.2	41.5	86.9	738
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.9	96.3	85.0	50.9	88.7	738
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	96.8	86.1	49.7	88.8	735
	[illegible]	100.0	100.0	100.0	100.0	98.8	93.6	77.7	58.9	22.4	80.7	740
	12-14	100.0	100.0	100.0	98.2	89.9	74.4	51.9	30.1	11.0	71.0	736
	15-17	100.0	100.0	99.7	97.3	89.7	69.3	50.0	29.7	11.9	70.3	740
	[illegible]	100.0	100.0	100.0	99.6	98.2	92.4	71.4	46.8	17.5	78.6	735
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	92.0	70.6	28.6	84.4	742
	TOTALS	100.0	100.0	100.0	99.4	97.1	91.0	79.1	60.4	29.2	81.2	5908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.0	92.2	69.9	30.9	84.6	718
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.8	83.0	39.6	87.3	717
	06-08	100.0	100.0	100.0	100.0	99.7	98.3	93.5	67.7	29.8	84.4	719
	09-11	100.0	100.0	99.6	98.7	92.6	76.7	49.5	24.0	7.4	70.2	717
	12-14	100.0	99.6	99.0	91.7	71.3	46.9	24.6	12.0	2.4	60.0	716
	15-17	100.0	99.9	96.6	88.6	65.7	42.7	23.8	10.0	1.0	58.7	717
	18-20	100.0	100.0	100.0	97.9	88.2	70.9	49.2	23.7	3.7	68.9	721
	21-23	100.0	100.0	100.0	100.0	98.9	94.0	76.0	49.6	14.9	79.1	713
	TOTALS	100.0	99.9	99.7	97.1	89.6	78.5	62.7	42.5	16.2	74.2	5732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 79-87
MONTH: MAY

MONTH	HOUR (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-2	100.0	100.0	100.0	100.0	100.0	99.3	95.1	79.8	38.7	86.5	741
	3-5	100.0	100.0	100.0	100.0	100.0	99.9	98.9	87.3	51.8	89.2	743
	6-8	100.0	100.0	100.0	100.0	99.7	97.1	90.1	67.9	28.6	84.0	746
	9-11	100.0	100.0	99.9	97.7	89.1	71.2	50.0	25.8	9.3	69.7	740
	12-14	100.0	100.0	98.8	89.4	70.7	48.2	30.4	16.7	4.7	61.5	737
	15-17	100.0	100.0	98.5	88.5	68.1	47.6	28.6	15.8	4.3	60.8	740
	18-20	100.0	100.0	99.7	97.6	87.4	67.1	48.4	23.4	8.0	68.5	735
	21-23	100.0	100.0	100.0	100.0	99.5	96.0	84.9	55.9	19.3	81.0	742
	00/LST	100.0	100.0	99.6	96.7	89.3	78.3	65.6	46.5	20.6	75.2	5926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	[illegible]	100.0	100.0	100.0	100.0	100.0	99.6	98.4	83.6	37.7	87.5	706
	3-5	100.0	100.0	100.0	100.0	100.0	100.0	99.6	89.9	49.7	89.5	712
	6-8	100.0	100.0	100.0	100.0	99.9	98.3	89.8	59.7	22.3	82.8	705
	9-11	100.0	100.0	100.0	99.7	93.8	71.9	46.8	17.1	3.9	68.3	713
	12-14	100.0	99.9	99.7	97.1	74.5	42.6	20.5	7.6	1.8	59.9	705
	15-17	100.0	100.0	99.4	94.5	71.0	40.1	23.6	8.6	2.0	59.1	711
	18-20	100.0	100.0	99.9	99.4	91.0	69.4	39.7	17.5	5.4	67.6	702
	21-23	100.0	100.0	100.0	100.0	99.6	98.7	85.9	52.6	13.1	80.6	704
	TOTALS	100.0	100.0	99.9	98.9	91.2	77.5	61.9	41.8	17.0	74.4	5661

