

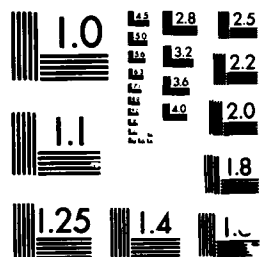
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RAF BENTWATERS UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. MAR 88
UNCLASSIFIED USAFETAC/DS-88/019

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

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UK 035963

USAFETAC/DS-88/019

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OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

RAF BENTWATERS UK MSC# 035963
N 52 08 E 001 26 ELEV 86 FT EGVJ
PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST
PERIOD OF RECORD:
HOURLY OBSERVATIONS: DEC 77 - NOV 87
SUMMARY OF DAY DATA: JUN 51 - NOV 87

MAR 25 1988

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REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
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- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
11. Title: (RUSSWO) RAF Bentwaters UK.
12. Personal Author(s):
- 13a. Type of Report: Data Summary
- 13b. Time Covered: Jun 51-Nov 87.
14. Date of Report: Mar 1988
15. Page Count: 312
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); RAF Bentwaters UK; United Kingdom; UK035963.
19. Abstract: A six-part statistical data summary of surface weather observations for: RAF Bentwaters UK. 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.
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- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

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STATION NAME: RAF BENTWATERS UNITED KINGDOM

STATION NUMBER: C15962

CALL ID: EGVJ

PERIOD OF RECORD:

HOURS SUMMARIZED: 0600-2300 LST

HOURLY OBSERVATIONS: DEC 77 - NOV 87

SUMMARY OF DAY DATA: JUN 56-JAN 57, JAN 58-AUG 58, NOV 58-JUL 75, NOV 75-NOV 87

TIME CONVERSION LST TO GMT: +C

DATE PRODUCED: 17 MAR 1986

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OL-A/USAFETAC/PAC/AWS
ASHEVILLE NC 28861

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 1C/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 1C/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE SUMMARY IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

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, "ANALYSIS FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (1 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 CATSAY OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
035963	BENTWATERS RAF UK	N 52 08	E 001 26	86	EGVJ	03596

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)	WT. BARO.	
1	Bentwaters RAF UK	RAF	Jun 51	Mar 55	N 52 07	E 001 26	90	87	24
2	Same	Same	Apr 55	Jan 57	Same	Same	92	Same	24
3	Same	Same	Jan 58	Mar 61	Same	Same	97	107	24
4	Same	Same	Apr 61	Sep 66	N 52 08	Same	98	Same	24
5	Same	Same	Oct 66	May 67	Same	Same	95	Same	24
6	Same	Same	Jun 67	Jul 72	Same	Same	Same	108	24
7	Same	Same	Aug 72	Feb 78	Same	Same	85	Same	24
8	Same	Same	Mar 78	Jul 82	Same	Same	86	96	24
9	Same	Same	Aug 82	Dec 83	Same	Same	86	96	24
10	Same	Same	Jan 84	Nov 87	Same	Same	86	96	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 51	Located on tower on roof of the weather station.	AN/GMQ-1	ML 204B (Wnd Pnl)	35 ft	
2	Jan 58	Located 320 ft S of Station 1706T.	Same	Same	17 ft	
3	Oct 58	Same	Same	Same	Same	
4	Nov 58	Same	AN/GMQ-11	RO-2	15 ft	
5	Mar 60	Located 110 yds SE of weather stn.	Same	Same	Same	
6	May 61	Located in open area 110 yds due S of the weather stn.	Same	Same	14 ft	
7	Mar 64	1. Located 1000 ft down and 500 ft N of runway 25.	Same	Same	Same	
		2. Located 500 ft down and 500 ft N of runway 7.	Same		Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
8	Jun 69	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
9	Jul 70	1. Located 700 ft off centerline, 1450 ft from end of runway 25.	AN/GMQ-20	Same	Same	
		2. Located 425 ft off centerline, 1750 ft from end of runway 7.	Same		Same	
10	Feb 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	
11	Jul 82	1. Same	Same	Same	Same	
		2. Same	Same		Same	
12	Dec 83	1. Same	Same	Same	Same	
		2. Same	Same		Same	
13	Nov 87	1. Same	Same	Same	Same	
		2. Same	Same		Same	

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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 2-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

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.

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).

HAIR: ALL REPORTED HAIR.

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 (1600 METER).

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 ".C" 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 10/1CA 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 10/1CA, 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.

CLIMATOLOGY BRANCH
 AF
 OTHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-67
 MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.5		4.6		15.6	30.2	10.4	.8		41.4	923
03-05		13.7		4.1		17.4	30.9	11.7	.9		43.5	925
06-08		14.9		6.4	.1	20.1	29.4	11.4	1.0		41.9	927
09-11	.2	13.1	.1	7.1	.2	19.6	24.8	14.3	.8		39.6	927
12-14		12.7	.2	6.4		17.9	19.2	18.8	.6		38.6	927
15-17		14.4		5.0		17.7	18.4	19.1	.6		38.2	927
18-20		12.3		4.4		15.6	22.5	17.0	.6		40.2	927
21-23		10.0		4.6		14.3	27.4	13.6	.6		41.6	927
TOTALS	.6	12.6	.0	5.3	.0	17.3	25.4	14.5	.7		40.7	7410

NUMBER: 035963 STATION NAME: RAF BLNTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-67
 MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		10.5		5.2	.1	15.0	33.6	17.3			50.8	840
03-05		8.6		5.7		13.8	40.2	12.7			53.0	840
06-08	.1	7.9		5.7		13.4	40.9	14.2	.1		55.3	843
09-11		10.5	.4	7.0		17.3	29.1	24.0	.2		53.3	842
12-14		10.3		5.9		15.4	18.2	32.8		.1	51.1	842
15-17		11.6		6.7		18.3	15.5	35.0	.1		50.6	840
18-20		11.8		4.6		15.7	22.5	31.1	.1		53.7	840
21-23		9.8		3.8		12.9	28.2	25.5			53.7	840
TOTALS	.6	10.2	.1	5.6	.0	15.2	28.5	24.1	.1	.0	52.7	6727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		12.6		1.4		13.6	29.9	15.2			45.1	927
03-05		16.2		1.3		17.0	32.7	13.2			45.9	926
06-08		16.4		1.7		17.7	31.0	16.6			49.6	925
09-11		14.9		2.4		16.7	18.8	26.6			45.5	924
12-14	.2	17.4		2.3	.1	18.6	7.8	28.2			36.0	924
15-17		17.5		1.4	.1	18.5	7.7	27.0			34.7	925
18-20		14.0		1.0		14.8	18.4	20.2			38.6	927
21-23		14.1		1.3		15.1	25.1	13.1			38.2	927
TOTALS	.0	15.4		1.6	.0	16.5	21.4	20.3			41.7	7405

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	13.7		.7		11.1	24.0	14.3			38.3	900
03-05	.3	12.7		.6		13.0	31.6	10.8			42.3	900
06-08		12.4		1.2		12.9	30.3	18.2			48.6	900
09-11		13.4		1.0		13.3	9.3	26.2			35.6	900
12-14		12.6		.8	.1	12.7	5.2	25.2			30.4	900
15-17	.6	12.0		.7	.1	12.3	4.1	24.1			28.2	900
18-20	.1	11.7		.1		11.8	10.4	21.8			32.2	900
21-23	.1	12.3		.6		12.8	15.9	17.8			33.7	900
TOTALS	.2	12.2		.7	.0	12.5	16.4	19.8			36.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.4	11.5				11.5	28.9	13.7			42.6	927
03-05	.1	9.9				9.9	41.2	11.2			52.4	927
06-08	.1	10.3		.1		10.3	29.4	20.2			49.6	925
09-11	.6	11.6				11.6	10.1	28.1			38.2	924
12-14	.2	10.9			.1	11.0	5.6	28.3			33.9	925
15-17	.5	10.5				10.5	6.1	26.6			32.7	924
18-20	.9	9.6				9.6	9.2	25.4			34.6	924
21-23	.6	9.5				9.5	19.3	19.4			38.7	927
TOTALS	.4	10.5		.0	.0	10.5	18.7	21.6			40.3	7403

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	11.0				11.0	29.7	11.0			40.7	897
03-05	.1	11.6				11.6	41.7	10.0			51.7	899
06-08	.4	11.5				11.5	23.8	19.5			41.3	899
09-11	.7	8.1		.1	.1	8.2	7.5	22.7			34.1	899
12-14	1.7	9.3				9.3	2.2	20.2			22.4	900
15-17	1.0	9.5				9.5	1.3	18.8			20.1	899
18-20	1.1	11.1			.1	11.2	6.5	16.9			23.4	899
21-23	.9	12.7				12.7	15.9	16.1			22.0	899
TOTALS	.8	10.6		.0	.2	10.6	16.1	16.9			33.0	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.5	8.0				8.0	31.0	11.4			42.4	915
03-05	.4	10.3				10.3	42.3	11.7			54.0	915
06-08	.2	9.2				9.2	27.8	24.2			52.0	914
09-11		9.1				9.1	6.6	28.4			35.0	912
12-14	.2	8.6				8.6	2.4	25.0			27.4	912
15-17	.9	8.3				8.3	2.6	24.8			27.4	915
18-20	1.3	6.7				6.7	7.2	24.6			31.9	913
21-23	1.0	8.0				8.0	20.4	15.6			35.9	913
TOTALS	.6	8.5				8.5	17.5	20.7			38.3	7309

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	7.6				7.6	33.9	10.9			44.8	929
03-05	.4	8.4				8.4	42.7	8.6			51.3	930
06-08	.2	8.2				8.2	13.8	19.0			52.8	930
09-11	.3	7.7				7.7	8.6	27.0			35.6	930
12-14	.9	8.5				8.5	2.2	26.0			28.2	930
15-17	.5	9.0			.1	9.1	1.9	29.0			31.0	930
18-20	.3	8.0				8.0	7.0	27.3			34.3	930
21-23	.6	6.6				6.6	22.6	16.9			39.5	930
TOTALS	.5	8.0			.0	8.0	19.1	20.6			39.7	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	5.2				5.2	30.7	14.1			44.8	900
03-05	.1	6.9				6.9	36.0	10.7			46.7	900
06-08	.1	8.1				8.1	35.0	14.4			49.4	900
09-11	.1	7.2				7.2	13.1	26.7			39.8	900
12-14		7.2				7.2	4.8	27.4			32.2	900
15-17	.3	8.7				8.7	4.7	29.8			34.4	900
18-20	.7	7.2				7.2	13.9	26.7			40.6	900
21-23	.1	6.3				6.3	22.8	18.4			41.2	900
TOTALS	.3	7.1				7.1	20.1	21.0			41.1	7200

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.1	9.9				9.9	36.0	9.6			45.6	930
03-05	.1	12.4				12.4	36.8	8.2			44.9	930
06-08	.5	12.4				12.4	35.7	12.2			47.8	930
09-11	.2	10.8				10.8	18.5	23.5			42.6	930
12-14	.2	11.6				11.6	8.2	24.2			32.4	930
15-17	.1	12.6				12.6	11.2	24.1			35.3	930
18-20		13.7				13.7	19.0	18.5			37.5	930
21-23	.2	13.0				13.6	26.3	12.6			36.4	930
TOTALS	.2	12.6				12.6	24.0	16.6			40.6	7440

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.1	13.1				13.1	31.2	10.6			41.6	888
03-05		13.4		1.0		14.1	32.4	10.7			43.1	888
06-08		12.6		.6		13.1	34.0	10.3			44.2	886
09-11	.1	11.8		.5		12.1	27.1	19.2			46.4	884
12-14		11.5		.6		12.0	18.7	22.9			41.7	881
15-17		14.1		.9		14.9	18.4	20.5			38.9	882
18-20		15.0		1.1		15.6	24.2	16.3			40.5	881
21-23		13.9		.7		14.2	28.7	12.9			41.6	882
TOTALS	.0	13.2		.7		13.6	26.8	15.4			42.3	7672

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		13.3		1.2		14.2	28.0	14.5			42.6	902
03-05	.1	13.1		1.4	.1	14.4	29.9	12.8			42.7	903
06-08		16.2		2.1		17.8	28.3	11.1	.1		39.5	909
09-11		16.7		2.2		18.2	22.0	17.3	.2		39.5	921
12-14		15.8		3.1		18.5	15.0	21.8	.1		36.9	918
15-17	.1	14.2		2.1		15.9	21.0	20.4			41.4	918
18-20		12.9		1.9		14.6	26.6	16.3			42.9	918
21-23	.1	13.8		1.7		15.5	27.6	14.3			41.6	918
TOTALS	.0	14.5		2.0	.0	16.1	24.8	16.1	.1		40.9	7307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURLS (LST)	TSTMS	RAIN L/OR DRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL	.0	12.8	.0	5.3	.0	17.3	25.4	14.5	.7		40.7	7410
FEB	.0	10.2	.1	5.6	.0	15.2	28.5	24.1	.1	.0	52.7	6727
MAR	.0	15.4		1.6	.0	16.5	21.4	20.3			41.7	7405
APR	.2	12.2		.7	.0	12.5	16.4	19.8			36.2	7200
MAY	.4	10.5		.0	.0	10.5	18.7	21.6			40.3	7403
JUN	.8	10.6		.0	.0	10.6	16.1	16.9			33.6	7191
JUL	.6	8.5				8.5	17.5	20.7			38.3	7309
AUG	.5	8.0			.0	8.0	19.1	20.6			39.7	7439
SEP	.3	7.1				7.1	20.1	21.0			41.1	7200
OCT	.2	12.0				12.0	24.0	16.6			40.6	7440
NOV	.0	13.2		.7		13.6	26.8	15.4			42.3	7072
DEC	.0	14.5		2.0	.0	16.1	24.8	16.1	.1		40.9	7307
TOTALS	.3	11.3	.0	1.3	.0	12.3	21.6	19.0	.1	.0	40.6	87103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87
MONTH: ALL

MONTH	TSTMS	RAIN L/OP DRIZZLE	FWZING RAIN L/OP DRIZZLE	SNOW L/OP SLEET	HAIL	% OPS WITH PRECIP	FOG	SMOKE L/OP HAZE	BLOWING SNOW	DUST L/OP SAND	% OPS W/ OBST TO VISION	TOTAL OBS
JAN	.3	59.9	.4	22.2	.3	69.8	59.0	75.1	1.5		17.6	1091
FEB	.6	50.8	.2	24.4	.5	63.8	58.8	79.9	1.3		18.5	985
MAR	1.7	57.6	.2	13.7	1.3	62.8	55.1	80.6	.5		17.1	1082
APR	2.6	60.8		6.1	1.7	61.6	47.9	74.3			79.8	1056
MAY	6.3	58.2		.9	1.2	58.2	46.0	76.2			11.4	1085
JUN	8.7	53.6		.2	.7	53.6	45.9	74.3			79.9	1045
JUL	8.4	53.0			.4	53.0	46.0	73.2			79.4	1113
AUG	8.0	54.9			.4	54.9	52.7	79.6			14.7	1076
SEP	6.0	52.9		.1		52.9	55.5	77.1			12.5	1016
OCT	2.4	55.6			.2	55.6	62.6	78.4			17.9	1049
NOV	1.0	66.6		5.4	.7	68.0	58.6	75.8			15.6	1070
DEC	.4	64.0	.1	9.3	.7	67.0	62.5	74.1	.5		17.6	1077
TOTALS	3.9	57.3	.1	6.9	.7	60.1	54.2	76.5	.3		14.3	12745

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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 COLBTFUL 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 (HUNDREDS)

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				.05	.10	.25	.50	1.00	2.50	5.00	10.00	20.00	20.00			MEAN	GREATEST	LEAST
JAN	30.2	19.6	5.7	13.6	9.8	11.8	7.5	1.8						50.2	1092	2.23	4.03	.36
FEB	36.3	19.6	6.0	12.6	9.2	12.2	4.1	1.1						44.1	986	1.45	3.51	.17
MAR	37.1	17.9	5.4	12.8	7.7	12.7	5.0	1.4	.1					45.0	1082	1.76	3.69	.25
APR	38.1	20.3	5.6	11.5	8.1	10.8	4.0	1.5	.1					41.6	1050	1.63	5.00	.23
MAY	41.7	19.8	4.7	9.2	7.6	10.7	4.0	1.8	.5					38.5	1084	1.90	4.02	.29
JUN	46.4	18.7	3.6	8.2	5.6	9.1	5.8	2.2	.3					34.9	1045	1.87	5.13	.14
JUL	46.9	19.9	3.3	9.4	5.5	6.3	6.0	1.9	.7					33.2	1113	2.01	4.54	.15
AUG	44.6	18.4	4.5	8.9	5.2	8.5	6.4	2.7	.8					37.0	1055	2.29	4.93	.47
SEP	47.2	16.9	3.6	9.3	6.0	8.2	5.9	1.7	1.2					35.8	1016	2.13	5.78	.07
OCT	44.3	13.7	4.4	12.5	6.5	8.8	6.1	3.0	.8					41.9	1049	2.51	6.11	.20
NOV	31.3	16.6	5.2	13.4	9.0	14.0	7.1	3.3	.6					51.6	1078	2.66	5.79	.42
DEC	32.9	17.9	5.4	13.6	8.5	11.9	7.3	2.2	.3	.1				49.2	1083	2.34	5.54	.85
YR	39.8	18.3	4.3	11.2	7.2	10.4	5.8	2.0	.4	.0				41.9	12733	24.68		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-77

YEAR	24 HOUR AMOUNTS IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51						*.50	1.21	.49	.57	.15	.61	.49	
52	.48	.20	.48	.09	.40	.37	.40	1.15	.80	.53	.97	.40	1.15
53	.54	.48	.12	.20	.55	.41	.66	.30	.36	.63	.37	.28	.66
54	.36	.31	.71	.17	.38	.58	.44	.97	.36	.41	.90	.60	.57
55	.65	.48	.45	.11	.64	1.06	.09	1.18	.42	2.16	.21	.45	2.16
56	.77	.42	.18	.43	.48	.37	1.64	.69	.46	.45	.29	.42	1.64
57	*.11												
58	*.15	.59	.25	.37	1.50	.63	.52	*.20			.46	1.18	
59	.50	.17	.32	.23	.19	.19	.84	.74	.07	.41	.48	.62	.64
60	.49	.49	.73	.20	.25	.84	.63	.48	.83	1.86	.68	.40	1.86
61	.61	.56	.19	.34	1.01	.34	.40	.53	.78	.85	.32	.72	1.01
62	.37	.19	.28	.21	.37	.12	1.41	.45	.47	.82	.60	.53	1.41
63	.37	.15	.56	.75	.52	.49	.61	.43	.45	.41	.66	.32	.75
64	.23	.34	1.10	.70	.34	.88	.41	.40	.17	.64	.46	.37	1.10
65	.50	.20	.81	.66	.18	.56	.94	*.40	2.21	.20	.71	.93	2.21
66	.23	.43	.32	.68	.36	.65	.98	.79	.31	.72	.87	.39	.98
67	.29	.30	.35	.73	*.58	.56	.45	.95	.44	.42	1.49	.20	1.49
68	.30	.40	.32	.19	1.07	.41	.65	.47	1.28	.52	.26	.25	1.28
69	.35	.58	.68	.18	1.20	.55	2.00	1.13	.04	.07	.68	.51	2.00
70	.71	.40	.24	.41	.12	.20	.45	.36	1.20	.10	1.38	.40	1.38
71	.67	.30	.35	.34	.15	1.18	1.71	.58	.45	.73	.69	.26	1.71
72	.60	.25	.47	.45	.30	.49	.46	.40	2.32	.10	.84	.44	2.32
73	.31	.29	.17	.71	.45	.47	.55	.48	*1.55	*1.01	.37	.31	*1.55
74	.22	.30	.76	.25	.22	.37	.54	.86	1.46	.69	1.07	.35	1.46
75	.73	.16	.39	.35	.80	.27	.22				1.02	.51	
76	.43	.41	.12	.21	.77	.26	1.47	.72	1.78	.72	.81	.70	1.78
77	.42	.53	*.32	.19	.30	.59	.30	.84	.22	*.23	.77	.78	.84
78	.41	.55	.67	.85	.58	.77	.45	.36	.54	.13	.22	1.16	1.16
79	.50	*.99	.41	.34	.60	.41	.64	1.32	.46	.90	.57	.81	1.32
80	.68	.37	.50	.79	.28	.71	.54	.38	.62	1.41	.40	.57	1.41

NOTE * BASED ON LESS THAN FULL MONTHS

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY PHANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-YR

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	.36	.64	*.63	1.52	.54		.58	.28	.69	.73	.55	.66	
82	.30	.40	.40	.20	.64	.64	*.07	.68	.42	.89	.42	1.69	1.69
83	*.45	.41	.23	.90	1.30	.34	.42	.46	.44	.65	.76	.39	1.30
84	.41	.94	.69	.47	.69	.23	.57	.89	1.73	2.41	*.85	.42	2.41
85	.92	.17	*.40	.85	.83	1.29	.98	.47	.17	.21	.34	*2.97	*2.97
86	*.85	.50	.64	.73	.40	.41	*1.67	1.35	.67	1.24	.44	.54	*1.67
87	.70	.24	.47	.32	.34	.79	.78	1.11	.63	2.18	1.03		
MEAN	.479	.390	.449	.460	.551	.548	.739	.688	.722	.766	.641	.561	1.352
S.E.	.181	.170	.233	.309	.342	.281	.466	.314	.485	.619	.310	.308	.473
TOTAL CUS	1092	986	1082	1050	1084	1045	1113	1055	1016	1049	1078	1083	12733

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

TOTAL MONTHLY PRECIPITATION IN INCHES												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
51						*1.01	1.80	2.47	1.71	.31	4.02	1.57
52	2.31	.64	2.45	.54	1.56	1.10	1.30	2.38	3.59	1.34	3.89	2.17
53	.96	1.54	.25	.86	1.54	1.34	2.72	1.53	1.80	1.91	.98	.85
54	1.87	2.09	1.96	.35	.98	1.74	1.44	4.93	1.35	1.50	4.31	2.35
55	2.24	2.06	1.72	.23	2.04	2.88	.15	4.05	1.12	3.34	.42	1.53
56	5.98	2.07	.69	.68	.72	1.69	2.64	3.88	1.79	2.02	.89	1.97
57	*.62											
58	*.36	2.30	1.10	.80	2.54	3.47	1.92	*.58			1.01	4.13
59	1.80	.17	1.24	1.35	.29	.49	1.87	1.89	.07	1.46	2.59	3.75
60	3.73	1.25	1.96	.65	.78	1.91	2.20	2.28	2.56	6.35	3.30	3.33
61	3.05	1.67	.39	1.54	1.45	1.21	.07	1.75	2.87	3.52	1.64	3.28
62	1.87	.78	1.22	.96	1.66	.14	2.70	1.16	1.89	1.23	2.46	1.50
63	.82	.42	2.77	2.72	2.14	1.77	1.23	2.74	1.19	1.78	3.37	.85
64	.43	1.14	3.67	2.64	1.10	3.78	1.39	.93	.31	2.10	1.03	2.02
65	1.85	.63	2.46	3.21	1.24	2.04	4.52	*1.63	5.15	.53	2.70	4.06
66	1.37	2.27	.80	2.83	1.72	2.57	3.53	3.43	.49	3.22	3.12	2.63
67	1.11	1.23	.76	1.95	*2.31	1.17	1.18	2.67	2.19	2.35	2.45	1.11
68	1.16	2.14	1.01	.75	1.81	1.67	2.08	1.98	4.59	1.87	1.17	1.38
69	1.69	1.93	2.54	1.21	4.02	1.68	4.54	2.83	.07	.20	4.80	2.83
70	3.55	2.41	1.67	2.62	.47	.49	1.34	.78	2.47	1.19	5.79	2.50
71	3.27	1.05	1.60	.62	1.01	3.38	3.28	2.08	1.13	2.70	5.20	1.11
72	2.96	1.15	1.76	2.34	1.45	1.61	1.69	.47	4.08	.35	2.50	1.59
73	1.13	1.12	.65	2.79	2.47	1.09	2.23	1.38	*3.23	*2.40	1.46	1.64
74	1.79	2.05	1.44	.44	.65	1.37	2.13	3.22	5.78	4.21	5.35	1.29
75	4.03	.70	2.99	1.73	2.32	.94	1.10				3.30	1.40
76	1.74	1.17	.45	.48	1.43	.40	2.31	1.94	5.70	3.57	3.06	1.64
77	2.75	3.06	*2.17	1.30	1.58	1.31	.42	2.82	.41	*.89	2.91	2.66
78	2.70	1.42	2.71	1.89	1.51	2.66	1.72	1.49	1.21	.44	.92	5.54
79	2.95	*3.51	2.65	1.77	2.75	1.40	1.23	3.44	1.04	1.96	2.33	3.79
80	1.83	2.34	2.62	1.57	.56	3.98	2.37	1.17	1.16	4.69	2.18	3.07

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	2.36	1.83	*3.69	2.82	3.43		1.49	.70	3.24	2.57	1.90	2.65	
82	1.32	.97	1.93	.52	1.74	2.39	*.37	2.12	1.20	5.44	2.50	2.98	*23.47
83	*1.90	1.44	1.48	5.00	3.66	.94	.90	1.09	2.51	1.74	1.86	1.68	*24.20
84	2.89	2.09	2.47	.80	2.84	1.21	2.10	1.30	3.81	4.50	*2.71	2.33	*29.65
85	3.72	.40	*2.04	2.35	2.79	5.13	2.55	3.42	.51	.50	1.99	*5.01	*30.41
86	*3.65	.88	2.79	3.13	2.94	1.00	*3.06	4.01	1.50	3.23	3.02	2.39	*31.64
87	2.05	.73	1.60	1.38	1.88	3.50	3.44	3.15	1.72	9.11	2.19		
MEAN	2.234	1.445	1.756	1.629	1.798	1.867	2.708	2.287	2.128	2.507	2.663	2.340	23.661
S.E.	.979	.705	.883	1.080	.932	1.153	1.026	1.114	1.588	1.856	1.353	1.679	3.958
TOTAL OBS	1092	986	1082	1050	1084	1045	1113	1055	1016	1049	1078	1183	12733

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

AMOUNTS IN INCHES																		
MONTH	NONE	TRACE	0.1	0.5	1.5	2.5	3.5	4.5	6.5	10.5	15.5	25.5	OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
			TO 0.4	TO 1.4	TO 2.4	TO 3.4	TO 4.4	TO 6.4	TO 10.4	TO 15.4	TO 25.4	TO 50.4	50.4	MEAN	GREATEST	LEAST		
JAN	78.0	13.4	2.7	3.2	1.3	.6	.3	.3	.3					8.6	1093	4.1	26.8	.0
FEB	75.5	15.6	3.0	4.0	1.1	.4	.2	.2						8.9	986	2.5	21.4	.0
MAR	86.0	9.6	2.0	1.8	.4	.1	.1							4.3	1082	1.1	0.1	.0
APR	93.0	6.0	.6	.4	.1									1.0	1050	.2	2.9	.0
MAY	99.2	.8													1085	TRACE	TRACE	.0
JUN	99.8	.2													1045	TRACE	TRACE	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1071	.0	.0	.0
SEP	99.9	.1													1016	TRACE	TRACE	.0
OCT	100.0														1049	.0	.0	.0
NOV	95.0	3.6	.4	.5	.3	.2	.1							1.4	1078	.5	7.7	.0
DEC	90.6	5.4	1.2	1.7	.5	.4	.2	.1						4.0	1093	1.5	14.3	.0
ANN	93.1	4.6	.8	1.0	.3	.1	.1	.0	.0					2.3	12754	5.9		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
51						JUN	JUL						
52	.5	2.2	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	2.2
53	5.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	5.4
54	2.7	1.7	2.0	.0	.0	.0	.0	.0	TRACE	.0	.0	.0	2.7
55	3.4	1.3	2.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.4
56	6.0	4.6	.2	.2	.0	.7	.0	.0	.0	.0	.2	2.2	6.0
57	.0												
58	*1.5	2.5	4.0	TRACE	.0	.0	.0	*.0			.0	TRACE	
59	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
60	4.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
61	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2	3.2
62	.4	1.4	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.5	2.5
63	2.1	1.9	TRACE	TRACE	.0	.0	.0	.0	.7	.0	.0	.5	2.1
64	.7	TRACE	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	1.7
65	1.1	2.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	2.0
66	3.1	TRACE	1.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.1
67	.4	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.8	.8
68	1.4	.6	.2	.9	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	2.0
69	TRACE	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.9	2.7	3.9
70	.6	3.6	1.5	.4	.7	.0	.0	.0	.0	.0	.0	2.5	3.6
71	.3	.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	1.6	1.1	1.6
72	1.5	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
73	TRACE	1.3	TRACE	TRACE	.0	.3	.0	.0	*.0	*.0	1.2	1.0	1.3
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7
75	TRACE	.0	1.0	1.9	.0	TRACE	.0				TRACE	TRACE	
76	1.8	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
77	1.8	TRACE	*.9	1.1	.0	.0	.0	.0	.0	*.0	TRACE	.0	1.8
78	TRACE	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.0	4.0	4.0
79	4.0	*5.4	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.7	2.0	*5.4
80	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.5	.2	1.5

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
81	2.1	2.0	0.1	TRACE	TRACE			.0	.0	.0	.0	TRACE	.0
82	2.5	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.0	2.5
83	*TRACE	1.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4
84	3.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0
85	8.1	2.0	0.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	8.1
86	*TRACE	1.5	3.0	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
87	3.1	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ML AN	2.08	1.04	.68	.14	TRACE	TRACE	.00	.00	TRACE	.00	.35	.98	2.03
S. C.	2.302	1.231	1.017	.397	.000	.000	.700	.000	.000	.000	.885	1.391	1.406
TOTAL CBS	1093	986	1082	1050	1085	1045	1116	1071	1016	1049	1078	1183	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/M'C

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035767 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-P7

TOTAL MONTHLY SNOWFALL IN INCHES													
	-M-O-N-T-H-S-												ALL
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
51						*.0	.0	.0	.0	.0	.0	.0	
52	1.5	2.2	2.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	6.2
53	5.8	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
54	7.1	3.2	3.2	.0	.0	.0	.0	.0	TRACE	.0	.0	.0	13.5
55	6.5	4.7	5.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	17.1
56	9.4	21.4	.2	.2	.0	.0	.0	.0	.0	.0	.2	2.2	32.6
57	*.0												
58	*5.0	5.0	6.1	TRACE	.0	.0	.0	*.0			.0	TRACE	
59	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
60	10.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.8
61	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
62	.4	3.6	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.3	8.8
63	3.9	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.5	7.1
64	.7	TRACE	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	3.2
65	2.4	2.0	.7	TRACE	.0	.0	.0	.0	.0	.0	.5	.0	5.6
66	6.2	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.7
67	.9	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	1.2	2.0
68	2.5	.9	.2	1.2	TRACE	.0	.0	.0	.0	.0	TRACE	3.5	8.3
69	TRACE	12.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	7.7	3.7	23.4
70	.9	7.1	3.8	.6	.0	.0	.0	.0	.0	.0	.0	5.8	16.2
71	.3	.2	2.0	TRACE	.0	.0	.0	.0	.0	.0	2.1	1.8	6.4
72	2.6	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.4
73	TRACE	3.0	TRACE	TRACE	.0	.0	.0	.0	*.0	*.0	1.3	1.5	*5.8
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7
75	TRACE	.0	1.6	2.9	.0	TRACE	.0				TRACE	TRACE	
76	7.0	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1
77	3.3	TRACE	*.9	1.5	.0	.0	.0	.0	.0	*.0	TRACE	.0	*5.7
78	TRACE	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.0	4.0	9.3
79	11.3	*6.0	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	2.0	*26.3
80	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.8	.2	2.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-57

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
81	3.0	2.4	*.1	TRACE	TRACE		.0	.0	.0	.0	TRACE	14.3	
82	2.6	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.0	2.6
83	*TRACE	1.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	*1.9
84	7.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	*.0	.0	*7.2
85	26.8	3.0	*.5	TRACE	.0	.0	.0	.0	.0	.0	.2	*TRACE	*36.5
86	*TRACE	3.4	3.1	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	*7.0
87	13.1	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
MEAN	4.10	2.45	1.06	.20	TRACE	TRACE	.00	.00	TRACE	.00	.54	1.49	8.54
S.D.	5.548	4.224	1.683	.579	.000	.000	.000	.000	.000	.000	1.571	2.765	7.737
TOTAL OBS	1093	986	1082	1050	1085	1045	1116	1071	1016	1049	1079	1183	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

MONTH	AMOUNTS IN INCHES													% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACF	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120			MEAN	GREATEST	LEAST
JAN	83.0	5.1	4.1	3.5	2.3	1.6	.4							11.9	1093			
FEB	83.5	9.2	4.7	2.8	1.4	1.2	.1							10.2	987			
MAR	56.5	2.1	.6	.7		.1								1.4	1078			
APR	59.3	.7													1050			
MAY	100.0														1085			
JUN	100.0														1045			
JUL	100.0														1116			
AUG	100.0														1071			
SEP	100.0														1016			
OCT	100.0														1049			
NOV	58.3	1.7	.4	.3										.6	1078			
DEC	53.6	2.4	.8	1.3	.7	.7								3.6	1083			
ANN	55.9	1.7	.9	.7	.4	.3	.0							2.3	12751			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-97

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51						*0	0	0	0	0	0	0	2
52	1	2	2	TRACE	0	0	0	0	0	0	0	TRACE	3
53	3	2	0	0	0	0	0	0	0	0	0	0	3
54	2	3	1	0	0	0	0	0	0	0	0	0	2
55	2	2	2	0	0	0	0	0	0	0	0	0	6
56	3	6	0	0	0	0	0	0	0	0	TRACE	2	
57	*0												
58	*4	2	4	TRACE	0	0	0	*0			0	0	1
59	1	0	0	0	0	0	0	0	0	0	0	0	5
60	5	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	5
62	3	1	TRACE	0	0	0	0	0	0	0	0	5	5
63	5	3	TRACE	0	0	0	0	0	0	0	0	TRACE	5
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	*0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	1	TRACE	0	TRACE	0	0	0	0	0	0	0	2	2
69	1	3	0	0	0	0	0	0	0	0	0	2	3
70	0	4	2	0	0	0	0	0	0	0	0	5	5
71	1	*0	*3	0	0	0	0	0	0	0	TRACE	TRACE	*1
72	4	2	0	0	0	0	0	0	0	0	0	0	4
73	0	1	0	0	0	0	0	0	*0	*0	1	2	2
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	0	0	TRACE	TRACE	0	0	0	0	0	0	0	0	0
76	1	0	0	0	0	0	0	0	0	0	0	0	1
77	2	0	*TRACE	0	0	0	0	0	0	*0	0	0	2
78	2	2	TRACE	TRACE	0	0	0	0	0	0	2	2	2
79	4	*7	TRACE	0	0	0	0	0	0	0	0	TRACE	*7
80	TRACE	0	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	TRACE

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	3	2	*0	0	0	0	0	0	0	0	0	5	
82	2	0	0	0	0	0	0	0	0	0	0	0	2
83	*0	1	0	0	0	0	0	0	0	0	0	0	1
84	3	0	0	0	0	0	0	0	0	0	*0	0	3
85	6	3	*1	0	0	0	0	0	0	0	TRACE	*TRACE	6
86	*0	2	2	0	0	0	0	0	0	0	0	0	2
87	8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	
MEAN	1.9	1.2	.4	TRACE	.0	.0	.0	.0	.0	.0	.1	.7	2.2
S.E.	2.069	1.501	.958	.000	.000	.000	.000	.000	.000	.000	.499	1.124	1.959
TOTAL (BS)	1093	987	1078	1050	1085	1045	1116	1071	1016	1049	1078	1183	12751

NOTE * (BASED ON LESS THAN FULL MONTHS)

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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.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

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 IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 2-FOUR 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 VISIBILITY IS 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 "<" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 58-87

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
58													
59	SW 45	W 30	SSW 40	SW 36	ENE 31	SW 33	SSW 32	SSW 26	ENE 27	W 44	E 26	WNW 55	SW 45
60	WNW 39	S 35	WNW 40	SSW 37	E 33	SSW 35	SSW 34	WNW 26	NW 32	WNW 27	WSW 42	WSW 44	WSW 44
61	S 38	WSW 47	WNW 31	SSW 27	SW 34	S 25	WNW 32	SW 40	SSW 28	WNW 34	NE 43	SW 43	WSW 47
62	SSW 49	W 44	SE 34	W 37	WSW 31	SSW 29	SW 30	SW 33	S 35	SSW 30	S 28	NNW 50	NNW 50
63	E 46	ENE 26	W 34	ENE 32	W 31	E 29	SSW 28	NW 31	SSW 35	SW 29	WSW 42	S 28	E 46
64	WNW 28	W 28	ESE 31	S 35	WSW 34	SSW 36	SW 30	SSW 32	W 37	SW 33	W 37	SW 39	SW 39
65	W 44	WNW 44	W 30	WNW 40	WNW 37	W 37	WSW 32	W 30	SW 44	W 34	WSW 49	W 47	WSW 49
66	SW 37	SW 39	W 54	SSW 29	W 41	WSW 29	W 27	SW 31	WNW 29	S 30	NW 41	W 41	W 54
67	S 27	W 49	SW 39	NE 34	S 32	WSW 23	NW 20	S 28	S 39	SW 48	S 38	WSW 37	W 49
68	WSW 45	S 39	N 40	WSW 31	W 36	NNE 34	SW 45	22/ 32	25/ 37	23/ 32	36/ 33	19/ 35	WSW 45
69	18/ 44	7/ 37	26/ 35	28/ 43	27/ 28	19/ 27	35/ 30	34/ 27	25/ 29	29/ 26	25/ 40	7/ 37	18/ 44
70	13/ 30	28/ 49	28/ 37	33/ 35	30/ 34	27/ 33	35/ 36	24/ 36	24/ 37	29/ 35	26/ 51	11/ 39	26/ 51
71	27/ 40	20/ 40	7/ 32	27/ 27	17/ 22	24/ 28	25/ 26	24/ 29	25/ 30	21/ 35	33/ 40	22/ 36	27/ 40
72	31/ 43	18/ 31	27/ 43	20/ 35	25/ 40	20/ 28	7/ 25	21/ 32	18/ 28	33/ 27	28/ 45	19/ 40	28/ 45
73	18/ 30	29/ 33	31/ 26	25/ 56	29/ 36	5/ 25	35/ 26	26/ 41	17/ 37	29/ 38	30/ 38	35/ 48	25/ 56
74	29/ 49	25/ 51	27/ 30	6/ 30	19/ 27	28/ 32	29/ 33	29/ 33	22/ 49	20/ 36	29/ 46	29/ 60	29/ 60
75	25/ 53	28/ 25	7/ 35	27/ 33	4/ 37	22/ 31	24/ 31				19/ 40	19/ 47	
76	27/ 63	30/ 43	25/ 34	4/ 28	27/ 38	6/ 24	7/ 26	8/ 25	18/ 35	16/ 43	19/ 39	18/ 43	27/ 63
77	22/ 51	19/ 40	1/ 50	26/ 43	4/ 35	21/ 33	24/ 29	20/ 32	24/ 38	25/ 43	26/ 50	24/ 60	24/ 60
78	1/ 54	7/ 37	28/ 41	4/ 30	35/ 32	4/ 30	19/ 29	22/ 36	27/ 44	35/ 34	21/ 37	4/ 42	1/ 54
79	18/ 40	3/ 42	22/ 42	20/ 35	23/ 42	23/ 26	27/ 25	23/ 38	25/ 28	14/ 25	26/ 34	22/ 53	22/ 53
80	17/ 43	21/ 27	25/ 36	28/ 36	5/ 29	19/ 34	26/ 33	27/ 30	27/ 37	22/ 41	36/ 48	35/ 39	36/ 48
81	28/ 46	27/ 46	19/ 42	3/ 38	20/ 35		27/ 26	36/ 23	17/ 44	25/ 42	28/ 40	15/ 50	
82	7/ 31	19/ 32	20/ 38	22/ 32	25/ 42	22/ 29	25/ 33	23/ 30	20/ 39	17/ 30	20/ 37	25/ 49	25/ 49
83	25/ 46	26/ 56	20/ 42	34/ 34	36/ 30	4/ 27	7/ 25	33/ 24	21/ 37	21/ 40	27/ 48	20/ 35	26/ 56
84	26/ 50	32/ 42	34/ 48	4/ 26	4/ 32	29/ 31	21/ 30	25/ 23	26/ 46	21/ 34	19/ 32	30/ 33	26/ 50
85	1/ 34	9/ 32	22/ 27	31/ 34	21/ 31	28/ 30	27/ 31	20/ 32	25/ 28	19/ 30	29/ 40	17/ 31	29/ 40
86	29/ 38	5/ 31	27/ 63	56/ 58	21/ 37	27/ 29	24/ 23	27/ 32	1/ 34	31/ 41	32/ 44	27/ 44	23/ 63
87	6/ 39	24/ 32	22/ 48	28/ 32	35/ 35	22/ 28	37/ 27	31/ 44	25/ 39	24/ 75	25/ 38		
.....													
MEAN	47.11	34.21	38.71	34.51	33.91	29.81	27.11	31.31	35.71	36.21	40.91	43.31	50.4
MAX	84.55	94.16	83.98	68.88	66.56	36.65	48.10	52.91	63.34	94.97	53.54	74.94	74.97
TOTAL GDS	5921	4121	4901	4671	4901	4341	4931	4661	4201	4591	4621	4881	10342
.....													