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03699 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 79-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	97.4	71.7	24.2	85.3	720
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.9	99.3	86.5	44.4	89.8	728
	[illegible]	100.0	100.0	100.0	100.0	99.9	99.5	88.3	61.2	22.6	82.7	710
	9-11	100.0	100.0	100.0	99.3	89.1	64.1	36.3	15.7	4.8	66.5	728
	12-14	100.0	100.0	97.6	90.3	65.9	33.7	15.4	7.5	1.7	56.8	722
	15-17	100.0	100.0	97.1	85.6	54.9	28.6	14.2	6.4	1.5	54.5	734
	[illegible]	100.0	100.0	99.3	94.9	81.2	53.9	30.3	12.0	2.2	63.1	725
	[illegible]	100.0	100.0	100.0	100.0	98.9	95.2	79.8	39.8	8.7	77.9	722
	TOTALS	100.0	100.0	99.3	96.1	86.2	71.7	57.6	37.6	13.8	72.0	5795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.2	81.2	31.0	86.9	795
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	92.4	53.2	90.1	821
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.7	79.3	36.5	87.0	806
	09-11	100.0	100.0	100.0	99.6	93.4	76.0	49.6	24.6	6.4	70.6	818
	12-14	100.0	100.0	99.8	94.9	74.0	43.4	23.6	11.5	4.5	60.9	818
	15-17	100.0	100.0	99.3	97.6	67.9	39.6	23.0	12.1	5.8	59.6	810
	18-20	100.0	100.0	99.9	99.3	89.4	68.7	45.9	23.5	7.9	68.8	801
	21-23	100.0	100.0	100.0	100.0	99.6	97.5	86.6	52.0	14.7	81.1	806
	TOTALS	100.0	100.0	99.9	99.2	90.5	78.0	65.4	47.1	20.0	75.6	6481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	99.5	87.1	42.6	88.6	796
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.3	59.8	90.7	797
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.7	84.7	53.0	89.4	793
	[illegible]	100.0	100.0	100.0	100.0	98.5	86.9	63.8	34.1	10.5	75.1	796
	[illegible]	100.0	100.0	99.9	99.1	81.5	52.7	29.7	12.1	2.9	63.4	802
	[illegible]	100.0	100.0	99.9	97.6	81.3	52.6	29.6	14.1	3.1	63.4	804
	[illegible]	100.0	100.0	100.0	99.7	97.7	88.9	66.0	30.8	8.7	74.9	796
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.4	95.7	66.8	20.9	84.2	796
	TOTALS	100.0	100.0	100.0	99.4	94.9	85.0	72.9	52.6	25.2	78.7	6382

GLOBAL CLIMATOLOGY BRANCH
OSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649C STATION NAME: GRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.6	99.2	89.4	52.9	89.8	834
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.3	92.7	57.9	90.8	832
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	91.7	57.8	90.9	834
	09-11	100.0	100.0	100.0	99.9	99.8	96.1	85.8	56.1	27.0	82.3	830
	12-14	100.0	100.0	99.8	99.5	96.3	78.3	54.2	26.2	8.8	71.7	829
	15-17	100.0	100.0	100.0	99.8	96.5	84.2	69.6	31.0	8.1	73.8	830
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	92.3	60.7	21.9	83.1	834
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	97.0	83.9	41.6	87.8	831
	TOTALS	100.0	100.0	100.0	99.9	99.1	94.6	86.2	66.5	34.5	83.8	6654

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.4	85.7	43.8	88.3	804
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.8	89.1	47.5	89.1	805
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	97.8	87.3	48.0	89.0	802
	09-11	100.0	100.0	100.0	100.0	99.9	98.3	90.6	67.4	28.8	84.5	801
	12-14	100.0	100.0	100.0	100.0	99.0	91.7	69.4	40.7	16.1	77.5	803
	15-17	100.0	100.0	100.0	99.9	99.5	96.3	81.2	54.4	19.0	80.8	805
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	94.8	75.0	31.8	85.9	801
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.0	81.7	38.8	87.3	804
	TOTALS	100.0	100.0	100.0	100.0	99.8	99.1	90.9	72.7	34.2	85.3	6425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03495 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	[illegible]	100.0	100.0	[illegible]	100.0	99.8	97.2	87.2	53.5	89.6	831
	3-5	100.0	100.0	100.0	100.0	100.0	100.0	97.8	87.5	54.3	90.1	829
	[illegible]	[illegible]	100.0	100.0	[illegible]	100.0	99.9	98.3	88.2	56.3	90.1	829
	9-11	100.0	100.0	100.0	100.0	100.0	99.6	96.4	81.6	45.2	88.2	828
	12-14	100.0	100.0	100.0	100.0	99.9	98.2	87.4	63.5	25.4	82.9	828
	15-17	100.0	100.0	100.0	100.0	100.0	99.1	91.7	69.5	30.7	84.8	821
	18-20	100.0	100.0	100.0	100.0	100.0	99.9	95.1	64.4	44.4	87.8	829
	21-23	100.0	100.0	100.0	100.0	99.9	99.9	97.0	84.5	49.8	88.8	831
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.5	95.1	80.4	45.0	87.8	6626