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS: 1511: 0000-0200

DIRECTION (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	1.4	1.5	1.3	.7			.3					5.2	7.7
NNE	.3	.4	.9	.4								2.1	7.8
NE	.5	.8	.7	.4								2.4	6.5
ENE	1.0	.3	.9	1.1	.7							3.9	9.8
E		.8	.8	.3	.3							2.2	9.1
ESE	.1	.2	.3	.5								1.2	9.5
SE	.1	1.1	.5	.3	.1							2.2	7.7
SSE	.1	.4	.4	.7	.1							1.7	10.4
S	.9	1.8	2.1	2.0	.2	.2						7.2	9.0
SSW	.5	1.6	2.3	1.8	.4	.2						6.9	9.6
SW	.5	2.2	3.7	3.6	.8							17.7	9.9
WSW	1.1	2.8	2.8	2.7	.9	.1						17.4	9.2
W	1.0	3.9	3.7	3.7	1.6	.1						14.0	9.7
WNW	1.1	2.5	1.8	2.2	.2							7.8	8.1
NW	1.5	1.1	2.1	1.4								6.1	7.3
NNW	1.2	2.0	1.2	.3								4.7	5.9
VARIABLE			.1	.5	.1							.9	14.1
CALM	////////////////////											13.7	////
TOTALS	11.4	23.4	25.5	22.6	5.4	.7	.3					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(157): 0300-0500

DIRECTION (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	1.6	2.1	.5	.5								4.8	5.6
NNE	.9	.6	.9	.4		.1	.1					3.0	8.0
NE	.5	.5	1.1	.1								2.3	6.6
ENE	.1	1.0	.8	1.1	.6							3.6	11.0
E	.2	1.0	.4	.4	.4							2.5	9.1
ESE	.2	.6	.3	.8								1.9	8.2
SE	.9	.8	.3	.3	.1	.1						2.5	7.2
SSE	.5	.4	.4	.6	.2							2.3	8.9
S	.8	1.0	1.4	1.8	.5	.4						5.9	10.9
SSW	.8	1.7	1.6	2.1	.9	.1						7.1	10.1
SW	1.0	1.6	2.7	2.9	.6							8.9	9.6
WSW	.8	2.4	5.0	2.7	.5							11.4	9.0
W	1.3	2.9	3.6	3.9	1.1							12.8	9.5
WNW	2.2	2.5	2.7	1.7	.1	.1						9.3	7.4
NW	1.1	1.9	1.5	1.6	.2							6.4	7.9
NNW	1.0	1.1	1.6		.1							3.8	6.3
VARIABLE				.1		.1						.2	19.5
CALM	////////////////////											11.5	////
TOTALS	13.7	22.2	24.9	21.2	5.5	1.0	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.2	2.0	.4	.4					4.1	5.3
NNE	.5	.4	1.1	.1	.1				2.3	7.0
NE	.3	.3	1.5						2.2	7.3
ENE	.4	1.3	.4	1.2	.5				3.9	9.2
E	.4	.8	.9	.9	.2				3.1	9.2
ESE	1.0	.1		.2					1.3	3.9
SE	.3	.2	.3	.4		.1			1.4	9.0
SSE	.4	1.3	1.0	.5	.4	.3			4.0	9.9
S	1.4	1.3	1.6	1.3	.5	.2	.2		6.6	9.8
SSW	.3	1.0	2.9	2.4	.1	.1	.1		6.9	9.9
SW	.5	1.3	2.9	1.8	.8	.1	.1		7.6	10.3
WSW	1.2	3.0	3.6	3.6	1.5		.3		13.2	10.1
W	1.6	2.5	4.2	3.5	.5				12.3	8.9
WNW	2.3	1.8	2.0	1.9					8.1	7.1
NW	1.7	2.8	1.9	1.7	.1				8.3	7.1
NNW	1.5	1.0	1.2	.4					4.1	6.2
VARIABLE			.2	.1	.1	.1			.5	14.4
CALM	////////////////////////////////////								17.2	////
TOTALS	15.2	21.1	26.2	20.5	5.0	1.0	.8		100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	2.7	2.3	1.3	.4								6.0	5.1
NNE	.3	.2	.2	.3								1.1	6.8
NE	.3	.4	.9	.5								2.2	7.9
ENE		1.0	1.1	1.2	.5							3.8	10.9
E	.4	.6	1.4	.6	.3							3.5	9.3
ESE	.4	.9	.4	.4								2.2	7.0
SE	.9	.5	.5	.2	.2							2.4	6.5
SSE	.3	1.0	1.6	.4	.2	.2	.1					3.9	9.6
S	.5	1.3	2.2	1.5	1.0	.3						6.8	10.6
SSW	.3	1.3	2.3	2.0	.6	.1						6.7	10.3
SW	.5	1.6	2.4	2.2	.2	.1	.1					7.1	9.6
WSW	1.3	2.3	4.3	3.5	1.3		.1	.1				12.8	10.2
W	.6	2.7	3.8	5.9	1.1	.4	.1	.1				14.8	11.1
WNW	1.5	1.7	2.4	1.7	.4	.1	.1					9.0	8.5
NW	.8	2.4	2.6	1.8								7.6	7.8
NNW	1.2	1.9	1.4	.6								4.9	6.2
VARIABLE				.4	.2							.6	15.7
CALM	////////////////////////////////////											5.8	////
TOTALS	11.3	22.0	26.7	23.9	6.1	1.3	.5	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035962 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (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	.8	2.5	1.7	1.3	.1							6.4	7.6
NNE	.5	.5	.8	.5								2.4	7.3
NE	.1	.5	.8	.1	.2							1.7	8.4
ENE	.5	.4	1.2	1.5	.1							3.8	9.8
E	.4	1.3	.4	.9	.5	.1						3.7	9.4
ESE	.2	.5	1.1	.4								2.3	8.2
SE	.6	.8	.6	1.0								3.0	7.8
SSE	.4	1.2	1.9	.9								4.4	8.1
S	.3	1.6	2.0	1.1	1.1	.3						6.5	10.7
SSW	.2	.9	2.7	2.9	.8		.1					7.6	11.0
SW		2.4	2.6	1.7	.4	.2						7.3	9.9
WSW	.3	1.3	2.5	2.4	.9	.1						7.4	10.4
W	.4	2.3	5.3	5.9	2.5	1.0						17.4	11.9
WNW	.5	1.1	2.8	1.9	.5	.3						7.2	10.3
NW	1.7	1.5	2.2	3.0	.4							8.8	8.9
NNW	.9	2.8	1.4	.9								5.8	6.6
VARIABLE			.6	.3		.3	.1					1.4	14.8
CALM	////////////////////											2.9	////
TOTALS	8.0	21.6	30.6	26.8	7.6	2.4	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-87
MONTH: JAN HOURS(IST): 1500-1700

DIRECTION (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	2.3	2.6	1.3	1.3	.2							7.7	6.5
NNE	.6	1.0	.9	1.1								3.6	8.0
NE	.2	.4	.4	.4	.2							1.7	9.2
ENE	.8	.3	.9	1.1		.1						1.1	8.7
E	.5	1.4	.4	.6	.4							3.5	8.6
ESE	.3	.6	.5	.6	.3							2.5	9.0
SE	.4	1.2	.3	.1								2.7	5.4
SSE	.6	1.3	1.3	.3								3.6	6.4
S	1.2	1.7	2.3	1.7	.5	.3						7.8	9.4
SSW	.8	1.4	1.7	2.6	.9	.3						7.7	10.8
SW	.9	1.9	2.7	2.7	.1							7.7	8.2
WSW	.2	2.8	2.0	2.0	1.0							8.1	9.3
W	1.1	2.6	5.0	5.2	.8	.5						15.1	10.1
WNW	.8	1.5	2.6	1.9	.3		.1					7.2	9.6
NW	1.0	1.7	2.0	1.3	.5							5.8	8.9
NNW	1.2	2.7	.9	.9	.2							5.8	6.6
VARIABLE			.1	.3	.3	.1						.9	16.8
CALM	////////////////////											6.4	////
TOTALS	12.8	24.5	25.4	27.6	5.8	1.4	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1800-2400

DIRECTION (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	1.2	2.8	1.0	.9	.3						6.1	6.5
NNE	.5	.1	.6	1.0		.1					2.4	9.8
NE	.3	.5	.4	.3	.2						1.8	8.1
ENE	.7	1.0	.9	.4	.4						3.7	9.3
E	.3	.9	.2	1.1	.3	.1					2.9	10.6
ESE	.3	.4	.4	.4							1.6	8.1
SE	.2	1.3	.8	.1							2.4	6.2
SSE	.4	1.5	1.0	.8							3.7	7.0
S	1.0	1.5	1.1	1.7	.3	.2					5.8	9.4
SSW	1.6	1.5	2.2	2.7	.1	.1					8.2	8.8
SW	1.2	2.6	3.3	2.7	.2	.3					10.4	8.7
WSW	.5	2.0	2.7	1.8	1.0	.4					9.5	10.2
W	1.4	2.9	4.4	3.6	1.4	.3					14.0	10.0
WNW	.8	1.2	1.8	2.3	.3						6.4	9.5
NW	1.4	2.0	1.9	1.2	.3						6.9	7.4
NNW	2.2	2.4	.9	1.0							6.4	5.5
VARIABLE	.1	.1	.4	.3		.1					1.1	10.4
CALM	////////////////////										8.4	////
TOTALS	13.8	24.8	24.1	22.2	5.0	1.7					109.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 75-87
MONTH: JAN HOURS(IST): 2100-2300

DIRECTION (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	1.6	1.8	1.4	.9	.3		.2					6.3	7.8
NNE	.4	1.0	1.0	.9			.1					3.3	8.5
NE	.2	.8	.1	.4	.1							1.6	8.2
ENE		1.1	.3	.6	.4	.3						2.8	11.5
E	.2	1.4	.5	1.2	.1							3.5	9.0
ESE	.4	.4	.6	.3								1.8	7.2
SE	.1	.5	.8	.3								1.7	8.3
SSE	.6	1.0	.6	.5	.2							3.0	7.4
S	.6	1.0	2.4	1.7	.3	.1						6.1	9.4
SSW	.6	1.3	2.5	1.7	.2	.1						6.5	9.0
SW	.3	2.2	3.8	3.9	.3	.2	.1					10.8	10.2
WSW	1.3	3.0	2.5	2.5	.6	.8						10.7	9.5
W	1.0	1.9	5.2	4.2	1.1	.1						13.5	10.0
WNW	1.1	1.4	1.7	2.8	.2							7.2	9.0
NW	2.2	3.1	1.8	1.1	.1							8.3	6.1
NNW	1.1	1.0	.9	.6								3.6	6.4
VARIABLE			.1	.2		.1						.4	14.5
CALM	////////////////////////////////////											8.8	////
TOTALS	11.9	22.9	26.2	23.9	4.1	1.7	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.5	2.2	1.1	.8	.1		.1				5.8	6.6
NNE	.5	.5	.8	.6	.0	.0	.0				2.5	8.0
NE	.3	.5	.7	.3	.1						2.0	7.7
ENE	.4	.8	.8	1.0	.4	.1					3.5	10.0
E	.3	1.0	.6	.8	.3	.0					3.1	9.3
ESE	.4	.5	.5	.5	.0						1.9	7.8
SE	.4	.8	.5	.4	.1	.0					2.2	7.2
SSE	.4	1.0	1.0	.6	.1	.1	.0				3.3	9.3
S	.8	1.4	1.9	1.6	.6	.3	.0				6.6	9.9
SSW	.6	1.3	2.3	2.3	.5	.1	.0				7.2	9.9
SW	.6	2.0	3.0	2.6	.4	.1	.0				4.8	9.6
WSW	.8	2.5	3.2	2.6	1.0	.2	.1	.7			10.3	9.7
W	1.1	2.7	4.4	4.5	1.3	.3	.0	.0			14.2	10.3
WNW	1.3	1.7	2.2	2.1	.3	.1	.0				7.7	8.6
NW	1.4	2.0	2.0	1.6	.2						7.3	7.7
NNW	1.2	1.8	1.2	.6	.0						4.9	6.2
VARIABLE	.7	.0	.2	.3	.1	.1	.0				.7	14.4
CALM	////////////////////////////////////										8.1	////
TOTALS	12.3	22.8	26.4	23.1	5.6	1.4	.3	.7			107.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 7410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0000-0200

DIRECTION (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	1.7	2.0	1.2	.1								5.0	4.9
NNE	.7	1.5	1.5	1.4	.4							5.6	8.7
NE	.7	1.9	2.4	.7								5.7	7.1
NNE	.2	1.8	2.6	3.2	.5							8.3	9.9
E	1.1	2.3	1.9	1.9	.7							7.9	8.5
ESE	.4	1.2	.7	.5								2.7	6.9
SE	1.1	1.5	1.5	.6	.1							4.9	6.8
SSE	.6	.7	1.9	.6								3.8	7.8
S	.5	1.3	1.4	1.3	.1							4.6	8.6
SSW	.6	1.4	1.9	1.8	.4							6.1	9.2
SW	1.3	1.7	2.1	.6		.4						6.1	7.5
WSW	.2	2.1	1.2	.7	.4							4.6	8.3
W	.8	1.8	3.3	1.0	.1	.1						7.1	8.0
WNW	.6	1.4	.7	.5								3.2	6.4
NW	1.8	1.4	.6	.4								4.2	5.2
NNW	1.2	1.7	.8	.1	.2							4.0	5.8
VARIABLE			.5	.4								.8	11.4
CALM	////////////////////											15.2	////
TOTALS	13.5	25.8	26.4	15.7	2.9	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENIWATERS UNITED KINGDOM

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

DIRECTION (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	2.1	2.3	1.4	.4							6.2	5.1
NNE	.1	1.1	1.5	1.3	.6	.1					4.8	10.4
NE	.6	1.5	3.0	.4							5.5	6.5
ENE	.6	1.9	3.0	2.7	1.0						9.0	9.7
E	.6	1.4	2.7	1.4	.8						7.7	9.6
ESE	.7	.6	1.1	.1	.1						2.6	6.8
SE	.8	.8	1.4	.7							3.8	7.2
SSE	.4	1.1	1.4	.1							3.0	6.8
S	1.1	1.3	2.0	1.2	.2						5.8	7.9
SSW	.9	1.7	2.3	1.0	.1						5.9	7.8
SW	.8	1.3	2.1	.7	.1	.1					5.2	7.8
WSW	1.1	1.4	1.5	1.2	.2	.2					5.7	8.5
W	1.0	1.8	3.0	1.0	.1	.1					6.9	7.9
WNW	.2	1.2	1.4	.8							3.7	8.7
NW	1.4	2.0	1.1	.6							5.1	5.9
NNW	1.4	1.5	.2								3.2	3.9
VARIABLE		.1	.2	.7							1.1	10.7
CALM	////////////////////										15.5	////
TOTALS	13.8	23.7	29.5	14.3	3.3	.6					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0600-0600

DIRECTION (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	1.4	2.4	2.5	.2								6.5	5.7
NNE	.9	1.2	1.3	.8	.4							4.6	7.7
NE	.7	.9	3.0	1.1	.1							5.8	8.3
ENE	.6	1.9	3.0	2.7	.7							8.9	9.7
E	.9	2.0	2.3	2.7	.5	.2						8.7	9.4
ESE	.5	.6	1.5	.8								3.4	8.1
SE	.5	.5	1.3	.6								2.8	6.1
SSE	.5	.7	2.6	.4								4.2	7.6
S	1.7	1.1	1.2	1.7	.5	.1						6.2	8.7
SSW	.9	.8	1.3	1.2	.1							4.4	7.8
SW	1.3	1.7	1.8	.7								5.5	6.6
WSW	.1	1.8	1.3	1.1	.4							4.6	8.8
W	1.1	1.4	2.3	1.4		.2						6.4	8.3
WNW	.8	1.2	2.1	.4	.4							4.9	7.8
NW	1.2	.9	1.2	.6								3.9	6.2
NNW	2.0	.6	.4	.2								3.2	4.1
VARIABLE			.1	.6	.2							.9	14.0
CALM	////////////////////////////////////											15.1	////
TOTALS	15.2	19.7	29.1	17.2	3.2	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (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	1.7	1.2	3.0	.4							5.8	6.7
NNE	.4	1.7	4.0	.7	.4						7.1	8.3
NE	1.7	.6	2.3	1.3	.1						5.2	8.8
ENE	.1	1.4	2.9	3.1	.7	.6					8.8	11.5
E	.4	1.8	3.0	2.9	.2	.6					8.8	10.9
ESE	.8	.8	3.1	1.0	.1						5.8	8.3
SE	.2	1.4	1.0	1.2	.1						3.9	8.6
SSE	.4	.7	1.5	1.1							3.7	8.2
S	.5	1.7	3.0	2.7							7.8	9.3
SSW	.1	.8	1.7	1.3	.2						4.2	9.5
SW	.6	1.1	2.0	1.5							5.2	8.2
WSW	.4	1.0	1.5	1.3	.2						4.4	9.3
W	.7	2.3	2.3	1.8		.4					7.4	8.9
WNW	.8	1.1	1.2	1.2	.1						4.4	7.7
NW	.6	1.0	1.3	.6		.1					3.6	8.1
NNW	1.2	1.7	1.7		.2						4.9	6.3
VARIABLE			.4		.2	.1					.7	14.2
CALM	////////////////////////////////////										8.4	////
TOTALS	9.4	20.1	35.6	22.0	2.7	1.8					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (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	.7	1.7	2.3	1.9							6.5	8.3
NNE	1.2	1.9	3.4	1.1	.2						7.8	8.0
NE	.1	1.3	3.3	1.9	.2						6.9	9.7
ENE	.2	.8	3.8	3.3	.7	.5					9.4	11.2
E	.6	1.2	3.0	2.7	.4	.5					8.3	10.8
ESE	.4	1.2	2.5	.8	.1						5.0	8.3
SE	1.0	1.0	1.4	1.2							4.5	7.9
SSE	.7	1.1	2.4	1.1	.2						5.5	8.4
S	.2	2.1	3.0	3.0							8.3	9.5
SSW	.1	1.7	1.7	2.1	.1						5.7	9.3
SW	.4	.7	1.3	.8	.1						3.3	8.9
WSW	.2	.5	1.1	1.0							2.7	9.1
W	.6	1.4	2.3	3.8	.8	.2	.1				9.3	11.7
WNW	.5	1.0	1.2	1.2							3.8	8.8
NW	1.3	1.4	1.5	.5							4.8	6.1
NNW	.4	1.3	.7	.4	.4						3.1	7.8
VARIABLE			1.5	1.0		.1					2.6	10.8
CALM	////////////////////										7.5	////
TOTALS	8.6	20.7	36.3	27.7	3.3	1.1	.2	.1			100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035961 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(EST): 1500-1700

DIRECTION (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	1.1	2.1	1.8	1.0							6.7	7.0
NNE	.7	2.5	3.2	.5	.2						7.1	7.4
NE	.7	1.5	3.9	2.3	.1						8.6	8.8
ENE	1.0	2.0	5.0	2.6	1.1	.4					12.7	9.7
E	1.0	1.9	2.1	1.9	.4	.1					7.4	8.8
ESE	.6	1.5	1.9	1.3							5.4	8.2
SE	.7	1.0	1.2	.4							3.2	6.5
SSE	1.2	1.9	2.6	.6							6.3	6.5
S	1.0	1.7	4.8	2.9	.2						10.5	8.9
SSW	.6	.7	1.7	1.7							4.6	9.0
SW	.7	1.1	1.7	1.1							4.0	8.7
WSW	.2	1.0	.6	.7							2.5	7.6
W	1.4	1.8	2.4	1.5	.6	.1	.1				8.7	9.0
WNW	.5	1.3	.7	1.4							3.9	8.1
NW	.6	.6	1.3	.5							3.7	7.0
NNW	.8	1.0	.8	.4	.2						3.2	6.6
VARIABLE		.1	.1	.2		.1					.6	12.6
CALM	////////////////////										3.7	////
TOTALS	12.3	23.7	35.8	27.8	2.9	.7	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(1ST): 1800-2000

DIRECTION (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	1.7	2.6	1.8	.7							6.8	6.0
NNE	.8	1.8	2.4	.7	.5						6.2	7.8
NE	1.2	2.7	3.3	1.3	.1						8.7	7.2
ENE	.6	1.2	2.7	2.9	1.2						8.6	10.5
E	1.3	1.5	2.4	1.8	.5	.1					7.6	8.6
ESE	.8	.8	1.0	1.3	.1						4.0	9.1
SE	1.0	1.0	.8	.7							3.5	6.1
SSE	.6	1.3	1.7	.8							4.4	7.7
S	1.0	2.0	3.6	1.6	.2						8.6	8.3
SSW	.8	1.1	2.3	2.3							6.4	9.0
SW	.8	.6	1.0	1.1							3.5	7.6
WSW	.6	.6	1.1	.5							2.7	7.1
W	1.4	1.4	1.7	1.9	.2						7.0	7.7
WNW	.7	1.8	1.0	.8	.1						4.4	7.2
NW	.7	1.1	.6	.7							2.6	5.9
NNW	.6	1.1		.1							1.8	4.1
VARIABLE			.4		.1						.5	12.0
CALM	////////////////////////////////////										17.7	////
TOTALS	14.6	22.7	27.5	14.9	3.1	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035962 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	2.6	2.3	1.2	.2	.1			6.4	5.2
NNE	.8	1.4	1.3	.7	.7			5.0	6.6
NE	.7	2.4	2.5	.8	.5			6.9	7.7
ENE	.2	2.5	3.1	3.3	.8			10.0	9.9
E	.7	1.9	2.0	1.4	.7			6.8	8.7
ESE	.6	1.4	1.2	1.4				4.6	6.5
SE	.8	1.1	1.7	.8				4.4	7.1
SSE	.7	.8	1.8	.1				3.5	6.8
S	.5	1.1	2.1	2.4	.2	.1		6.4	9.9
SSW	.4	1.5	1.9	2.1	.4			5.3	9.4
SW	.6	1.4	1.7	1.0				4.6	7.5
WSW	.7	1.3	1.2	1.0				4.2	7.5
W	1.1	1.3	3.2	1.7	.1			7.4	8.1
WNW	.7	.8	.7	.6				2.9	6.6
NW	.4	1.4	1.0					2.7	6.0
NNW	1.1	1.2		.5				2.7	5.7
VARIABLE			.2					.2	9.5
CALM	////////////////////////////////////							14.9	////
TOTALS	12.6	23.5	26.8	15.1	3.6	.1		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.6	2.1	1.9	.6	.0							6.2	6.1
NNE	.7	1.6	2.3	.9	.4	.3						6.7	8.3
NE	.7	1.6	3.0	1.2	.1							6.7	8.1
ENE	.4	1.7	3.3	3.0	.8	.2						9.4	10.2
E	.8	1.4	2.4	2.1	.5	.2						7.8	9.5
ESE	.6	1.0	1.6	.9	.1							4.2	8.0
SE	.8	1.0	1.3	.8	.3							3.9	7.3
SSE	.6	1.0	2.0	.6	.0							4.3	7.5
S	.8	1.5	2.6	2.1	.2	.3						7.3	8.9
SSW	.6	1.2	1.8	1.7	.2							5.4	8.9
SW	.8	1.2	1.7	.9	.0	.1						4.7	7.8
WSW	.4	1.2	1.2	.9	.1	.3						3.9	8.4
W	1.0	1.7	2.5	1.8	.3	.1	.0	.0				7.4	8.8
WNW	.6	1.2	1.1	.9	.1							3.9	7.6
NW	1.0	1.2	1.1	.4		.3						3.7	6.2
NNW	1.1	1.2	.6	.2	.1							3.3	5.7
VARIABLE		.7	.4	.4	.1	.7						.9	11.8
CALM	////////////////////											11.0	////
TOTALS	12.5	22.4	30.9	19.3	3.1	.7	.0	.7				103.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 6727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(151): 0000-0000

DIRECTION (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	1.8	1.4	1.4	.2							4.9	5.3
NNE	.4	1.0	.8	.5							2.7	7.0
NE	.4	1.1	.8	.2							2.5	6.2
NNE	.6	.4		.5	.1						1.7	8.1
E	.5	.6	.3	.1							1.6	5.4
ESE	.5	.8	.4	.1							1.9	5.2
SE	.9	1.3	1.2	.5	.2						4.1	7.3
SSE	1.0	.9	1.1	.4							3.3	6.3
S	1.1	2.6	1.8	1.7	.3						7.6	6.2
SSW	1.8	2.3	3.3	2.9	1.3	.1					11.8	9.3
SW	.5	2.4	2.6	1.9	.1						7.6	6.4
WSW	1.0	2.9	4.3	1.3	.5	.4					17.5	6.6
W	1.5	3.5	3.9	1.5	.6						11.0	7.6
WNW	1.7	2.1	.5	.4	.1						4.9	5.4
NW	1.3	1.6	.5	.2	.4	.1					4.2	6.7
NNW	.2	1.0	.5	.1			.1	.1			2.1	8.8
VARIABLE	.1		.6	.4	.2						1.5	11.0
CALM	////////////////////////////////////										16.3	////
TOTALS	15.6	25.7	24.3	13.3	4.0	.6	.1	.1			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(IST): 0300-0500

DIRECTION (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	1.3	1.3	1.3	.3		.2					4.4	6.4
NNE	.9	1.1	.9	.5							3.3	6.5
NE	.4	.6	1.3	.5							2.9	7.4
ENE	.4	.3	.2	.5	.1						1.6	8.5
E	.5	.3	.3								1.2	4.5
ESE	.4	.9	1.3	.2							2.6	6.5
SE	.3	1.0	.6	.3							2.3	6.3
SSE	1.5	1.3	1.4	.8							5.0	6.5
S	.6	2.5	2.4	1.5	.5						7.6	8.6
SSW	1.0	1.1	3.9	2.5	1.2	.2					9.8	10.3
SW	1.2	2.3	3.0	1.8	.3						8.6	8.0
WSW	1.3	3.1	3.8	2.1	.5	.4					11.2	8.6
W	2.8	4.9	4.5	1.0	.4						13.6	6.8
WNW	1.0	1.6	.6								3.2	4.6
NW	1.0	1.8	.5	.4	.2						4.0	6.3
NNW	1.4	.6	.8	.1			.1				3.0	5.7
VARIABLE			.4	.1							.5	10.4
CALM	////////////////////////////////////										14.8	////
TOTALS	16.1	24.7	27.3	12.7	3.3	.9	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0600

DIRECTION (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	1.2	1.8	1.4	.3	.3						5.1	6.6
NNE	.3	1.2	1.5	.3							3.4	7.3
NE	.5	.4	.8	.8							2.5	8.0
ENE	.9	.6	.5	.4	.2						2.7	7.2
E	.3	.5	1.2	.1							2.2	6.5
ESE	.2	.6	.9	.1							1.6	7.1
SE	.3	1.2	.9	.5	.2						3.1	7.8
SSE	1.7	2.1	1.1	.5	.2						5.6	6.1
S	1.1	2.2	2.4	2.4	.5	.3					8.9	9.4
SSW	.5	1.4	3.6	3.1	.3	.4					9.4	10.6
SW	1.3	2.4	3.5	2.6	.3	.1					10.2	8.7
WSW	1.6	3.1	1.7	1.5	1.1	.1					9.2	8.5
W	1.9	4.5	4.1	1.9	.2						12.8	7.3
WNW	1.1	1.6	1.2	.6							4.5	6.1
NW	1.2	2.1	1.3	.2							4.8	5.7
NNW	.9	.9	.8	.1							2.5	5.3
VARIABLE			.2	.4	.1						.8	12.9
CALM	////////////////////////////////////										10.7	////
TOTALS	15.0	26.7	26.9	16.1	3.6	1.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR FGURS(157): 0900-1.00

DIRECTION (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	.4	1.8	1.6	.5	.2	.2					4.9	8.4
NNE	.5	1.2	2.1	.2							4.0	7.1
NE	.2	.4	1.8	1.7							4.2	9.5
ENE	.1	.9	1.1	.9							2.9	8.5
E	.1	.3	1.7	.8							2.9	8.8
ESE	.2	.8	.8	.3	.1						2.2	8.0
SE	.8	1.2	.5	.3	.1						2.9	6.2
SSE	.3	1.4	2.3	1.4	.2	.1					5.7	9.3
S	.4	2.3	2.9	4.1	.9	.4					11.0	10.7
SSW	.4	.5	3.0	4.1	.8	.4	.1				9.4	11.6
SW	.2	1.1	2.7	3.2	.9	.2	.1				8.4	11.7
WSW	.4	1.9	1.8	2.7	.9	.2					8.0	10.5
W	.5	2.9	3.6	5.1	.5	.3					13.3	10.3
WNW	1.0	1.5	1.6	1.3	.1						5.5	8.0
NW	.8	.6	2.6	.9	.1						5.0	7.8
NNW	.9	1.8	2.3	.5	.1						5.6	7.3
VARIABLE			.9	.6		.1					1.6	12.2
CALM	////////////////////										2.6	////
TOTALS	7.4	20.8	33.3	28.8	4.9	2.1	.2				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

DIRECTION (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	1.0	2.7	.6	.3	.1						5.4	8.6
NNE		.6	1.8	1.4								3.9	9.6
NE	.4	.8	2.3	1.8								5.3	9.3
ENE	.3	.2	1.7	.5								2.8	8.3
E		1.4	2.2	.4								4.0	7.7
ESE	.3	.5	.6	.8								2.3	6.5
SE	.5	1.6	1.5	.8	.2							4.7	7.5
SSE	.4	1.1	3.2	2.1	.2							7.0	9.2
S	.3	2.2	4.0	3.4	.6	.1						10.6	10.0
SSW		1.1	2.5	4.4	1.0	.1		.2				9.3	12.4
SW	.2	.6	1.6	3.6	.4	.5	.3	.1				7.5	13.6
WSW		.5	1.6	3.4	1.0	.3						6.8	13.1
W	.3	1.7	3.6	5.7	.5	.3						12.2	10.9
WNW	.3	.9	2.3	.8	.3	.1						4.7	9.7
NW	.4	1.5	1.8	1.7	.5							6.1	9.3
NNW	.8	1.0	2.3	.9								4.0	7.8
VARIABLE			.6	.9	.1	.1						1.7	12.9
CALM	////////////////////											.9	////
TOTALS	5.1	16.8	36.5	33.1	5.3	1.7	.3	.3				107.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.2	1.2	2.9	1.3	.2							5.8	9.2
NNE	.3	1.1	2.5	1.2								5.1	8.4
NE	.3	.5	2.4	.9								4.1	8.6
ENE	.1	1.0	1.1	.5								2.7	7.8
E	.5	1.1	2.5	.2								4.3	7.0
ESE	.8	.6	.8	.6								2.9	7.4
SE	.6	2.3	1.0	.9								4.8	7.0
SSE	.4	2.4	3.7	.8								7.2	7.3
S	.8	3.0	3.9	2.6	.4							10.7	8.5
SSW	.2	1.3	3.5	5.0	1.0	.1						11.0	11.3
SW	.6	.9	1.5	2.7	.2	.2	.2					6.4	11.6
WSW	.5	.2	1.7	3.4	.9	.3						7.0	12.4
W	.4	1.8	4.9	4.1	.9	.3		.1				12.5	11.0
WNW	.9	1.0	1.0	1.3	.3							4.4	8.6
NW	1.0	.6	1.0	.5	.1							3.2	6.8
NNW	.5	1.7	2.1	.6	.1	.2						5.3	8.0
VARIABLE			.1	.8								.9	13.9
CALM	////////////////////											1.5	////
TOTALS	8.3	20.8	36.3	27.5	4.1	1.2	.2	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.2	3.5	1.9	.8	.2			7.6	6.6
NNE	.3	2.0	2.3	.4				5.1	7.1
NE	.1	.9	1.5	1.1				3.6	6.9
ENE	.4	1.2	.4					2.0	5.3
E	1.5	1.4	.5	.2				3.7	4.7
ESE	.6	1.0	.9	.5				3.0	7.2
SE	1.2	1.8	.9	.9				4.7	6.2
SSE	1.5	1.8	1.3	.1				4.7	5.2
S	1.7	4.7	3.6	1.7				11.9	6.8
SSW	1.0	1.7	4.0	3.9	.8			11.3	9.8
SW	.3	2.4	2.2	3.5	.3			8.6	9.5
WSW	1.4	1.5	2.2	2.6	.2	.4		8.3	9.5
W	.9	2.4	3.6	1.7	.5			9.1	8.6
WNW	1.1	1.1	.8	.3	.1	.1		3.5	6.8
NW	.8	.5	.3	.1	.1			1.8	5.6
NNW	.9	.6	.5	.3	.1	.1		2.6	6.8
VARIABLE				.4				.4	14.8
CALM	////////////////////////////////////							8.2	////
TOTALS	14.9	28.6	26.8	18.6	2.4	.6		100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS(IST): 2100-2300

DIRECTION (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	1.5	2.6	.9	.8								5.7	5.9
NNE	.9	1.3	1.7	.5								4.4	6.7
NE	.2	1.0	1.3	.3								2.8	7.2
ENE	.3	.4	.4	.4	.1							1.7	9.0
E	.3	1.4	.6	.1								2.5	5.9
ESE	.3	.9	.3		.1							1.6	5.6
SE	1.0	.6	.9	1.0	.2							3.7	7.6
SSE	1.2	1.2	1.3	1.0								4.6	6.9
S	1.9	2.8	2.4	1.9	.1							9.2	7.4
SSW	1.9	1.6	3.1	3.5	.5	.1						10.9	9.3
SW	1.3	3.1	3.3	2.9	.3							11.7	8.3
WSW	1.4	2.4	2.2	2.4	.8	.3						9.4	9.3
W	2.3	2.6	2.6	2.5	.2							10.1	7.5
WNW	1.7	1.3	.8	.4								3.5	6.2
NW	1.2	1.0	.5		.2	.3	.1					3.3	8.0
NNW	.6	.9	.3									1.8	4.2
VARIABLE				.2								.7	14.0
CALM	////////////////////////////////////											13.6	////
TOTALS	17.4	25.0	22.7	17.9	2.6	.8	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.0	1.8	1.8	.6	.2	.1					5.5	7.1
NNE	.5	1.2	1.7	.6							4.0	7.5
NE	.3	.7	1.5	.9							3.5	8.4
ENE	.4	.6	.7	.5	.1						2.3	7.8
E	.5	.9	1.2	.2							2.8	6.6
ESE	.4	.8	.7	.4	.0						2.3	7.0
SE	.7	1.4	.9	.6	.1						3.8	7.0
SSE	1.0	1.5	1.9	.9	.1	.0					5.4	7.3
S	1.0	2.8	2.9	2.4	.4	.1					9.7	8.7
SSW	.9	1.4	3.4	3.7	.9	.2	.0	.0			10.4	10.5
SW	.7	1.9	2.6	2.8	.4	.1	.1	.0			8.5	9.8
WSW	1.0	2.0	2.4	2.4	.7	.3					8.8	9.8
W	1.3	3.0	3.8	2.9	.5	.1		.0			11.8	8.8
WNW	1.0	1.4	1.1	.6	.1	.0					4.3	7.1
NW	.9	1.2	1.1	.5	.2	.1	.0				4.1	7.2
NNW	.8	1.1	1.2	.3	.0	.0	.0	.0			3.5	7.0
VARIABLE	.0		.4	.5	.1	.7					1.0	12.4
CALM	////////////////////////////////////										8.6	////
TOTALS	12.5	23.6	29.3	21.0	3.8	1.1	.1	.1			100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 7404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (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	3.3	3.3	1.7	.7							9.0	5.2
NNE	2.0	1.0	2.0	1.1							6.1	6.8
NE	.6	1.0	2.3	.7							4.6	7.6
ENE	.1	1.0	1.1	.1							2.3	7.3
E	.3	.9	.4	.7							2.3	7.6
ESE	.3	1.2	.7	.3							2.6	6.8
SE	1.0	.9	.3	.1							2.3	4.3
SSE	.7	1.6	1.0	.4							3.7	6.3
S	1.6	2.6	1.1	.2							5.4	5.0
SSW	1.0	1.4	1.4	1.1							5.0	7.0
SW	.9	3.4	2.3	.4							7.1	6.1
WSW	1.0	1.9	1.1	.6							4.6	6.0
W	2.6	2.8	2.2	.1	.1						7.8	5.3
WNW	2.3	2.1	1.1	.3	.3						6.2	5.5
NW	1.0	1.7	1.2								3.9	5.1
NNW	2.6	2.4	1.6	.4							7.0	5.1
VARIABLE			.8								.8	9.9
CALM	////////////////////////////////////										19.3	////
TOTALS	21.2	29.2	22.4	7.3	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	2.3	2.8	2.1	.3	.1						7.7	5.7
NNE	2.0	2.4	1.9	.7	.3						7.3	6.9
NE	.9	.8	2.0	.7							4.3	7.3
ENE	.2	.7	.8								1.7	6.7
E	.2	.9	.6	.3							2.0	6.9
ESE	.7	1.0	.9								2.6	5.8
SE	.6	1.0	.2	.1							1.9	4.8
SSE	.7	1.7	.9								3.2	5.4
S	1.8	2.6	.8	.1							5.2	4.8
SSW	.6	2.1	1.9	.3	.1						5.0	6.8
SW	1.0	1.9	1.0	.9							4.8	6.8
WSW	1.2	1.1	.9	.2							3.4	5.2
W	3.1	3.2	2.3	1.1							9.8	5.7
WNW	3.0	2.6	.9	.2	.3						7.0	5.0
NW	2.7	2.2	.9								5.8	4.1
NNW	1.4	3.0	1.8	.8							7.0	6.1
VARIABLE			1.1	.3							1.4	9.6
CALM	////////////////////////////////////										19.9	////
TOTALS	22.7	29.9	20.9	6.1	.9						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