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

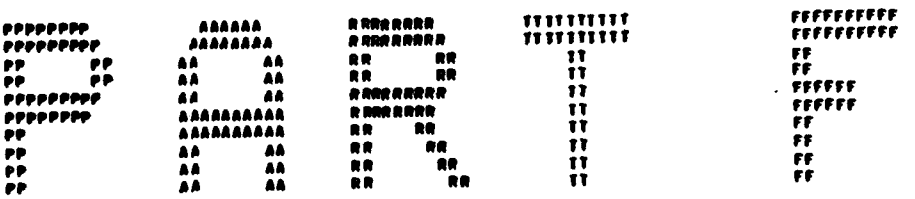
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03649 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87
MONTHS: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.8	98.1	91.8	75.9	39.5	86.0	6374
FEB		100.0	100.0	100.0	99.9	99.7	98.1	93.8	75.3	38.3	85.7	5378
MAR		100.0	100.0	100.0	99.4	97.1	91.0	79.1	60.4	29.2	81.2	5906
APR		100.0	99.9	99.7	97.1	89.6	78.5	62.7	42.5	16.2	74.2	5732
MAY		100.0	100.0	99.6	96.7	89.3	78.1	65.6	46.5	20.6	75.2	5928
JUN		100.0	100.0	99.9	99.9	91.2	77.5	61.9	41.8	17.0	74.4	5661
JUL		100.0	100.0	99.7	96.1	86.2	71.7	57.6	37.6	13.8	72.0	5795
AUG		100.0	100.0	99.9	98.2	90.5	78.0	65.4	47.1	23.0	75.6	6481
SEP		100.0	100.0	100.0	99.4	94.9	85.0	72.9	52.6	25.2	78.7	6382
OCT		100.0	100.0	100.0	99.9	99.1	94.6	86.2	66.5	34.5	83.8	6654
NOV		100.0	100.0	100.0	100.0	99.8	98.1	90.9	72.7	34.2	85.3	6425
DEC		100.0	100.0	100.0	100.0	100.0	99.5	95.1	80.4	45.0	87.8	6626
	TOTALS	100.0	100.0	99.9	98.8	94.8	87.4	76.7	58.3	27.8	80.0	73342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PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MPS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 036492 STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 77-87

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1014.7	1016.9	1011.3	1016.4	1013.5	1016.4	1018.1	1016.8	1016.7	1014.9	1015.2	1011.3	1015.1
	SD	13.631	13.086	13.131	10.559	8.664	7.442	6.265	6.900	9.037	11.552	11.819	15.448	11.244
	TOT OBS	260	220	245	237	244	235	231	260	260	276	266	277	3011
03	MEAN	1014.2	1016.8	1010.9	1016.2	1013.2	1016.0	1017.5	1016.3	1016.3	1014.3	1014.8	1011.2	1014.8
	SD	13.891	13.083	13.172	10.496	8.746	7.640	6.670	7.035	9.192	11.468	11.739	15.210	11.243
	TOT OBS	262	223	245	239	248	235	242	266	266	276	269	277	3048
06	MEAN	1013.8	1016.7	1010.7	1016.3	1013.3	1016.1	1017.7	1016.5	1016.3	1014.4	1014.7	1010.7	1014.7
	SD	13.981	12.976	13.241	10.476	8.893	7.701	6.784	7.160	9.371	11.530	11.729	15.166	11.336
	TOT OBS	263	226	249	239	248	237	232	262	265	279	266	277	3045
09	MEAN	1014.5	1017.3	1011.1	1016.6	1013.5	1016.3	1017.9	1016.8	1016.8	1015.1	1015.4	1011.4	1015.2
	SD	14.173	12.995	13.302	10.530	8.964	7.649	6.681	7.125	9.410	11.496	11.763	15.272	11.331
	TOT OBS	258	227	247	239	246	237	238	270	265	279	266	278	3050
12	MEAN	1014.4	1017.3	1011.2	1016.1	1013.1	1016.2	1017.3	1016.5	1016.5	1014.8	1015.1	1011.2	1014.9
	SD	14.214	12.949	13.222	10.410	8.789	7.566	6.582	6.871	9.179	11.543	11.628	15.225	11.255
	TOT OBS	260	223	244	234	245	235	237	267	264	279	268	275	3031
15	MEAN	1013.6	1016.4	1010.4	1015.6	1012.7	1015.7	1016.9	1015.9	1016.1	1014.1	1014.5	1010.7	1014.3
	SD	14.174	12.921	13.003	10.276	8.684	7.380	6.326	6.675	8.769	11.377	11.704	15.071	11.114
	TOT OBS	260	221	246	237	244	235	239	260	269	276	268	269	3024
18	MEAN	1014.3	1016.7	1010.6	1015.4	1012.6	1015.6	1016.5	1015.9	1016.0	1014.5	1015.0	1011.1	1014.5
	SD	14.376	12.958	12.963	10.358	8.498	7.243	6.179	6.383	8.766	11.497	11.716	15.164	11.088
	TOT OBS	261	223	244	241	247	234	240	258	260	279	265	278	3030
21	MEAN	1014.7	1016.8	1011.3	1016.4	1013.6	1016.4	1017.8	1016.7	1016.7	1015.0	1015.1	1011.1	1015.1
	SD	13.817	12.855	13.034	10.423	8.558	7.280	6.105	6.485	8.969	11.511	12.123	15.510	11.208
	TOT OBS	261	225	247	237	246	233	233	263	262	277	268	278	3030
ALL HOURS	MEAN	1014.3	1016.9	1010.9	1016.1	1013.2	1016.1	1017.4	1016.4	1016.4	1014.6	1015.0	1011.1	1014.8
	SD	13.958	12.932	13.117	10.430	8.717	7.492	6.462	6.834	9.079	11.484	11.763	15.237	11.230
	TOT OBS	2085	1788	1967	1903	1968	1881	1892	2106	2111	2221	2138	2209	24269

SUPPLMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

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)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK

PERIOD OF RECORD: 51-65
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.5	60.0	1.5	20.1	1.5	66.9	56.7	93.3	.7		91.3	402
FEB		58.0	.5	21.8	1.1	69.2	56.4	96.9	.3		91.8	367
MAR	.5	54.6		12.9	2.0	62.3	53.6	91.6	.2		94.3	403
APR	1.1	60.3		2.2	1.7	66.8	35.3	83.1			85.0	360
MAY	5.4	58.9		.3	1.6	58.9	32.3	78.2		.3	80.9	372
JUN	6.7	56.7			.3	56.7	38.3	75.6			78.3	360
JUL	7.0	59.0			.3	59.0	28.6	70.9			74.4	371
AUG	5.2	67.2			.7	67.2	44.2	72.0			76.9	403
SEP	2.6	60.0			.3	60.0	51.3	76.9			81.3	390
OCT	1.1	60.5		.3	.5	60.5	65.1	85.5			89.5	372
NOV	1.7	70.6		3.9	1.1	71.7	64.7	91.9			91.4	360
DEC		68.5	.8	7.7		70.0	66.4	78.7	.3		91.3	390
TOTALS	2.6	61.2	.2	5.8	.9	63.6	49.4	80.4	.1	.0	85.5	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	# DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	21.1	23.4	3.0	13.4	9.2	10.4	6.7	2.3	.2					45.0	402	1.96	4.16	.57
FEB	21.1	31.9	4.4	10.9	6.5	10.4	4.1	.5						36.8	367	1.29	3.16	.15
MAR	27.7	23.1	4.7	10.4	6.7	7.4	5.5	2.5						39.2	403	1.76	3.72	.08
APR	29.1	25.5	4.2	9.7	7.8	11.9	3.6	.6						37.8	360	1.41	2.89	.28
MAY	41.1	27.7	4.3	10.6	5.6	9.9	6.2	1.3						38.2	372	1.74	3.71	.60
JUN	43.2	21.7	3.1	11.8	6.7	5.6	5.6	3.1	.3					35.3	360	1.94	3.42	.11
JUL	41.7	19.4	4.6	12.7	5.4	9.2	7.6	1.1						39.9	371	1.88	3.67	.05
AUG	35.6	20.9	4.7	7.7	9.7	7.9	6.9	2.0	1.2					40.2	403	2.45	4.32	.35
SEP	40.1	23.3	4.4	9.2	5.9	10.5	5.1	2.6						36.7	390	1.83	3.70	.15
OCT	29.8	19.2	4.3	10.6	7.5	10.5	6.5	2.2						41.4	372	2.70	3.98	.83
NOV	28.7	21.4	7.2	11.6	7.8	12.8	8.3	3.1	.6					50.3	360	2.73	5.22	1.07
DEC	24.9	20.7	4.4	9.5	7.5	12.9	8.3	1.8	.3					44.2	389	2.28	4.50	.49
ANN	30.0	23.4	4.4	10.6	7.2	9.9	6.1	1.9	.2					40.4	4549	22.29		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 03885 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								1.16	.53	.31	1.40	.36	
52	.36	.73	.56	.27	.77	.71	.11	.59	.25	.80	.47	.52	.80
53	.22	.39	.38	.37	.35	.32	.47	.74	.78	.59	.48	.21	.78
54	.90	.43	.73	.21	.34	.96	.49	.42	.29	.35	.62	.72	.96
55	.47	.50	.56	.21	.98	.65	.03	.30	.15				
56												*.55	
57	.55	.46	.39	.17	.28	.43	.46	.69	.55	.50	.95	1.19	1.19
58	1.31	.76	.11	.41	.43	.97	.69	.43	.41	.27	1.08	.44	1.08
59	*1.00	.12	.85	.77	.27	.33	.41	1.04	.12	.72	.44	.67	1.04
60	.59	.43	.59	.25	.54	1.19	.73	.74	.73	.66	.66	.81	1.19
61	.67	.61	.04	.54	.29	.97	.48	1.64	.72	.55	.24	.85	1.64
62	.47	.15	.39	.49	.36	.03	.52	1.15	.81	.31	.24	.46	1.15
63	.61	.13	.43	.24	.37	.63	.43	.46	.41	.70	.86	.31	.86
64	.14	.17	.64	.34	.96	.66	*.13	.17	.29	.26	.52	.37	.96
65	.36	.37	.70										
MEAN	.595	.344	.505	.357	.503	.672	.437	.748	.464	.502	.663	.576	1.072
*'S	.760	.217	.252	.162	.256	.340	.208	.417	.241	.195	.349	.280	.268
TOTAL OBS	402	367	403	368	372	360	371	403	399	372	360	289	4549

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 03[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								4.32	2.17	.83	5.22	1.32	
52	1.[illegible]	.26	2.17	1.11	[illegible].33	1.46	.16	3.31	.79	3.43	2.42	2.18	21.22
53	.35	1.46	.68	1.65	1.20	1.64	2.38	2.72	1.82	1.68	1.10	.49	17.57
54	1.32	1.39	2.13	.2[illegible]	1.66	3.47	1.63	2.55	1.60	2.19	4.72	1.27	24.97
55	2.21	1.52	1.22	.44	3.71	2.74	.35	.63	.59				
56												*1.25	
57	1.[illegible]	2.12	1.9[illegible]	.[illegible]1	1.[illegible]8	1.32	3.39	3.00	3.11	1.64	1.69	3.00	24.47
58	2.[illegible]2	3.16	.7[illegible]	1.[illegible]7	1.76	3.[illegible]7	2.63	1.83	1.90	1.06	3.52	2.82	26.59
59	*4.[illegible]6	.[illegible]5	2.35	2.[illegible]0	.6[illegible]	1.[illegible]3	1.59	1.9[illegible]	.15	2.10	1.57	4.50	*22.56
60	3.[illegible]3	1.99	1.[illegible]6	.7[illegible]	1.84	2.[illegible]0	3.67	2.[illegible]5	3.70	3.98	3.94	3.35	31.71
61	2.9[illegible]	2.[illegible]0	.[illegible]8	2.8[illegible]	.63	1.14	2.24	3.29	1.98	2.85	1.07	3.66	25.28
62	2.55	.[illegible]3	1.26	2.[illegible]7	1.81	.11	1.46	3.55	3.38	1.08	1.58	2.07	21.55
63	1.41	.57	2.72	2.[illegible]4	1.79	2.[illegible]0	1.[illegible]3	2.25	1.81	2.[illegible]2	4.64	.78	25.13
64	.57	.71	3.26	2.17	2.31	2.[illegible]4	*.[illegible]4	.35	.77	1.12	1.34	1.94	*17.15
65	2.[illegible]5	.17	2.34										
[illegible]EAN	1.[illegible]64	1.287	1.7[illegible]2	1.[illegible]45	1.743	1.[illegible]26	1.[illegible]81	2.450	1.[illegible]29	1.[illegible]98	2.734	2.282	24.277
S[illegible]	.[illegible]49	1.[illegible]01	1.[illegible]46	.[illegible]79	.844	.[illegible]75	1.[illegible]37	1.130	1.[illegible]92	.993	1.569	1.219	3.947
TOTAL [illegible]	[illegible]2[illegible]	367	4[illegible]3	[illegible]6[illegible]	272	[illegible]0	[illegible]71	4[illegible]2	[illegible]90	372	360	389	4549

NOTE * BASED ON LESS THAN FULL MONTH(S)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NO: [illegible] STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