DIRECTION (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	2.6	4.4	4.1	.9								12.0	6.2
NNE	.7	1.9	2.7	1.2	.1							6.6	7.9
NE		.8	2.7	1.1								4.6	9.0
ENE	.7	.8	1.1	.4								3.0	7.0
E	.6	.3	1.4	.9								3.2	8.0
ESE	.6	1.0	.9	.1								2.6	5.7
SE	1.2	1.1	.7	.2								3.2	5.2
SSE	1.7	1.1	1.9	.3								5.0	5.8
S	1.9	1.3	2.3	.9								6.4	6.6
SSW	.7	.8	1.8	.8								4.0	7.9
SW	.9	.7	1.8	.8	.1							4.2	7.7
WSW	.6	1.2	1.1	.7								3.6	6.9
W	1.3	3.4	2.0	.7								7.4	6.1
WNW	1.6	2.6	2.0	.8	.1							7.0	6.5
NW	1.3	3.2	2.1	.1								6.8	5.8
NNW	1.8	2.0	2.1	.7	.1							6.7	6.4
VARIABLE			.8	.2								1.0	10.0
CALM	////////////////////											12.8	////
TOTALS	17.9	26.7	31.4	10.8	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: Q35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.0	3.6	6.9	2.4	.1							14.0	8.0
NNE	1.2	2.3	2.8	2.6	.2							9.1	8.6
NE	.4	.8	2.4	2.2								5.9	9.6
NNE	.2	.7	2.0	1.4								4.3	9.1
E	.1	1.0	1.3	.9								3.3	8.3
ESE	.6	.9	.9	.2								2.6	6.4
SE	1.0	1.8	1.6	.9								5.2	7.1
SSE	1.1	2.3	2.2	1.0	.1							6.8	7.3
S	.3	2.0	2.8	2.0								7.1	8.6
SSW	.1	1.1	2.1	1.2	.2							4.8	9.1
SW	.7	1.0	1.7	.4								3.8	6.8
WSW	.4	.6	1.3	1.0	.1							3.4	8.8
W	.7	2.2	3.4	1.8								8.1	8.3
WNW	1.1	1.6	1.8	1.0								5.4	7.0
NW	.4	1.8	2.7	.2	.1							5.2	7.1
NNW	.4	1.0	2.3	1.0	.2	.1						5.1	8.8
VARIABLE			2.0	1.3								3.3	10.3
CALM	////////////////////////////////////											2.4	////
TOTALS	9.9	24.6	40.2	21.7	1.1	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

DIRECTION (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	.8	2.8	5.6	2.6	.1						11.8	6.5
NNE	.3	.8	3.1	1.9	.4	.1					6.7	10.2
NE	.1	.8	3.2	2.8	.1						7.0	10.1
ENE	.3	1.3	2.0	1.6	.1						5.3	8.8
E	.3	1.8	1.8	1.0							4.9	7.6
ESE	.2	1.3	1.7	.7							3.9	7.6
SE	1.0	2.7	1.9	.6							6.1	6.3
SSE	.4	3.3	4.2	1.7	.1						9.8	7.8
S	.1	1.7	4.3	2.7	.2	.1					9.1	9.9
SSW	.3	.7	1.4	1.1	.4						4.0	9.7
SW	.1	.1	1.1	.4	.1						1.9	9.8
WSW	.2	.4	1.8	.9	.1						3.4	9.4
W	.2	2.3	3.1	1.8	.2						7.7	8.7
WNW	.3	1.0	1.8	1.0							4.1	8.2
NW	.4	1.2	1.9	.3							3.9	6.9
NNW	.9	1.4	2.2	.7	.6						5.7	8.2
VARIABLE	.1	.1	2.9	1.0							4.1	9.4
CALM	////////////////////////////////////										.7	////
TOTALS	6.2	23.9	44.0	22.6	2.6	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.8	2.1	5.6	2.6	.1						11.1	8.7
NNE	.3	.7	2.3	1.8	.7						5.8	10.6
NE	.6	.7	3.3	4.0							8.6	10.0
ENE	.6	2.1	2.2	1.6	.1						6.6	8.2
E	.9	2.0	3.4	1.1							7.4	7.4
ESE	.8	1.8	1.7	.2							4.4	6.3
SE	1.1	2.9	1.7	.1							5.8	5.5
SSE	1.1	4.7	3.3	.9							10.0	6.6
S	.8	1.2	4.1	3.2	.2						9.6	9.2
SSW	.1	.9	1.9	1.2	.2						4.3	9.5
SW	.1	.2	.7	.3	.2						1.6	10.1
WSW		.7	1.6	.9							3.1	8.9
W	.2	1.7	2.7	1.2	.1						5.9	8.4
WNW	.6	1.6	2.2	.4							4.8	7.0
NW	.4	.6	1.4								2.4	6.9
NNW	.4	1.0	2.2	1.1	.1						4.9	8.5
VARIABLE		.1	2.0	.2	.3						2.7	10.5
CALM	////////////////////////////////////										1.1	////
TOTALS	8.8	24.8	42.3	20.9	2.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	2.0	4.6	5.0	1.1	.2	.1			13.0	6.9
NNE	1.4	2.7	2.7	2.0	.2		.1		9.1	8.1
NE	.6	2.6	3.7	1.7					5.4	7.8
ENE	1.7	1.4	2.1	.1					5.0	6.2
E	1.9	1.3	1.3	.8					5.3	5.8
ESE	1.6	.9	.6						3.0	3.9
SE	2.9	1.6	.4						4.9	3.6
SSE	2.7	3.2	1.4	.3					7.7	4.9
S	2.3	2.4	2.4	.9					8.1	6.3
SSW	.8	.9	2.6	1.0	.2				5.4	6.4
SW	.8	.9	1.3	.2					3.2	6.4
WSW	.4	1.1	1.0	.3					2.9	6.8
W	1.4	2.6	1.6	.3					5.9	5.8
WNW	.8	1.0	.3	.4					2.6	6.2
NW	.9	1.3	.4	.2					2.9	5.0
NNW	1.1	1.4	1.7	.3					4.6	6.4
VARIABLE			.1	.2					.3	12.0
CALM	////////////////////////////////////								7.7	////
TOTALS	22.9	29.9	28.7	10.0	.7	.1	.1		100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.9	4.9	1.7	1.0								9.4	5.7
NNE	1.3	2.8	2.9	1.2	.1							8.3	7.4
NE	.8	2.3	3.1	1.0	.1							7.4	7.7
ENE	.2	.2	.9	.6								1.9	8.6
E	.9	1.0	1.4	.9								4.2	7.0
ESE	.8	.7	.3	.3								2.1	5.5
SE	.9	.7	.2	.2								2.0	4.9
SSE	1.7	2.4	.3	.3								4.8	4.6
S	2.2	3.3	1.8	.3								7.7	5.3
SSW	.9	.9	2.1	1.1								5.0	7.8
SW	1.7	2.0	1.8	.7								6.1	6.0
WSW	1.2	2.8	.9		.1							5.0	5.1
W	2.3	2.9	1.6	.2								7.0	4.8
WNW	1.1	1.7	.3	.1	.2							3.4	5.3
NW	1.6	2.0	.8	.1	.1							4.6	5.0
NNW	1.9	1.0	1.1	.4								4.4	5.1
VARIABLE			.2	.1								.3	10.0
CALM	////////////////////////////////////											16.3	////
TOTALS	21.3	31.6	21.4	6.7	.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): ALL

DIRECTION (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	1.8	3.6	4.1	1.4	.1	.0					11.0	7.0
NNE	1.2	1.8	2.5	1.6	.3	.0	.0				7.4	8.2
NE	.5	1.2	2.8	1.8	.0						6.3	8.7
ENE	.5	1.0	1.5	.7	.0						3.6	7.8
E	.7	1.2	1.5	.8							4.1	7.3
ESE	.7	1.1	.9	.2							3.0	6.1
SE	1.2	1.6	.9	.3							3.9	5.4
SSE	1.2	2.5	1.9	.6	.0						6.4	6.3
S	1.4	2.1	2.5	1.3	.1	.0					7.4	7.3
SSW	.6	1.1	1.9	1.0	.2						4.7	8.2
SW	.8	1.3	1.5	.5	.1						4.1	6.9
WSW	.6	1.2	1.2	.6	.0						3.7	7.0
W	1.5	2.6	2.4	.9	.1						7.4	6.6
WNW	1.3	1.7	1.3	.5	.1						5.1	6.3
NW	1.1	1.7	1.4	.1	.0						4.4	5.7
NNW	1.3	1.7	1.9	.7	.1	.0					5.7	6.8
VARIABLE	.0	.0	1.2	.4	.0						1.7	10.0
CALM	////////////////////////////////////										10.0	////
TOTALS	16.3	27.5	31.4	13.5	1.1	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0100

DIRECTION (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	2.9	4.3	2.6	.4							10.2	5.2
NNE	1.8	2.4	1.4	.1							5.7	4.8
NE	1.6	1.2	1.0	.1							3.9	4.8
ENE	.3	.9	1.0	.5							2.7	7.6
E	1.0	1.0	1.1	.3							3.3	5.9
ESE	.6	.6	.4	.8							2.5	7.4
SE	.5	.4	.1	.3							1.4	5.9
SSE	.8	.8	.2	.2							1.9	4.9
S	1.7	1.6	1.4	1.0							5.7	6.5
SSW	1.1	4.1	3.1	.4							9.7	6.4
SW	1.3	3.0	2.6	1.3							8.2	7.0
WSW	1.0	1.2	1.6	.1							3.9	6.0
W	1.5	2.7	1.5	.2							5.9	5.0
WNW	1.0	1.0	.8								2.7	4.7
NW	1.1	2.3	.9	.3							4.5	5.5
NNW	1.2	2.0	2.3	.6							6.1	6.5
VARIABLE			.1								.1	8.0
CALM	////////////////////////////////////										22.3	////
TOTALS	19.4	29.4	22.0	6.8							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-87
MONTH: MAY HOURS(IST): 0300-0500

DIRECTION (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	3.0	4.5	3.5	.5							11.5	5.5
NNE	1.5	2.4	1.9	.1							5.9	5.4
NE	1.3	.6	.8	.1							2.8	4.8
ENE	1.1	.9	.6	.5							3.1	6.0
E	.8	.8	.6	.3							2.5	5.5
ESE	1.0	.5	1.1	.3							2.9	6.2
SE	1.0	.6	.3	.1							2.0	4.8
SSE	1.0	1.0	.5								2.5	4.3
S	.9	2.0	1.7	.8							5.4	6.8
SSW	1.3	1.9	2.8	.3							6.4	6.4
SW	.8	3.0	3.2	1.3							8.3	7.3
WSW	1.4	2.9	1.0	.1							5.4	5.1
W	.9	1.7	1.1	.2							3.9	5.7
WNW	1.3	1.8	1.2								4.3	5.2
NW	1.3	1.0	1.6	.2							4.1	5.4
NNW	1.1	2.6	3.2	.6	.2						7.8	6.9
VARIABLE			.2	.1							.3	10.0
CALM	////////////////////////////////////										27.8	////
TOTALS	19.4	28.4	25.5	5.7	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: MAY HOURS(IST): 0600-0600

DIRECTION (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	1.9	3.8	4.8	1.4								11.9	6.9
NNE	1.3	2.2	2.7	.3								6.5	6.4
NE	1.2	1.3	2.5	1.3	.1							6.4	7.7
ENE	1.0	1.3	1.5	.8								4.5	7.0
E	.6	1.1	1.4	.2								3.4	6.3
ESE	.5	.8	1.1	.4								2.8	7.1
SE	.3	1.1	1.4	.1								2.9	6.7
SSE	.9	1.3	1.6	.3								4.1	6.3
S	.9	1.3	2.4	1.7								6.3	8.1
SSW	.9	1.7	2.2	1.3	.1							6.2	7.8
SW	.5	1.2	2.6	2.4	.3							7.0	9.4
WSW	.5	1.4	2.1	1.0	.2	.1						5.3	8.4
W	.3	2.1	1.9	.6								5.7	7.4
WNW	.6	2.4	.9									3.9	5.3
NW	1.3	2.1	2.4	.3								6.1	6.3
NNW	1.3	2.2	2.5	1.5	.2							7.7	7.7
VARIABLE			.4	.3								.8	17.0
CALM	////////////////////											9.4	////
TOTALS	14.2	27.0	34.3	14.1	1.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0900-1100

DIRECTION (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	1.0	4.8	3.1							9.5	9.6
NNE	.4	2.2	3.2	.8	.1						6.7	7.8
NE	.6	1.7	3.0	1.5	.5						7.5	8.7
ENE	.6	1.8	2.1	1.3	.1						6.0	8.3
E	.6	.9	2.1	.6							4.2	7.7
ESE	.6	1.0	1.6	.9							4.1	7.9
SE	.5	1.0	1.4	.1							3.0	6.5
SSE	.4	1.5	4.2	.8	.1						7.0	8.0
S	.8	1.5	2.8	3.0	.5						8.7	9.6
SSW	.2	1.0	1.4	2.8	.5	.1					5.1	11.1
SW	.4	1.5	1.2	2.3	.3						5.7	9.9
WSW	.1	.9	1.6	1.5	.3						4.4	10.2
W	.5	1.7	2.7	1.5	.2						6.7	8.5
WNW	.6	.9	.9								2.4	5.7
NW	.3	1.7	1.7	1.1							4.9	7.8
NNW	.9	1.8	2.4	1.8	.3	.1					7.4	6.9
VARIABLE			2.6	.9							3.5	13.0
CALM	////////////////////////////////////										2.3	////
TOTALS	8.5	22.1	39.7	24.7	3.1	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

DIRECTION (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	.4	1.2	2.9	3.2	.3						8.2	10.1
NNE		.6	1.5	1.7							3.9	10.1
NE	.6	1.9	4.3	1.6	.3						8.9	8.6
ENE	.5	1.9	3.2	1.6	.6						7.9	9.1
E	.1	1.2	2.5	1.7	.1						5.6	9.8
ESE	.3	.6	.8	.6							2.4	8.2
SE	.2	1.2	1.7	.4							3.6	7.4
SSE	.6	2.4	7.0	1.4							11.5	8.2
S	.3	1.1	5.2	4.5	.4						11.6	10.4
SSW	.2	.5	1.6	1.8	1.0	.2					5.4	12.5
SW		.4	1.4	1.7	1.0						4.5	12.4
WSW		.6	1.2	1.1	.4						3.4	10.7
W	.3	1.3	1.9	1.5	.3						5.4	9.3
WNW	.4	1.0	1.1	.4		.1					3.0	7.6
NW	.3	1.3	1.2	.4							3.2	7.0
NNW	.2	1.2	2.7	1.7	.2						6.1	9.5
VARIABLE		.2	3.1	1.0	.1						4.4	9.9
CALM	////////////////////////////////////										1.2	////
TOTALS	4.8	18.7	43.5	26.7	4.9	.3					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (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	.5	.9	4.0	3.1	.3	.1					9.0	10.1
NNE	.3	.5	3.4	2.2	.1						6.5	9.9
NE	.5	.9	3.9	1.9	.1						7.4	9.2
ENE	.5	1.5	3.5	1.6							7.1	8.4
E	.5	1.9	3.6	1.6	.1						7.8	8.1
ESE	.1	1.3	2.1	.2							3.7	7.4
SE	1.0	1.2	2.3	.1							4.5	6.6
SSE	.3	3.0	4.0	1.1							8.4	7.5
S	.4	2.8	6.0	4.1	.2	.1					13.6	9.1
SSW	.1	1.0	2.2	2.9	.6	.1					6.9	11.6
SW	.1	.4	2.9	1.6	.9						6.0	11.3
WSW	.3	.5	1.8	.9	.1	.1					3.8	9.2
W	.1	1.0	.5	1.3							2.9	9.3
WNW	.1	1.1	.5	.3							2.1	6.9
NW	.6	.4	.8	.1							1.9	5.2
NNW	.1	.8	2.3	1.5							4.7	9.4
VARIABLE			1.5	1.2							2.7	10.6
CALM	////////////////////////////////////										1.0	////
TOTALS	5.8	19.7	45.1	25.9	2.5	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-A7
MONTH: MAY HOURS(IST): 1800-2400

DIRECTION (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	.9	3.5	4.4	1.5								10.3	7.5
NNE	1.1	2.7	3.4	1.1								9.2	7.2
NE	2.1	3.8	1.9	1.5								9.3	6.5
ENE	1.0	2.2	2.6	.4								6.9	6.5
E	1.0	1.3	2.0	.9								5.5	6.9
ESE	.8	1.1	.3									2.2	4.2
SE	1.4	1.1	.6	.4								3.6	5.2
SSE	1.2	2.9	2.3	.3								6.7	6.0
S	1.4	4.2	5.4	.5								11.6	6.6
SSW	.8	2.1	4.7	1.5	.4							9.4	8.6
SW	.3	1.1	2.3	1.6	.3							5.6	9.7
WSW	.5	.4	.8	.4								2.2	6.6
W	1.0	.8	1.3	.5	.1							3.7	7.1
WNW	.4	.9	.6	.1								2.1	5.9
NW	.8	.3	.2									1.8	5.2
NNW	.6	1.1	1.9	1.1								4.8	8.1
VARIABLE		.1	1.0	.2	.1							1.4	10.0
CALM	////////////////////////////////////											4.9	////
TOTALS	15.2	30.1	36.7	12.2	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(IST): 2100-2300

DIRECTION (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	2.7	4.3	3.0	1.2							11.2	6.2
NNE	2.2	2.7	1.5	.2							6.6	5.0
NE	2.6	1.5	1.7	.9							6.7	5.5
ENE	1.0	1.0	.3	.2							2.5	4.7
E	2.4	1.2	.5	1.2							5.3	5.6
ESE	1.1	.4		.8							2.3	6.2
SE	1.3	1.1	.1								2.5	3.3
SSE	.8	1.4	.6	.2							3.0	5.7
S	1.7	3.0	3.0	.5	.1						8.4	6.2
SSW	1.3	3.6	3.3	1.4							9.6	7.0
SW	1.3	1.4	3.1	1.2							7.0	7.4
WSW	1.0	1.1	.8	.2	.1						3.1	6.0
W	1.3	1.0	.5	.3							3.1	5.1
WNW	1.2	.5	.2	.3							2.3	4.9
NW	.4	.5	1.6								2.6	6.1
NNW	1.1	1.6	1.3	.5							4.5	6.3
VARIABLE			.1								.1	8.0
CALM	////////////////////										19.2	////
TOTALS	27.2	26.3	21.9	9.2	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.6	2.9	3.7	1.8	.1	.0					10.2	7.4
NNE	1.1	2.0	2.4	.8	.0						6.3	7.0
NE	1.3	1.6	2.4	1.1	.1						6.6	7.3
ENE	.8	1.5	1.9	.9	.1						5.1	7.6
E	.9	1.2	1.8	.9	.0						4.7	7.2
ESE	.6	.8	.9	.5							2.9	6.9
SE	.8	1.0	1.0	.2							2.9	6.0
SSE	.7	1.8	2.6	.5	.0						5.6	7.0
S	1.0	2.2	3.5	2.0	.2	.0					8.9	8.2
SSW	.7	2.0	2.7	1.6	.3	.1					7.3	8.6
SW	.6	1.5	2.4	1.7	.4						6.6	9.0
WSW	.6	1.1	1.4	.7	.1	.0					3.9	7.8
W	.7	1.5	1.4	.8	.1						4.6	7.3
WNW	.7	1.2	.8	.1		.0					2.8	5.7
NW	.8	1.2	1.4	.3							3.6	6.2
NNW	.8	1.7	2.3	1.2	.1	.0					6.1	7.9
VARIABLE		.0	1.1	.5	.0						1.7	10.0
CALM	////////////////////////////////////										17.1	////
TOTALS	13.8	25.2	33.6	15.6	1.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 7403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(1ST): 0000-0100