MONTH	NONE	TRACE	AMOUNTS IN INCHES .1 TO .4	.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	[illegible]	11.4	2.5	3.5	1.2	.5	.5	.2						8.5	402	2.1	12.7	TRACE
FEB	79.7	14.2	2.5	3.2	.8	.5		.3						7.1	367	2.1	9.9	.0
MAR	77.1	8.4	3.2	1.[illegible]	.7				.2					4.5	403	1.2	7.9	.0
APR	7.[illegible]	1.[illegible]	.6											.6	360	TRACE	.2	.0
MAY	99.7	.3													372	TRACE	TRACE	.0
JUN	[illegible]														360	.0	.0	.0
JUL	[illegible]														373	.0	.0	.0
AUG	[illegible]														426	.0	.0	.0
SEP	[illegible]														390	.0	.0	.0
OCT	[illegible]														372	.0	.0	.0
NOV	[illegible]	1.[illegible]	.5	.7	.2									1.5	405	.4	3.7	.0
DEC	[illegible]	4.4	.6	.3	1.1		.6							2.8	361	1.6	6.8	.0
ANN	94.4	5.[illegible]	.8	.7	.3	.1	.1	.2	.2					2.1	4591	8.4		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 03049 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								.0	.0	.0	.0	.0	
52	1.5	TRACE	1.6	TRACE	.0	.0	.0	.0	.0	.0	1.5	2.0	2.0
53	TRACE	1.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.9
54	1.9	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
55	2.0	5.0	.4	.0	TRACE	.0	.0	.0	.0		*.0		
56							*.0	*.0			*.0	*.1	
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.8	3..	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0
59	*2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*2.0
60	3.5	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.5
61	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
62	.7	TRACE	.2	.1	.0	.0	.0	.0	.0	.0	.7	4.1	4.1
63	4.6	1.2	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6
64	.4	.5	1.3	TRACE	.0	.0	*.0	.0	.0	.0	*.0		
65	.9	.2	7.6										
MEAN	1.55	1.18	.89	.07	TRACE	.00	.00	.00	.00	.00	.20	1.10	2.78
S.D.	1.428	1.662	2.061	.277	.000	.000	.000	.000	.000	.000	.480	1.658	1.458
TOTAL OBS	402	367	403	367	372	360	373	426	390	372	405	361	459

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

TOTAL MONTHLY SNOWFALL IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								.0	.0	.0	.0	.0	
52	1.9	TRACE	2.5	TRACE	.0	.0	.0	.0	.0	.0	3.7	3.0	11.1
53	TRACE	3.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.9
54	.3	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3
55	9.7	9.9	.9	.0	TRACE	.0	.0	.0	.0		*.0		
56							*.0	*.0			*.0	*.1	
57	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.9	4.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.4
59	*2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*2.0
60	5.0	6.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	13.0
61	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.1
62	.7	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	1.0	6.8	8.7
63	11.7	3.0	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	15.9
64	1.4	.6	4.1	TRACE	.0	.0	*.0	.0	.0	.0	*.0		
65	2.3	.2	7.9										
MEAN	3.13	2.13	1.29	.03	TRACE	.00	.00	.00	.00	.00	.43	1.63	7.49
SUM	4.797	3.115	2.351	.077	.000	.000	.000	.000	.000	.000	1.126	2.595	5.196
TOTAL OBS	402	367	403	360	372	360	373	426	390	372	405	361	459

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FOR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 036490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

MONTH	NONE	TRACE	1	2	3	AMOUNTS IN INCHES 4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	79.9	4.7	3.5	2.5	.5	3.2	6.0	.2						15.9	403			
FEB	84.2	3.1	4.6	4.1	1.6	2.5								12.8	367			
MAR	95.4	4.3	.3	.3										.5	372			
APR	100.0														360			
MAY	100.0														372			
JUN	100.0														360			
JUL	100.0														373			
AUG	100.0														426			
SEP	100.0														410			
OCT	100.0														426			
NOV	98.5	.2	.7	.5										1.2	407			
DEC	94.1	1.7	2.0	.5	1.0	.2	.5							4.2	408			
ANN	96..	1.1	.9	.7	.7	.5	.5	.0						2.9	4684			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 03649[illegible] STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]1								0	0	0	0	0	
[illegible]2	2	0	2	0	0	0	0	0	0	0	2	1	2
[illegible]3	1	1	1	0	0	0	0	0	0	0	0	0	1
[illegible]4	2	2	0	0	0	0	0	0	0	0	0	0	2
[illegible]5	5	5	TRACE	0	0	0	0	0	0	0	*0	*0	5
56							*0	*0	*0	*0	*0	*3	
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	1	1	0	0	0	0	0	0	0	0	0	0	1
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
[illegible]	6	2	0	0	0	0	0	0	0	0	0	TRACE	6
61	1	0	1	0	0	0	0	0	0	0	0	4	4
62	4	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	1	7
63	15	4	TRACE	0	0	0	0	0	0	0	0	0	15
64	0	0	0	0	0	0	*0	0	0	0	0	0	0
65	2	0											
MEAN	2.7	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.0	3.8
[illegible]	4.257	1.739	.577	.000	.000	.000	.000	.000	.000	.000	.577	2.216	4.614
TOTAL [illegible]	402	367	372	360	372	360	373	426	410	426	407	408	4684

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 030490 STATION NAME: PRIZE NORTON RAF UK PERIOD OF RECORD: 55-65

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55													
56													
57					NNE*37	ENE*28	[illegible] 31	WSW 35	W 34	W 35	WNW 44	WSW 36	
58	WNW 41	N *39	E 27	NW 30	SSW 32	WSW 29	SW 38	NW 29	WSW*32	WNW 25	SW 25	S *26	WNW 41
59	SW 37	E 26	SSW 34	W *22		W *25	SW *29	SW *23	W *25	WNW*40	SW *39	W *41	
60	NW 29	SSW 35	E 28	SW 35	NE 22	WSW 29	SW 26	SSE 27	NW 28	E 35	WNW 42	SW 48	SW 48
61	SE 41	S 39	WSW 30	W 27	WSW 29	W 22	W 31	WSW 39	SSW 36	NW 33	NE 36	WSW 44	WSW 44
62	W 54	W 41	W 33	SSW 30	WSW 31	WSW 35	WSW 31	NW 34	S 40	S 31	N 31	WNW 50	W 54
63	NE 40	NE 25	S 39	NE 32	SSW 30	WSW 30	SSW 31	WSW 34	WSW 32	SW 30	W 45	ENE 30	W 45
64	W 26	ENE 26	NW 27	NNE 31	WSW 32	ENE 27	W 33	WNW 30	WSW 40	SW 40	W 40	WSW 45	WSW 45
65	W 62	WNW 38	SE 30										
MEAN	40.6	30.9	32.0	31.7	29.3	28.7	31.6	32.6	35.0	32.7	36.9	42.2	47.2
[illegible]	1,695	6,962	4,761	3,777	3,777	4,027	5,652	4,117	4,690	4,716	5,877	7,653	4,087
TOTAL OBS	245	216	242	187	194	210	234	235	217	243	236	241	2698