DIRECTION (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	.5	2.5	1.1								4.7	5.2
NNE	.4	1.9	.9	.2							3.5	5.7
NE	.7	1.7	1.9	.3							4.6	6.4
ENE	.7	1.7	.4	.1							2.9	5.1
E	1.2	1.0	.9	.4							3.6	5.9
ESE	.4	.1	.2	.1							.9	5.4
SE	1.0	.1									1.1	2.3
SSE	1.8	.4	.1								2.3	2.8
S	1.4	.6	.8	.3							3.1	5.5
SSW	1.0	1.4	1.7	1.0							5.1	7.1
SW	1.7	2.1	2.9	1.1	.1						7.9	6.6
WSW	2.1	4.3	2.8	.2							9.5	5.6
W	2.9	5.2	3.3	.6							12.0	5.4
WNW	2.2	2.7	1.0								5.9	4.5
NW	1.7	.9	.7	.3							3.6	4.8
NNW	2.0	1.6	.4	.6	.1						4.7	5.3
VARIABLE												
CALM	////////////////////										24.6	////
TOTALS	22.1	28.5	19.2	5.4	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: JUN HOURS (LST): 0300-0500

DIRECTION (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	1.4	3.0	1.8									6.2	5.1
NNE	1.1	1.3	1.0									3.4	4.9
NE	.9	1.3	1.3	.1								3.7	5.8
ENE	1.3	1.9	.6	.6								4.3	5.4
E	1.1	.7	.4	.3								2.5	5.7
ESE	.6	.4	.8									1.8	5.6
SE	.4	.1	.1									.7	3.7
SSE	.7	.2	.3	.1								1.3	5.0
S	1.4	.6	.3	.2								2.5	4.4
SSW	.9	1.0	1.8	.8								4.4	7.2
SW	1.6	1.4	2.7	.3								6.0	6.1
WSW	1.9	3.9	4.2	.8								17.8	6.3
W	3.4	6.0	3.8	.9								14.1	5.5
WNW	2.9	2.2	1.7	.1								6.9	4.7
NW	1.4	1.0	1.0	.2								4.6	5.4
NNW	1.6	1.8	1.3	.6								5.2	6.1
VARIABLE			.1									.1	7.0
CALM	////////////////////											21.2	////
TOTALS	22.7	27.9	23.2	5.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	2.1	2.3	3.8	.2								8.5	5.9
NNE	.9	1.8	1.1	.2								4.0	5.6
NE	.7	1.2	2.0	.6								4.5	7.3
ENE	.3	1.4	1.4	.4								3.7	7.2
E	.6	.7	2.3									3.6	6.4
ESE	1.0	.6	.8	.1								2.4	5.5
SE	.8	.7	.2									1.7	4.4
SSE	.3	.7	.6									1.6	5.5
S	.9	1.1	1.4	.4								3.9	6.4
SSW	.7	.2	2.0	.8								3.7	8.3
SW	1.4	1.6	3.3	1.2								7.6	7.3
WSW	1.4	2.2	2.8	1.4								7.9	7.1
W	1.8	4.8	6.2	1.7								14.5	7.2
WNW	2.1	3.0	3.9	.4								9.5	6.1
NW	.9	2.8	2.4	.9								7.0	7.0
NNW	1.9	2.2	2.1	.3								6.6	5.7
VARIABLE			1.1									1.1	6.6
CALM	////////////////////////////////////											8.5	////
TOTALS	17.8	27.7	37.6	8.8								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.1	2.0	2.6	1.7							7.3	7.6
NNE	.4	1.4	1.9	.2							4.0	6.8
NE	.2	.9	1.9	.7							3.7	8.1
ENE	.7	1.1	2.4	.6							4.8	7.3
E	.3	1.3	2.0	.2							3.9	7.4
ESE	.3	.9	.8	.2							2.2	6.9
SE	.3	1.9	.6	.1							2.9	5.6
SSE	1.2	2.4	1.7	.3							5.7	5.7
S	.9	1.1	1.7	1.4	.1						5.2	8.1
SSW	.3	1.3	2.3	1.4							5.5	8.8
SW	.3	1.4	3.4	2.0	.1						7.3	9.0
WSW	.4	1.9	4.1	1.2	.1						7.8	8.5
W	1.0	3.0	4.1	3.6	.1						11.8	8.7
WNW	1.0	1.6	3.3	.9	.1						6.9	7.4
NW	1.0	2.1	3.2	.8							7.1	6.9
NNW	.8	1.6	2.7	1.1							6.1	7.6
VARIABLE	.2	.2	3.3	.7							4.4	8.4
CALM	////////////////////////////////////										3.3	////
TOTALS	10.7	26.3	42.0	17.1	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1200-1400

DIRECTION (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	.4	1.1	2.1	1.2							4.9	8.5
NNE	.2	.8	.9	.4							2.3	7.7
NE	.2	.9	2.6	.7							4.3	8.3
ENE		1.2	2.9	1.1							5.2	8.5
E	.3	1.7	1.9	1.0							4.9	7.8
ESE	.4	1.3	.9	.3							3.0	6.6
SE	.7	1.2	1.7	.2							3.8	6.2
SSE	.4	3.1	4.7	.6							8.8	7.0
S	.3	1.6	4.9	2.2	.1						9.1	8.9
SSW	.4	.6	1.9	2.6	.3						5.8	10.5
SW		1.0	2.7	2.4	.2						6.3	10.2
WSW	.1	.6	2.7	1.9							5.2	9.4
W	.4	1.8	4.2	4.2	.1						10.8	9.7
WNW	1.1	2.9	3.1	.9							8.0	6.7
NW	.7	2.3	2.7	.8							6.4	7.1
NNW	.4	1.6	2.3	1.2	.2						5.8	8.6
VARIABLE			3.4	.7	.1						4.2	9.2
CALM	////////////////////										1.1	////
TOTALS	6.3	23.6	45.4	22.4	1.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (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	.8	2.0	2.7	1.0							6.5	7.4
NNE	.6	.9	2.7	.8							4.9	8.1
NE	.2	1.6	2.4	.4							4.7	7.3
ENE	.3	1.9	2.7	1.0							5.9	7.8
E	.9	2.3	3.1	.3							6.7	6.5
ESE	.3	2.2	.9	.2							3.7	6.0
SE	.6	2.9	1.6								5.0	5.7
SSE	.3	4.0	4.4	.4							9.2	6.7
S	.6	2.3	5.6	1.2							9.7	7.9
SSW	.1	.9	1.7	2.8	.2						5.7	10.5
SW	.3	.8	2.6	2.0	.2						5.9	9.9
WSW	.3	.4	2.9	1.2	.1						5.0	9.4
W	.4	1.9	5.6	3.3	.1						11.3	9.2
WNW	.8	1.4	3.1	.3							5.7	7.0
NW	.3	1.3	.8	.6							3.0	7.3
NNW	.2	.9	2.3	.9							4.3	8.7
VARIABLE			1.9	.2							2.1	8.8
CALM	////////////////////////////////////										.8	////
TOTALS	7.1	27.8	46.8	16.8	.7						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (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	56-59		
N	1.3	2.7	2.6	.7								7.2	6.3
NNE	.8	1.8	2.6	.8								5.9	7.2
NE	.3	2.1	2.2	.4								5.1	7.0
ENE	1.1	2.3	1.4	.1								5.0	5.4
E	1.8	3.2	.9	.2								6.1	4.9
ESE	1.9	2.7	.4									5.0	4.0
SE	2.6	2.2		.1								4.9	3.7
SSE	1.8	3.6	1.4	.1								6.9	4.9
S	1.7	2.6	2.0	.2								6.5	5.6
SSW	.9	2.7	3.1	1.2	.1							8.0	7.6
SW	.7	1.9	2.4	1.1								6.1	7.6
WSW	1.2	2.1	3.2	1.0								7.6	6.9
W	1.4	2.3	3.0	.8								7.6	6.5
WNW	1.4	2.2	1.7	.3								5.7	5.6
NW	.7	.6	1.0	.2								2.4	6.8
NNW	.8	1.3	1.3	.3								3.8	6.2
VARIABLE			.7	.2								.9	9.1
CALM	////////////////////////////////////											5.3	////
TOTALS	20.4	36.3	30.0	7.9	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.7	2.1	1.1	.4							5.3	5.3
NNE	1.0	2.1	1.2	.3							4.7	5.9
NE	1.1	1.8	.9	.3							4.1	5.8
ENE	.6	2.0	1.3								3.9	5.5
E	1.9	1.0	1.0	.4							4.3	5.3
ESE	1.6	.6	.1								2.2	3.1
SE	1.4	.3									1.8	2.4
SSE	2.0	1.1	.1	.1							3.3	3.5
S	3.4	1.9	.8	.1							6.2	3.9
SSW	2.3	1.6	2.6	.7	.2						7.3	6.4
SW	1.9	3.8	2.3	1.1							9.1	6.3
WSW	1.7	3.6	2.8	.2							7.9	5.9
W	1.9	3.1	2.9	.4							8.3	5.4
WNW	2.1	1.7	1.0								4.8	4.4
NW	1.7	.7	.6	.4							3.3	4.9
NNW	1.8	1.4	.9	.1							4.2	4.8
VARIABLE				.1							.1	12.0
CALM	////////////////////////////////////										18.9	////
TOTALS	27.7	28.7	19.6	4.9	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.2	2.3	2.2	.7							5.3	6.4
NNE	.7	1.5	1.5	.4							4.1	6.6
NE	.5	1.4	1.9	.4							4.3	7.0
ENE	.6	1.7	1.7	.5							4.5	6.7
E	1.0	1.5	1.6	.4							4.5	6.2
ESE	.8	1.1	.6	.1							2.7	5.3
SE	1.0	1.2	.5	.1							2.7	4.7
SSE	1.1	1.9	1.7	.2							4.9	5.7
S	1.3	1.5	2.2	.8	.0						5.8	6.8
SSW	.8	1.2	2.1	1.4	.1						5.7	8.2
SW	1.0	1.8	2.8	1.4	.1						7.0	7.8
WSW	1.1	2.4	3.2	1.0	.0						7.7	7.1
W	1.7	3.5	4.1	1.9	.0						11.3	7.3
WNW	1.7	2.2	2.4	.4	.0						6.7	5.9
NW	1.0	1.6	1.5	.5							4.7	6.4
NNW	1.2	1.5	1.7	.6	.0						5.3	6.7
VARIABLE	.0	.0	1.3	.2	.0						1.6	8.8
CALM	////////////////////////////////////										10.5	////
TOTALS	16.8	28.3	33.0	11.0	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7190

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (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	2.8	1.9	.3									5.0	3.6
NNE	1.3	2.1	.2	.1								3.7	4.2
NE	.3	1.5	.4	.3								2.6	5.7
ENE	.4	1.1	.3									1.9	4.6
E	.8	.5	.5									1.9	4.4
ESE	.1	.5	.1									.8	4.9
SE	.5	.1	.2									.9	4.3
SSE	.5	.5										1.1	3.6
S	1.3	1.0	.5									2.8	4.3
SSW	1.2	.7	1.5	.3								3.7	6.1
SW	1.5	2.2	3.2	.7								7.5	6.4
WSW	3.1	3.4	2.0									8.4	4.5
W	2.4	7.5	2.7									12.7	5.3
WNW	3.4	3.4	.5									7.3	3.8
NW	2.0	.9	.3									3.2	3.2
NNW	1.6	1.0	.5	.2								3.4	4.5
VARIABLE		.1	.1	.3								.5	10.2
CALM	////////////////////////////////////											32.6	////
TOTALS	23.4	26.4	13.7	2.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.9	2.3	.2	.1							4.5	3.9
NNE	1.5	1.9	.7								4.0	4.2
NE	.9	1.1	.7	.2							2.8	5.5
ENE	.7	.5	.3								1.5	4.2
E	.4	.7	.4								1.5	5.1
ESE	.2	.3	.1								.7	4.3
SE	.3	.2	.1								.7	4.2
SSE	.8	.2	.1	.2							1.3	5.1
S	2.1	1.1	.4								3.6	3.5
SSW	.9	1.2	1.4								3.5	5.8
SW	.5	2.1	2.4	.3							5.4	6.8
WSW	3.8	3.5	2.8	.3							10.5	5.0
W	3.2	4.4	2.2								9.7	4.6
WNW	3.7	3.4	2.1	.1							9.3	4.7
NW	3.2	2.2	.7								6.0	3.5
NNW	1.9	1.4	.5	.2	.1						4.2	5.0
VARIABLE			1.1	.1							1.2	8.5
CALM	////////////////////////////////////										29.6	////
TOTALS	25.9	26.4	16.3	1.6	.1						109.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0600-0800

DIRECTION (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	2.3	3.6	1.2	.3							7.4	5.2
NNE	1.5	2.7	1.1	.1							5.5	5.1
NE	1.3	.5	1.6	.2							3.7	5.7
ENE	.8	.4	1.0								2.2	5.3
E	1.1	1.3	1.0								3.4	4.9
ESE	1.1	1.0	.7								2.7	4.5
SE	1.1	.2	.1								1.4	2.8
SSE	1.1	.3	.3								1.8	3.8
S	1.3	1.5	1.2								4.7	4.9
SSW	.9	1.4	1.1	.9							4.3	6.9
SW	.7	1.6	3.2	.4							5.6	7.3
WSW	1.2	3.9	3.8	1.1							10.1	8.8
W	2.0	4.2	3.1	.7							9.8	6.1
WNW	1.8	4.0	2.2	.1							8.1	5.1
NW	3.1	4.5	2.4	.7							10.6	5.3
NNW	1.9	2.2	1.3	.2							6.6	5.1
VARIABLE		.1	1.6	.3							2.1	8.7
CALM	////////////////////////////////////										10.7	////
TOTALS	22.6	34.7	26.9	5.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.5	2.3	1.8	.4							6.0	5.7
NNE	1.0	1.9	2.3	.2							5.4	6.5
NE	.7	1.8	1.6	.2							4.3	6.4
ENE	.5	1.2	2.0	.4							4.2	7.1
E	.7	2.2	1.2	.1							4.2	5.6
ESE	.8	1.5	.3								2.6	4.7
SE	.8	2.0	.4	.1							3.3	5.1
SSE	1.2	2.4	1.8	.1							5.5	5.3
S	.3	1.3	2.9	1.0							5.5	8.2
SSW	.3	.3	2.4	1.3							4.4	9.1
SW	.9	.7	3.4	1.8							6.7	8.3
WSW	.5	.9	4.8	2.2							8.4	9.1
W	.3	2.2	5.0	.9							8.4	7.6
WNW	1.1	3.6	3.6	.2							8.6	6.2
NW	1.2	3.0	2.5	.7							7.3	6.2
NNW	1.0	2.4	2.5	1.2							7.1	7.1
VARIABLE	.1	.3	3.9	1.1							5.5	8.9
CALM	////////////////////										2.6	////
TOTALS	12.9	29.9	42.5	12.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (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	1.0	2.0	2.2	.2							5.4	6.3
NNE	.8	1.3	1.5	.1							3.7	6.3
NE	.5	1.4	2.0	.8							4.7	7.4
ENE	.2	1.4	2.5	1.1							5.3	8.4
E	.3	1.8	1.6	.8							4.5	7.2
ESE	.2	2.2	1.4	.1							3.9	6.4
SE	.5	2.1	1.5	.1							4.3	6.1
SSE	.8	2.9	3.9	.4							8.0	6.9
S	.3	1.2	5.6	1.8							9.9	8.9
SSW		.8	2.4	1.2	.2						4.6	9.8
SW		.4	2.0	2.0	.1						4.5	10.5
WSW	.2	.8	2.4	1.9	.1						5.4	9.8
W	.1	2.1	5.7	2.0							9.9	8.7
WNW	.7	3.3	2.9	.4							7.2	6.4
NW	.5	2.7	3.3	.1							6.7	6.6
NNW	.7	1.3	2.4	1.2							5.6	7.8
VARIABLE		.2	5.5	1.0							6.7	8.7
CALM	////////////////////////////////////										.8	////
TOTALS	6.9	27.9	48.9	15.1	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (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	.2	1.3	2.8	.8							5.1	7.7
NNE	.8	.7	2.3	.3							4.0	7.2
NE	.5	1.2	2.6	.4							4.8	7.3
ENE	.4	1.7	3.5	.5							6.2	7.6
E	.4	3.5	2.8	.3							7.1	6.5
ESE	.5	2.3	1.6								4.5	6.1
SE	.9	2.2	1.3								4.4	5.5
SSE	.9	3.1	4.3	.5							8.7	6.8
S	.3	2.6	6.9	2.3							12.0	8.6
SSW	.5	1.4	2.3	1.6							5.8	8.5
SW	.2	.5	1.3	1.2							3.3	9.3
WSW	.1	.4	1.4	1.4							3.4	10.2
W	.3	2.0	3.6	1.1							7.0	7.9
WNW	.7	2.5	3.6	.7	.1						7.5	7.1
NW	1.4	2.2	1.0	.2							4.8	5.0
NNW	.7	1.2	2.7	.5							5.1	7.5
VARIABLE	.2	4.4	.4								5.0	8.2
CALM	////////////////////////////////////										1.1	////
TOTALS	9.0	29.0	48.5	12.3	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.2	2.2	1.9	.4	.1						5.8	6.2
NNE	.5	3.0	1.8								5.3	6.1
NE	1.1	2.4	2.1	.3							5.9	5.9
ENE	1.4	2.6	1.9								5.9	5.4
E	2.8	2.4	.8								6.0	4.1
ESE	2.3	2.0	.1								4.4	3.4
SE	2.3	2.4	.8								5.5	4.1
SSE	2.0	3.0	1.5								6.5	5.0
S	3.5	5.3	2.8	.5							12.2	5.1
SSW	.5	2.8	2.4	1.0							6.8	7.2
SW	.3	1.4	1.6	.9							4.3	7.5
WSW	1.3	1.4	1.8	.2							4.7	5.8
W	2.0	1.9	2.2	.7							6.7	6.2
WNW	2.5	1.9	1.2	.1							5.7	4.7
NW	1.8	1.1	.7	.1							3.6	4.4
NNW	.1	1.3	.9	.3							2.6	6.4
VARIABLE			.3	.4							.7	11.1
CALM	////////////////////										7.4	2.0
TOTALS	25.7	37.0	24.6	5.0	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS: 913

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RAF BENTWATER UNITED KINGDOM REVISED UNIFORM SUMMARY

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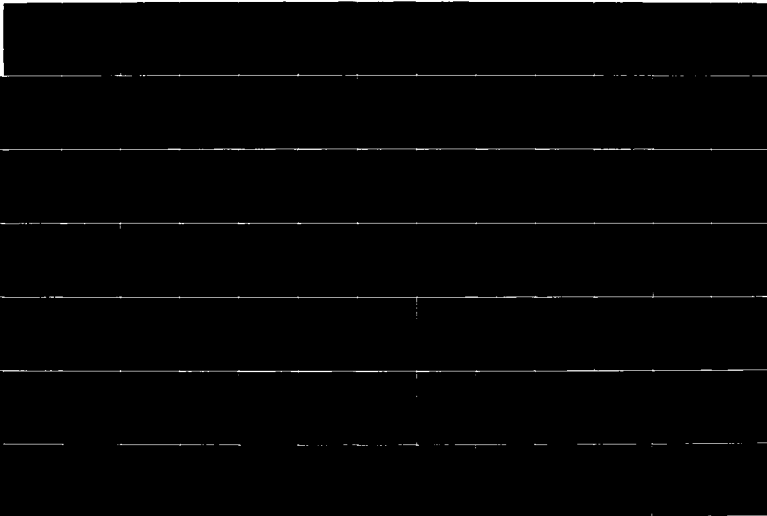
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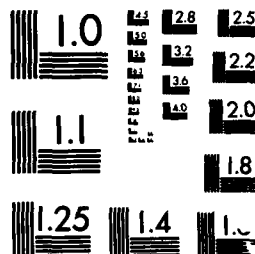
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	56-59		
N	1.5	2.0	.8	.4								4.7	5.4
NNE	2.0	2.3	.5									4.8	4.1
NE	1.5	1.2	.8	.2								3.7	4.9
ENE	1.2	1.1	.2									2.5	3.9
E	2.1	1.2	.1									3.4	3.3
ESE	1.5	.2	.4									2.2	3.4
SE	1.4	.3	.1									1.9	2.8
SSE	2.0	.5	.1									2.6	3.1
S	3.0	2.6	.2									5.8	3.7
SSW	1.8	1.0	3.1	.4								6.2	6.4
SW	1.2	2.8	2.1	.2								6.4	5.9
WSW	1.6	2.7	2.6	.1								7.1	5.6
W	3.2	2.7	2.1	.1								8.1	5.0
WNW	3.0	2.1	.7									5.7	3.7
NW	1.1	1.2	.5									2.8	4.4
NNW	1.1	.8	.4	.4								2.7	5.6
VARIABLE			.1	.2								.3	11.3
CALM	////////////////////											28.9	////
TOTALS	29.1	24.9	14.9	2.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: JUL HOURS(IST): ALL