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 03o46C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60								.2					.0
65					.3	.6	.5	1.5					.3
70					1.1	3.9	6.5	4.2	1.3				1.4
75					3.5	13.6	10.6	13.9	3.8	.3			4.5
80				.6	1.4	12.4	31.7	39.6	36.2	16.2	2.2		11.8
85				2.0	5.8	26.9	60.0	79.5	74.7	47.2	8.1		25.4
90			.5	4.2	20.3	59.6	91.4	98.1	98.8	86.2	31.2	.6	.3	40.5
95	1.5	3.5	22.6	54.4	84.1	98.6	100.0	100.0	97.9	69.6	15.0	4.1	54.0
100	16.6	23.9	51.6	86.1	98.4	100.0			100.0	94.4	55.0	25.4	70.5
105	38.2	47.1	71.2	96.7	100.0					100.0	83.3	53.2	82.1
110	62.6	77.8	89.6	99.7							95.6	72.8	90.7
115	85.6	89.9	96.5	100.0							99.7	91.3	97.0
120	96.6	99.2	100.0								100.0	99.5	99.6
125	99.5	100.0										99.7	99.9
130	100.0											100.0	100.0
MEAN	91.9	93.7	96.9	99.1	91.1	86.8	89.0	88.5	89.6	97.3	99.4	94.3	95.9
SD	6.795	6.787	7.007	5.676	6.717	6.366	5.831	5.491	5.420	5.132	5.077	6.671	11.504
TOTAL OBS	403	367	403	360	372	360	371	402	390	372	360	389	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 0[illegible]6490 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE [illegible]						.3							.0
GE [illegible]						2.2	6.2	8.9	1.8				1.6
GE [illegible]					3.2	16.4	78.0	36.0	12.6	3.5			9.2
GE [illegible]	1.2	.5	1.5	1.9	19.9	55.6	81.4	76.2	44.9	21.0	3.6	.8	25.8
GE 45	5.5	5.2	10.2	16.9	54.6	86.1	98.1	95.6	80.3	49.2	20.0	11.3	44.4
GE 40	14.6	13.8	30.8	55.0	84.4	97.8	100.0	99.5	94.9	78.8	46.9	26.0	62.0
GE [illegible]	37.5	43.3	60.3	86.7	97.6	100.0		100.0	100.0	92.2	70.6	52.4	78.1
GE [illegible]	54.6	55.3	67.5	93.6	99.7					95.4	82.2	65.6	84.2
GE [illegible]	72.5	75.5	80.1	98.9	100.0					98.4	92.8	78.9	91.2
GE [illegible]	86.6	92.4	93.5	100.0						100.0	98.6	91.3	96.8
GE [illegible]	94.0	98.1	99.5								100.0	96.7	99.0
GE 10	93.3	100.0	99.6									99.5	99.8
GE [illegible]	99.0		100.0									100.0	99.9
GE [illegible]	99.8												100.0
GE [illegible]	100.0												100.0
MEAN	32.5	33.6	35.7	40.1	44.8	49.9	53.1	52.7	48.6	44.1	38.7	34.8	42.4
SD	7.557	6.480	6.935	4.846	5.138	4.786	4.137	4.836	5.174	6.301	6.337	7.481	9.371
TOTAL OBS	403	367	403	360	372	360	371	403	390	372	360	389	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 03649C STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75							.5	.2					.1
GE 70					.3	2.5	5.4	4.0	.3				1.0
GE 65					3.0	11.4	21.6	20.1	5.4	.3			5.2
GE 60				.6	13.4	40.8	61.7	56.6	27.9	4.6			17.2
GE 55	.2		.4	6.7	35.5	82.6	97.3	96.5	68.5	24.5	.8	.3	34.5
GE 50	3.2	3.5	14.1	36.1	75.3	97.2	100.0	100.0	94.9	61.3	18.3	7.5	50.8
GE 45	13.6	20.4	43.2	76.7	96.8	100.0			99.7	89.2	48.6	24.4	67.4
GE 40	39.2	47.7	66.7	96.4	100.0				100.0	98.9	83.1	54.2	81.8
GE 35	73.3	74.1	86.6	100.0						100.0	96.1	78.4	92.1
GE 30	97.8	94.3	96.5								99.2	92.6	97.6
GE 25	99.3	99.2	100.0								100.0	98.7	99.6
GE 20	99.3	100.0										99.7	99.9
GE 15	99.5											100.0	100.0
GE 10	100.0												100.0
MEAN	37.4	38.9	42.6	47.9	53.4	58.6	61.3	60.8	56.8	50.9	44.3	39.6	49.4
SD	6.915	6.221	6.215	4.635	5.294	4.838	4.376	4.453	4.504	5.068	5.201	6.723	10.065
TOTAL OBS	403	367	403	360	372	360	371	403	390	372	360	389	4550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 037690 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51								73	74	63	60	53	
52	53	53	58	74	82	82	83	76	71	63	58	53	88
53	58	59	67	65	85	81	76	69	74	67	57	56	89
54	54	54	60	61	78	72	71	76	82	66	58	61	82
55	52	53	57	65	68	75	66	87	73				
56												*55	
57	56	56	65	68	73	66	84	82	67	66	55	56	86
58	55	57	55	71	74	75	78	77	78	65	57	54	78
59	51	61	59	67	81	76	89	82	81	77	58	53	89
60	58	62	61	65	75	80	69	75	72	65	59	54	80
61	52	58	68	62	71	82	81	86	82	67	57	58	86
62	54	62	56	66	63	73	76	70	73	66	54	55	76
63	47	43	59	64	78	78	81	74	73	70	60	51	81
64	57	54	56	66	74	72	*79	80	77	66	57	56	80
65	54	49	71										
MEAN	53.7	54.6	60.9	66.2	75.2	77.7	79.9	79.8	75.2	66.8	57.5	55.0	83.5
S.D.	4.249	4.857	5.171	3.589	6.162	4.539	6.610	6.610	4.562	3.720	1.784	2.463	4.720
TOTAL OBS	403	367	403	367	372	360	371	403	390	372	360	389	4550

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 37649 STATION NAME: BRIZE NORTON RAF UK PERIOD OF RECORD: 51-65

WHOLE DEGREES FAHRENHEIT

YEAR	-M-O-N-T-H-S- JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52								44	40	26	30	25	
53	17	26	28	34	39	43	46	45	36	30	22	16	16
54	23	23	20	32	36	40	46	44	42	32	32	31	20
55	19	17	26	31	35	44	43	45	37	27	25	26	17
56	17	18	22	30	34	39	46	45	39				
57												*28	
58	23	27	26	32	34	39	49	45	35	34	29	24	24
59	16	27	21	28	37	42	45	46	43	39	31	31	16
60	27	26	32	35	35	43	44	47	37	34	23	28	20
61	21	24	31	32	38	44	45	42	40	30	29	27	21
62	21	36	26	36	32	40	42	42	36	28	27	14	14
63	10	25	20	31	33	36	43	40	36	28	22	17	12
64	3	17	21	32	33	46	44	42	38	35	29	12	3
65	19	22	26	29	36	39	*44	37	35	25	27	15	15
66	23	20	13										
MEAN	19.8	23.6	24.3	31.6	35.2	41.2	44.8	43.4	38.2	30.7	27.2	22.2	16.3
SUM	5,744	5,295	5,345	2,214	2,125	2,964	1,940	2,725	2,544	4,207	3,460	6,513	5,670
TOTAL OBS	403	367	403	369	372	360	371	403	390	372	360	389	4550

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE
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