DIRECTION (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	1.6	2.2	1.4	.3	.0						5.5	5.5
NNE	1.2	2.0	1.3	.1							4.6	5.5
NE	.9	1.4	1.5	.3							4.1	6.2
ENE	.7	1.3	1.5	.3							3.7	6.4
E	1.1	1.7	1.1	.2							4.0	5.3
ESE	.8	1.3	.6	.0							2.7	4.9
SE	1.0	1.2	.6	.0							2.8	4.7
SSE	1.1	1.6	1.5	.2							4.4	5.7
S	1.5	2.1	2.6	.7							6.9	6.5
SSW	.8	1.2	2.1	.8	.0						4.9	7.5
SW	.6	1.5	2.4	.9	.0						5.4	7.5
WSW	1.5	2.1	2.7	.9	.0						7.3	6.7
W	1.7	3.4	3.3	.7							9.0	6.3
WNW	2.1	3.0	2.1	.2	.0						7.4	5.3
NW	1.8	2.2	1.4	.2							5.6	5.1
NNW	1.1	1.6	1.4	.5	.0						4.7	6.3
VARIABLE	.0	.1	2.1	.5							2.8	8.8
CALM	////////////////////										14.2	////
TOTALS	19.5	29.8	29.5	6.9	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 7309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (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	2.8	2.7	.8	.2							6.5	4.2
NNE	.9	.8	.4								2.0	4.5
NE	.3	.2	.3								.9	4.9
ENE	.1	.1									.2	3.5
E	.6	.9	.8								2.3	5.0
ESE	.3	.8									1.1	4.1
SE	.3	.2									.5	3.2
SSE	.8	.4	.2	.1							1.5	4.9
S	1.4	.8	.8	.4	.1						3.4	5.8
SSW	1.5	1.4	1.9	.6							5.5	6.5
SW	1.5	1.7	1.4	1.3							5.9	6.7
WSW	1.5	5.5	3.0	.8							10.8	5.9
W	4.0	6.0	3.3	.6							14.0	5.4
WNW	4.3	1.7	1.1	.2	.1						7.4	4.0
NW	3.6	1.3	.2	.1							5.3	3.4
NNW	1.7	1.4	.3								3.4	3.9
VARIABLE				.1	.1						.2	14.5
CALM	////////////////////////////////////										29.1	////
TOTALS	25.6	25.4	14.6	4.5	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

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

DIRECTION (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	3.4	3.0	.8	.2							7.4	4.2
NNE	.4	1.1	.5								2.0	4.8
NE	.6	.2									.9	2.5
ENE	.1	.1									.2	4.5
E	.1	.5	.1								.8	5.1
ESE	.8	.4	.1								1.3	3.4
SE	.4	.3	.1								.9	4.0
SSE	1.1	.5	.2								1.8	3.7
S	2.6	1.0	.6	.1							4.3	4.2
SSW	2.0	1.9	1.3	.8							6.0	5.9
SW	1.5	2.2	1.5	1.2							6.3	6.5
WSW	3.1	2.9	2.7	.5							9.2	5.4
W	3.8	5.3	2.6	.8							12.4	5.3
WNW	3.0	2.8	.4	.1							6.3	3.9
NW	3.1	1.8	.4	.1							5.5	3.8
NNW	2.3	1.5	.4	.1							4.3	3.9
VARIABLE			.3	.1							.4	5.5
CALM	////////////////////////////////////										29.9	////
TOTALS	28.4	25.6	12.2	4.0							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (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	3.5	2.8	2.0	.3								8.7	4.8
NNE	1.3	1.0	1.1									3.3	4.9
NE	1.0	1.4	.5									2.9	4.4
ENE	.5	.2	.3									1.1	4.3
E	.6	.5	.6	.1								1.9	5.9
ESE	.4	.8	.2	.1								1.5	5.2
SE	.2	.5	.1	.1								1.0	4.9
SSE	.3	1.0	.4	.1								1.8	5.7
S	.6	1.3	1.8	.6								4.4	7.2
SSW	1.5	1.1	1.9	1.0								5.5	6.8
SW	1.7	2.7	2.3	1.2	.3							6.2	7.0
WSW	1.8	2.2	3.2	2.2	.1							9.5	7.5
W	2.9	4.5	3.7	.6								11.7	5.9
WNW	3.9	3.7	2.0	.3	.1							10.0	4.9
NW	3.0	2.0	2.0	.1								7.2	4.5
NNW	3.0	1.7	1.3	.1								6.1	4.5
VARIABLE			1.1	.1								1.2	9.1
CALM	////////////////////											14.0	////
TOTALS	26.5	27.2	24.7	7.0	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7R-87
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (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	1.2	3.0	2.2	.5							6.9	6.4
NNE	.4	1.5	2.7	.3							5.2	6.8
NE	.8	.4	1.4	.1							2.7	6.4
ENE	.7	.9	1.0	.1							2.7	5.8
E	.6	1.6	1.7	.5							4.5	6.7
ESE	.6	.4	.6								1.7	4.9
SE	.2	1.5	.2	.1							2.0	5.2
SSE	.6	1.5	1.6	.5							4.3	7.0
S	.6	1.9	2.9	1.8							7.3	8.0
SSW	.3	1.2	1.8	1.2	.4	.1					5.1	9.3
SW	.8	1.6	3.2	2.3	.4						8.3	8.8
WSW	.5	2.2	3.3	3.0	.4						9.5	9.5
W	1.3	3.0	3.4	3.1	.1						11.0	8.3
WNW	2.5	1.7	2.9	.4	.1						7.6	6.0
NW	1.4	2.9	3.3	.3							8.0	6.2
NNW	1.3	2.7	2.4	1.1							7.4	6.6
VARIABLE			2.2	.9							3.0	9.7
CALM	////////////////////////////////////										2.9	////
TOTALS	14.2	28.1	36.9	16.3	1.5	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 1200-1400

DIRECTION (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	.4	1.3	2.6	.8								5.1	7.7
NNE	.4	1.9	1.0	.4								3.4	6.4
NE		1.5	1.9	.1								3.5	7.4
ENE	.3	1.0	2.7	.4								4.4	8.0
E	.5	1.8	1.7	.4								4.5	6.4
ESE	.3	1.5	1.1									2.9	5.9
SE	.4	1.6	1.5									3.5	6.4
SSE	.1	2.2	3.0	.6								5.9	7.5
S	.6	2.0	6.2	3.8								12.7	9.0
SSW	.5	.8	2.8	1.8	.2							6.1	9.5
SW	.4	1.0	3.0	1.9	.5	.2						7.1	10.2
WSW	.5	1.2	2.2	2.9	.8							7.5	10.4
W	.8	2.2	3.9	3.0	.3							10.1	9.0
WNW	1.0	2.0	3.1	.6								6.8	7.2
NW	1.5	2.4	3.8	.1								7.7	6.2
NNW	.6	1.1	2.6	.1								4.4	7.0
VARIABLE		.4	2.0	.2	.1							2.8	9.0
CALM	////////////////////											1.1	////
TOTALS	8.6	25.4	45.1	17.3	1.9	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 76-87
MONTH: AUG HOURS(IST): 1500-1700

DIRECTION (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	.5	1.3	2.7	.3							4.8	7.0
NNE	.2	1.7	2.0	.4							4.4	7.0
NE	.1	.8	1.8								2.7	7.4
ENE	.2	2.3	2.3	.1							4.8	7.0
E	.4	2.8	3.0	.4							6.7	7.0
ESE	.3	2.8	1.0								4.1	5.6
SE	.3	2.8	1.8	.1							5.1	6.4
SSE	.3	2.0	2.7	.8							5.8	7.2
S	.9	3.1	6.5	3.3	.3						14.1	8.5
SSW	.4	1.3	4.3	1.8	.2						8.1	9.1
SW	.3	.6	1.4	2.6	.5	.1					5.6	11.2
WSW	.3	1.2	2.4	2.7	.4						7.0	10.0
W	.8	1.3	4.4	1.8		.1					8.4	9.0
WNW	1.0	2.5	3.5	.5							7.5	6.7
NW	.3	1.5	1.7								3.5	6.1
NNW	.4	1.7	2.2	.5							4.8	7.1
VARIABLE		.1	1.4	.4							1.9	8.9
CALM	////////////////////////////////////										.6	////
TOTALS	6.9	29.8	45.1	15.9	1.5	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 1800-2400

DIRECTION (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	2.7	2.4	1.9	.1								7.1	5.0
NNE	2.0	1.9	.8	.1								4.8	4.4
NE	1.2	1.4	.9	.1								3.6	4.9
ENE	.8	1.2	1.1	.1								3.1	5.6
E	2.5	2.3	.3	.2								5.3	3.7
ESE	1.5	.8	.6	.2								3.1	4.9
SE	1.8	1.6		.2								3.7	4.0
SSE	2.2	1.3	.8									4.2	4.1
S	3.5	3.1	2.7	.5	.1							10.0	5.4
SSW	1.6	2.7	3.9	1.9								10.1	7.4
SW	.5	1.5	3.3	2.5	.2							8.1	9.1
WSW	.4	1.4	1.3	.9								4.0	7.6
W	1.9	3.2	3.0	1.1								9.2	6.5
WNW	2.0	1.7	1.3	.1								5.2	4.8
NW	1.9	.8	.2	.4								3.3	4.4
NNW	.8	1.3	.6									2.7	5.0
VARIABLE			.2									.2	9.0
CALM	////////////////////											12.4	////
TOTALS	27.4	28.5	22.9	8.5	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	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	2.9	2.6	1.0									6.5	4.0
NNE	2.0	1.2	.3									3.5	3.6
NE	1.0	.3	.3									1.6	4.1
ENE	.5	.2	.2									1.3	3.9
E	.2	.8	.4	.1								1.5	5.9
ESE	.5	.4	.3	.1								1.4	5.0
SE	.8			.1	.1							1.3	5.7
SSE	1.4	.3	.5	.1								2.4	4.8
S	1.9	1.6	.5	.2								4.3	4.3
SSW	1.4	2.2	1.7	1.1								6.3	6.4
SW	1.8	3.7	2.6	1.5								9.6	6.7
WSW	1.3	3.4	3.5	.1								9.4	6.1
W	3.1	2.5	3.3	.8								9.7	5.8
WNW	2.6	1.4	1.1	.2								5.3	4.6
NW	1.8	.5	.6	.2								2.2	4.6
NNW	1.9	.9	.3	.1								3.2	4.0
VARIABLE			.3									.3	7.3
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	30.9	////
TOTALS	25.3	21.9	17.2	4.6	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	2.2	2.4	1.7	.3								6.6	5.3
NNE	1.0	1.4	1.1	.2								3.6	5.5
NE	.6	.8	.9	.0								2.3	5.7
ENE	.4	.7	.9	.1								2.2	6.4
E	.7	1.4	1.1	.2								3.4	5.9
ESE	.6	1.0	.5	.1								2.1	5.1
SE	.6	1.1	.5	.1	.0							2.2	5.4
SSE	.8	1.2	1.2	.3								3.5	6.1
S	1.5	1.9	2.0	1.4	.1							7.6	7.2
SSW	1.2	1.6	2.5	1.3	.1	.0						6.6	7.7
SW	1.1	1.9	2.3	1.8	.3	.0						7.4	8.2
WSW	1.2	2.5	2.7	1.6	.2							9.2	7.6
W	2.3	3.5	3.5	1.5	.1	.0						17.8	6.7
WNW	2.5	2.2	1.9	.3	.0							7.0	5.3
NW	2.1	1.7	1.6	.2								5.5	5.0
NNW	1.5	1.5	1.3	.3								4.6	5.4
VARIABLE		.1	.9	.2	.0							1.3	9.3
CALM	////////////////////											15.1	////
TOTALS	20.4	26.6	27.3	9.6	.8	.1						107.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS(LST): 0000-0400

DIRECTION (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	2.0	1.6	.7								4.2	4.1
NNE	1.4	.4	.2								2.1	3.3
NE	.2	.1	.2								.6	4.6
ENE	.3	.1	.3								.8	5.1
E	.4	.1	.2	.1							.9	5.3
ESE	.3	.6	.2								1.1	4.4
SE	.4	.6	.1								1.1	3.7
SSE	.8	.4	1.0	.3							2.6	6.6
S	2.0	.4	.9	.6							3.9	5.6
SSW	1.3	1.4	2.3	1.6	.4	.2					7.3	8.7
SW	2.3	3.2	3.7	1.2	.3						10.6	6.9
WSW	2.2	4.7	5.8	1.1	.1	.2					14.1	7.1
W	5.4	5.7	3.1	1.3							15.6	5.4
WNW	2.7	3.7	1.3	.3							8.2	4.9
NW	2.0	2.8	.9	.2							5.9	4.8
NNW	1.4	.3	.7								2.4	3.8
VARIABLE												
CALM	////////////////////										18.9	////
TOTALS	25.4	25.9	21.7	6.8	.9	.4					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.4	1.1	1.2								3.8	4.8
NNE	1.2	.4	.3								2.7	4.1
NE	.1		.1								.2	5.0
ENE		.2	.3								.6	6.4
E	.7	.6	.4								1.7	4.5
ESE	.3										.3	2.7
SE	.3	.4	.1								.9	4.4
SSE	.3	.4	.4	.2							1.4	6.8
S	1.6	1.6	.7	.4							4.2	5.5
SSW	.8	2.0	2.0	1.3	.2						6.3	8.0
SW	1.6	3.2	3.1	1.3	.1	.1					9.4	7.2
WSW	2.9	3.3	4.2	2.1	.3	.1					13.0	7.4
W	5.7	6.7	3.7	1.0	.3	.1					17.4	5.6
WNW	3.3	4.2	.6	.6							8.7	4.6
NW	.9	1.6	1.2								3.7	5.1
NNW	1.4	1.6	.6								3.6	4.3
VARIABLE												
CALM	////////////////////										22.8	////
TOTALS	22.6	27.3	19.0	7.0	1.0	.3					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 73-87
MONTH: SEP HOURS(151): 0607-0600

DIRECTION (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	2.0	1.4	1.3									4.7	4.6
NNE	.9	.9	.4	.1								2.3	5.2
NE	.4	.6	.3									1.3	4.6
ENE	.2		.4									.7	6.5
E	.6	.6	.7									1.9	5.1
ESE	.6	.2	.3									1.1	4.3
SE	.2	.3	.1	.2	.1							1.0	8.3
SSE	.3	1.0	.3		.1							1.8	5.3
S	.9	2.3	1.1	1.0								5.3	7.0
SSW	1.8	2.6	1.2	1.3								6.9	6.7
SW	1.2	2.9	2.9	.8	.2	.1						8.1	7.2
WSW	1.6	4.4	4.8	2.3	.6	.2						13.9	8.0
W	3.1	6.3	6.1	2.1	.6	.1						19.3	7.1
WNW	2.9	3.3	2.9	.4								9.6	5.4
NW	.7	2.7	1.6	.1								5.0	5.6
NNW	1.0	1.1	1.0									3.1	5.0
VARIABLE			.2									.2	9.0
CALM	////////////////////////////////////											14.8	////
TOTALS	18.3	30.7	25.8	8.4	1.6	.4						107.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-87
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (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	.4	2.0	1.6	.1	.1	.1					4.3	6.8
NNE	.6	1.4	.9	.2							3.1	6.0
NE	.2	.3	.7	.9							2.1	8.9
ENE		.4	1.1	.2							1.8	8.0
E	.4	.9	.2	.6							2.1	6.7
ESE	.2	1.0	.3	.4							2.0	7.1
SE	.3	.8	.7								1.8	5.8
SSE	.3	.9	1.6	.3	.2	.1					3.4	8.2
S	1.1	1.7	2.3	2.2	.2						7.6	8.5
SSW	.7	1.7	2.9	2.0	.9						8.1	9.7
SW	.3	1.7	3.7	2.3		.1					8.1	9.2
WSW	.4	2.2	4.7	2.7	.7						10.7	9.5
W	.7	3.9	7.8	4.3	.6	.3					17.4	9.3
WNW	1.3	2.0	3.9	1.8	.1	.1					9.2	8.1
NW	.9	2.3	3.1	.6							6.9	7.0
NNW	.2	1.6	2.8	.3							4.9	7.6
VARIABLE	.1	.4	2.1	.3	.3	.1					3.4	9.8
CALM	////////////////////////////////////										3.0	////
TOTALS	8.3	25.1	40.2	19.3	3.1	.9					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1200-1400

DIRECTION (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	56-60		
N	.8	2.2	2.0	.4	.2							5.7	7.0
NNE	.1	.3	1.2	.3								2.0	8.2
NE	.2	.8	.4	.4								1.9	7.2
ENE		.3	1.6	.9								2.8	9.3
E	.7	.9	1.2	.4								3.2	6.8
ESE	.3	.2	.8	.3								1.7	7.5
SE	.2	.8	1.1	.1								2.2	6.3
SSE	.2	2.1	3.9	.1								6.3	7.1
S	.4	1.8	5.7	2.4	.7	.2						11.2	9.7
SSW	.4	1.4	3.1	3.1	.4	.1						9.7	10.0
SW	.3	1.1	3.7	3.2	.1							8.4	10.0
WSW	.4	1.1	3.9	3.6	.6	.3	.1					10.3	10.9
W	1.0	2.1	4.3	4.3	1.0	.3						13.1	12.2
WNW	.6	2.0	4.6	1.7								8.8	8.3
NW	.9	1.0	1.8	.9								5.4	6.9
NNW	.2	1.8	.9	.3	.1							3.3	7.0
VARIABLE			3.0	1.0	.3		.1					4.4	10.8
CALM	////////////////////////////////////											.8	////
TOTALS	6.9	20.9	43.1	23.7	3.4	1.7	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.7	1.9	.8	.1							5.0	7.4
NNE	.7	.4	1.1									2.2	5.7
NE	.4	.9	1.1	.2								2.7	6.8
ENE	.3	.8	1.8	.4								3.3	7.4
E	.2	1.0	1.8	.1								3.1	6.9
ESE	1.1	.4	.6									2.1	4.5
SE	1.0	1.8	1.6	.1								4.4	5.5
SSE	.6	3.0	2.8	.4								6.8	7.0
S	1.2	3.8	6.3	1.4	.2							13.0	7.5
SSW	.2	2.4	4.2	3.4	.1							10.4	9.4
SW	.3	1.3	2.8	2.0	.2	.1						6.8	9.7
WSW	.6	1.6	3.0	1.4	.2							6.8	8.5
W	.9	2.7	5.4	3.2	.4	.2						12.9	9.2
WNW	1.0	1.9	4.0	1.7								8.6	8.0
NW	1.1	2.9	1.6	.6								6.1	6.0
NNW	.6	1.8	.8									3.1	5.4
VARIABLE		.1	.9	.4	.3	.3						2.1	13.1
CALM	////////////////////											.6	////
TOTALS	10.8	28.4	41.6	16.3	1.7	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LOCAL): 1800-2300

DIRECTION (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	2.1	2.0	.9	.3							5.3	4.6
NNE	1.1	1.3	.4	.1							3.0	4.6
NE	.9	1.0	.3	.2							2.4	4.8
ENE	.3	.4	.1								.9	4.5
E	1.8	1.2	.2	.1							3.3	4.0
ESE	1.4	1.1		.2							2.8	4.1
SF	1.7	.6	.6								2.9	3.9
SSE	3.6	1.7	.4	.2							5.9	3.7
S	3.4	2.6	2.1	1.1		.1					9.3	5.8
SSW	2.3	2.4	4.0	2.0	.3						11.1	7.7
SW	2.1	2.3	2.4	1.9	.1						8.9	7.4
WSW	2.2	2.4	2.0	1.0							7.7	5.9
W	2.8	3.0	2.8	1.4	.4						10.4	6.9
WNW	2.2	3.1	1.4	.3							7.1	5.2
NW	1.1	1.2	1.1	.2							3.7	5.8
NNW	.6	.4	.6	.1							1.7	5.5
VARIABLE			.2	.2	.1						.6	14.0
CALM	////////////////////////////////////										13.1	////
TOTALS	29.7	26.9	19.7	9.6	1.0	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.8	2.8	.8								5.3	4.4
NNE	.7	.8									1.4	3.7
NE	.4		.2								.7	4.2
ENE	.2	.1	.2								.6	4.6
E	.9	.4	.7	.1							2.1	5.1
ESE	.9	.8	.2								1.9	3.9
SE	1.1	.1	.4	.1							1.8	5.1
SSE	1.9	.8	.9	.1							3.7	4.5
S	2.6	1.4	1.3	1.0	.1	.2					6.7	6.6
SSW	1.3	1.0	2.6	1.0	.2	.1					6.2	8.0
SW	1.8	2.8	3.7	2.2							17.4	7.5
WSW	2.6	4.0	3.0	1.0	.2						17.8	6.5
W	4.1	4.1	3.9	2.0	.1						14.2	6.3
WNW	2.4	2.9	1.3	.2							6.9	4.8
NW	1.0	1.8	.8	.1							3.7	5.2
NNW	.6	1.3		.2							2.1	5.1
VARIABLE			.3								.3	9.0
CALM	////////////////////////////////////										21.2	////
TOTALS	24.2	25.1	20.3	8.1	.7	.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS/DAYS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	1.4	1.8	1.3	.2	.1	.0			4.8	5.5
NNE	.8	.9	.6	.1					2.3	5.1
NE	.4	.5	.4	.2					1.5	6.3
ENE	.2	.3	.7	.2					1.4	7.3
E	.7	.7	.7	.2					2.3	5.6
ESE	.7	.5	.3	.1					1.6	5.1
SE	.7	.7	.6	.1	.0				2.0	5.3
SSE	1.0	1.3	1.4	.2	.0	.0			4.0	6.1
S	1.7	1.9	2.6	1.3	.2	.1			7.7	7.4
SSW	1.1	1.9	2.8	2.0	.3	.1			8.1	8.6
SW	1.2	2.3	3.2	1.9	.1	.1			9.8	8.0
WSW	1.6	3.0	3.9	1.9	.3	.1	.0		10.9	7.9
W	3.0	4.3	4.6	2.5	.4	.1			14.9	7.4
WNW	2.1	2.9	2.5	.9	.0	.0			8.3	6.2
NW	1.1	2.1	1.5	.3					5.0	5.9
NNW	.7	1.2	.9	.1	.0				3.0	5.7
VARIABLE	.0	.1	.8	.2	.1	.1	.0		1.4	11.0
CALM	////////////////////////////////////								11.9	////
TOTALS	18.3	26.3	28.9	12.4	1.7	.5	.0		100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 0000-0200

DIRECTION (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	1.7	2.0	.1								3.9	3.6
NNE	.3	.2									.5	3.2
NE	.2										.2	2.5
ENE	.2	.3	.4	.1							1.1	6.2
E	1.1	.6	1.2	.8							3.7	6.7
ESE	.4	.9	.6	.3							2.3	6.6
SE	.6	.3	.9								1.8	5.8
SSE	.5	1.2	.3	.2							2.3	5.5
S	1.1	3.1	2.3	1.8	.2						8.5	7.5
SSW	1.0	1.4	4.2	2.2	.1						9.8	8.5
SW	1.5	2.4	2.8	1.5		.1					8.3	7.3
WSW	1.6	3.8	3.9	4.4	.4	.1					14.2	8.7
W	2.2	3.7	2.3	1.7		.1					9.9	6.8
WNW	1.4	1.6	1.3	.2							4.5	5.6
NW	1.7	1.7	1.0	.1							4.1	4.7
NNW	1.1	2.0	.6	.4							4.2	5.5
VARIABLE			.2								.2	9.5
CALM	////////////////////////////////////										21.6	////
TOTALS	16.7	24.8	22.0	13.8	.8	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(EST): 0300-0500

DIRECTION (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	2.2	2.2	.5									4.8	3.9
NNE	1.1	.4	.1									1.6	3.1
NE	.2	.2	.2									.6	5.2
ENE	.4	.1	.3									.9	5.3
E	.9	.4	.5	.6								2.5	6.7
ESE	.5	.3	.4	.3								1.6	6.1
SE	.5	.2	.1	.1								1.5	4.9
SSE	.5	1.5	.6	.1								2.8	5.4
S	1.3	2.3	3.9	1.6								9.9	7.4
SSW	.8	2.0	3.2	2.5				.1	.1			8.7	9.3
SW	1.7	2.0	2.6	1.9	.1				.1			4.5	8.2
WSW	2.9	3.5	2.9	1.7	.3							11.4	6.9
W	2.8	3.8	3.7	2.0	.5							12.4	7.3
WNW	1.1	1.5	1.5	.5								4.6	6.3
NW	1.6	1.5	1.4	.1								4.6	5.0
NNW	1.4	1.8	.4	.3								4.0	4.7
VARIABLE			.2	.1								.3	10.7
CALM	////////////////////											19.7	////
TOTALS	19.9	24.4	22.7	12.0	1.0			.1	.2			100.3	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (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	1.7	1.6	.9								4.2	4.7
NNE	.9	.5	.1								1.5	3.6
NE	.3	.2									.5	3.4
ENE	.2	.6	.2	.2	.2						1.5	8.0
E	.6	.9	.8	.3	.1						2.7	6.5
ESE	.5	1.2	.4	.2							2.4	5.7
SE	.5	1.0	1.0	.2							2.7	6.4
SSE	1.1	1.1	.5								2.7	4.3
S	1.0	2.2	4.0	2.2	.3						9.6	8.8
SSW	.5	2.0	3.1	2.0	.1					.1	8.7	9.2
SW	1.2	2.5	3.2	2.8	.2					.1	10.0	8.7
WSW	2.3	4.2	1.9	2.0						.1	17.5	7.2
W	2.8	3.5	4.7	3.1	.1						14.3	7.6
WNW	2.0	1.4	1.6	.2							5.3	5.4
NW	.6	2.5	.6	.2							4.0	5.5
NNW	1.3	2.7	.9	.2							5.1	4.8
VARIABLE			.2	.1							.3	10.0
CALM	////////////////////////////////////										14.8	////
TOTALS	17.6	28.1	24.2	13.9	1.1					.3	100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-47
MONTH: OCT HOURS(1511): 0900-1100

DIRECTION (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	1.2	2.8	1.4	.1	.1						5.6	5.4
NNE	.8	.4	.8	.2							2.2	6.4
NE	.1	1.0	.3	.1							1.5	5.7
ENE	.1	.3	.3	.5							1.3	8.8
E	.2	.6	1.3	.8							2.9	8.8
ESE	.5	.9	1.7	.2							3.3	7.0
SE	.3	1.4	1.8	.3							3.9	6.8
SSE	.3	1.6	1.7	.4							4.1	6.7
S	.5	1.7	4.4	2.4	1.5						17.5	10.5
SSW	.9	1.7	2.7	3.4	.4						9.1	9.8
SW	.5	1.7	4.1	4.4	.1						16.4	10.1
WSW	.4	1.9	3.1	2.9	.6	.3	.3				9.7	10.8
W	1.4	2.5	5.9	3.3	1.0	.2	.1				14.2	9.6
WNW	1.3	1.4	2.4	1.1	.1						6.2	7.5
NW	1.1	1.7	2.2	.5							5.5	6.7
NNW	.8	1.6	1.4	.2							4.7	6.1
VARIABLE			.6	.2							.9	9.8
CALM	////////////////////////////////////										4.7	////
TOTALS	10.4	22.7	36.1	21.2	3.9	.5	.4				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (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	1.2	1.2	1.9	.2							4.5	6.1
NNE	.3	1.5	1.3								3.1	6.0
NE	.1	.6	.8	.2							1.7	7.7
ENE	.2	.9	1.1	.1							2.3	6.8
E	.1	.6	1.8	.8							3.3	8.8
ESE		1.2	1.5	.5							3.2	8.1
SE	.4	.9	2.2	.4							3.9	7.5
SSE	.4	2.3	2.0	.4							5.2	6.7
S	.2	1.6	4.3	4.2	1.1	.3					11.7	10.9
SSW	.2	1.4	3.5	2.2	1.2	.2					8.7	10.9
SW	.3	1.7	3.8	4.3	.8						10.9	10.4
WSW	.4	1.3	2.9	3.2	1.0	.3					9.1	11.3
W	1.0	1.9	3.8	4.2	.8	.2					11.8	10.3
WNW	.4	1.2	3.0	1.6	.4						6.7	9.6
NW	.9	1.7	1.6	1.1	.1						5.4	7.3
NNW	.2	2.0	1.5	.5							4.3	7.1
VARIABLE		.2	1.2	.8							2.2	10.1
CALM	////////////////////////////////////										2.0	////
TOTALS	6.5	22.3	38.2	24.7	5.3	1.1					107.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.6	2.6	1.9	.2							6.3	5.4
NNE	.8	.9	.4								2.0	4.5
NE	.6	1.2	.2	.7							2.3	5.2
ENE	.6	1.1	.5	.1							2.4	5.2
E	.5	.6	2.5	.8							4.4	8.0
ESE	.4	1.1	1.1								2.6	6.0
SE	.2	1.6	1.1	.1							3.0	5.9
SSE	.6	1.7	1.4	.2							4.0	5.9
S	1.9	4.5	4.5	4.0	.3						15.3	8.2
SSW	1.4	2.7	4.0	2.3	.5	.2					11.1	8.6
SW	1.4	1.9	2.7	2.8	.6						9.5	8.8
WSW	.3	1.3	1.9	1.9	.5						6.0	10.0
W	1.0	2.4	4.9	3.8	.2						12.3	9.3
WNW	1.8	1.9	2.5	.2	.2						6.7	6.1
NW	.8	.9	1.0	.9							3.4	7.2
NNW	1.3	1.1	.9	.1							3.3	5.0
VARIABLE		.1	1.1	.2							1.4	9.3
CALM	////////////////////////////////////										4.1	////
TOTALS	15.4	27.5	32.6	17.7	2.5	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: OCT HOURS(IST): 1800-2000

DIRECTION (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	2.7	2.6	.4								5.7	3.5
NNE	.9	.2	.2	.1							1.4	4.6
NE	1.0	.2									1.2	2.4
ENE	.6	.1	.3								1.1	4.7
E	.5	1.2	1.8	.3							3.9	6.8
ESE	.5	.6	1.0	.3							2.5	6.5
SE	.6	.2	.4	.4							1.7	6.8
SSE	1.2	1.1	1.0	.2	.1						3.5	5.8
S	1.8	3.8	2.6	3.0	.1	.2					11.5	7.8
SSW	1.1	3.7	4.5	2.0	.5	.2					12.0	6.4
SW	1.4	1.7	4.1	1.3	.1	.2					8.8	8.0
WSW	1.7	3.0	2.5	1.4	.3						8.9	7.0
W	1.7	3.7	4.2	1.8	.1						11.5	7.1
WNW	.5	.6	.9	.2	.1						2.4	7.5
NW	.5	.2	.8	.5							2.0	7.4
NNW	1.3	1.6	1.2								4.1	4.9
VARIABLE			.1	.2							.3	10.3
CALM	////////////////////////////////////										17.4	////
TOTALS	18.2	24.5	25.9	11.9	1.4	.6					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (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	2.4	1.1	.6									4.1	3.9
NNE	.3	.2	.2									.8	4.6
NE	.3	.2		.1								.6	4.7
ENE	.1	.6	.2									1.0	5.2
E	.8	.5	1.2									2.5	6.0
ESE	.3	1.0	1.3	.8								3.3	7.8
SE	.4	.6	.8	.3								2.2	7.1
SSE	.9	1.1	.5	.3								2.8	6.0
S	1.5	1.7	1.3	2.2	.8							7.4	8.7
SSW	.9	2.2	4.3	2.4	.3	.1						17.1	8.6
SW	.9	2.7	3.4	2.5	.1	.2						9.8	8.5
WSW	1.1	4.3	3.5	2.7	.1	.2						11.9	8.3
W	2.7	3.0	3.8	1.4								10.2	6.9
WNW	.9	.9	1.1	.2								3.0	5.9
NW	.8	.8	1.1	.5								3.1	6.4
NNW	1.9	1.1	1.4	.2								4.6	5.2
VARIABLE			.1	.2								.3	11.7
CALM	////////////////////////////////////											22.3	////
TOTALS	15.4	21.9	24.8	13.8	1.3	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	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	1.8	2.0	1.0	.1	.0							4.9	4.6
NNE	.7	.6	.4	.0								1.6	4.9
NE	.4	.5	.2	.1								1.1	5.2
ENE	.3	.5	.4	.1	.0							1.4	6.3
E	.6	.7	1.4	.5	.0							3.2	7.4
ESE	.4	.9	1.0	.3								2.6	6.8
SE	.5	.8	1.0	.2								2.6	6.5
SSE	.7	1.4	1.0	.2	.0							3.4	5.9
S	1.2	2.6	3.4	2.7	.5	.1						17.4	8.8
SSW	.8	2.1	3.7	2.4	.4	.1		.0	.0	.0		9.6	9.1
SW	1.1	2.0	3.3	2.7	.3	.1			.0	.0		9.5	8.8
WSW	1.3	2.9	2.8	2.5	.4	.1	.0			.0		10.2	8.6
W	1.9	3.0	4.2	2.7	.3	.1	.0					12.1	8.2
WNW	1.2	1.3	1.8	.5	.1							4.9	6.9
NW	1.0	1.3	1.2	.5	.0							4.0	6.2
NNW	1.2	1.7	1.0	.3								4.2	5.4
VARIABLE		.0	.5	.2								.7	10.0
CALM	////////////////////////////////////											13.3	////
TOTALS	15.0	24.5	28.3	16.1	2.1	.4	.1	.7	.0	.0		100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: NOV HOURS(IST): 0000-0200

DIRECTION (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	1.6	.9	.5	.3							3.3	5.1
NNE	.6	.1	.1	.1							.9	4.6
NE	.5	.3	.6	.2	.1						1.7	7.6
ENE	.1	.1	.1	.9		.2					1.5	13.0
E	.2	.8	.7	.7	.1						2.5	8.3
ESE	.1	.1	.3	.6							1.1	9.7
SE	.6	.2	.3	.6							1.7	7.5
SSE	1.0	1.0	1.4	.6	.2						4.2	7.4
S	.5	2.7	3.2	2.4	.9	.3					9.2	10.2
SSW	.8	1.6	3.5	4.1	.6	.1					10.6	10.3
SW	1.4	2.8	3.4	3.0	.8						11.4	8.7
WSW	.9	3.8	2.6	3.8		.1					11.3	8.6
W	1.6	3.9	3.8	1.4							10.7	7.1
WNW	2.0	3.2	3.0	.3	.1						8.7	6.2
NW	1.5	1.6	1.2	.1							4.4	5.2
NNW	1.4	1.1	1.0	.3							3.8	5.9
VARIABLE			.2	.1							.3	11.3
CALM	////////////////////										12.8	////
TOTALS	14.5	23.6	25.9	19.5	2.8	.8					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0300-0500

DIRECTION (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	.9	1.4	.9	.2							3.4	5.9
NNE	.3	.2	.3	.2							1.1	7.0
NE	.6	.7	.1	.6							1.6	7.2
ENE	.3	.5	.2	.9	.5	.1					2.5	11.2
E		.3	.6	.3							1.2	8.5
ESE	.7	.3	.3	.2							1.6	6.1
SE	.3	.2	.3	.7							1.6	8.9
SSE	.5	.8	1.1	1.2							3.6	8.2
S	.6	1.8	2.0	1.8	.7	.1					7.8	9.4
SSW	.6	1.7	4.4	4.8	.6	.1					12.2	10.6
SW	.5	2.7	3.7	2.0	.7	.1					9.7	9.2
WSW	1.7	3.0	4.4	3.2		.2					12.5	8.3
W	1.6	4.5	3.5	1.4	.2	.1					11.3	7.2
WNW	1.8	2.6	1.8	1.1							7.3	6.3
NW	1.6	1.7	1.8	.9							6.0	6.5
NNW	1.0	1.4	.3	.2							2.9	5.1
VARIABLE			.2								.2	9.5
CALM	////////////////////										13.6	////
TOTALS	12.8	23.4	26.9	19.8	2.6	.8					107.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035962 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0600-0600

DIRECTION (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	.8	2.0	.9	.5							4.2	6.0
NNE	.6	.6	.5	.1	.1						1.8	6.1
NE	.2	.2	.2	.2							.9	6.8
ENE	.1	.5	1.1	.8	.2	.1					2.8	10.7
E	.2	.6	.9	.5		.1					2.3	8.7
ESE	.5	.3	.7	.3							1.8	6.6
SE	.5	.5	.5	.7							2.0	7.9
SSE	.1	.7	1.5	.7							2.9	8.3
S	.2	1.0	1.9	2.7	.3	.2					6.4	11.1
SSW	.6	1.2	3.5	4.9	.7						10.8	10.9
SW	.9	2.4	4.2	4.0	.3						11.7	9.4
WSW	1.2	2.1	4.1	2.5							9.9	8.0
W	2.1	4.3	3.7	2.3	.2						12.6	7.3
WNW	1.7	1.9	1.6	1.0							6.2	6.4
NW	2.8	1.7	2.0	.5							7.0	5.3
NNW	.7	1.5	.9	.2	.1						3.4	6.3
VARIABLE			.2	.1	.1						.5	13.5
CALM	////////////////////										12.6	////
TOTALS	13.2	21.4	28.3	21.8	2.1	.5					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0900-1100

DIRECTION (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	1.1	1.4	1.9	.1								4.5	5.8
NNE	.8	.8	.1									1.7	3.7
NE	.2	.6	.2	.6								1.6	7.9
ENE	.2	.5	1.2	.2	.3	.1						2.6	9.9
E	.6	1.1	.8	1.0								3.5	7.8
ESE	.3	.2	.6	.3								1.5	7.1
SE	.3	.5	.8	.2								1.8	7.3
SSE	.6	1.0	1.2	1.6								4.4	8.4
S	.5	1.5	2.1	2.8	.2							7.1	9.5
SSW	.1	1.1	2.9	5.2	.8							10.2	11.7
SW	.6	1.5	5.0	5.1	.8							12.9	10.4
WSW	.9	2.5	3.4	3.5	.2							10.5	9.1
W	.5	3.2	3.4	4.2	.5	.1						11.8	9.5
WNW	1.2	1.7	1.8	1.7	.1							6.6	8.1
NW	1.7	2.7	1.7	1.5	.1	.1	.1					7.9	7.6
NNW	.9	1.7	2.1	.1								4.9	6.2
VARIABLE			.3	.3	.2							.9	12.3
CALM	////////////////////											5.7	////
TOTALS	10.5	21.8	29.8	28.5	3.3	.3	.1					130.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (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	.8	2.5	2.3	.3								5.9	6.3
NNE	.9	.6	.6									2.0	4.8
NE		.3	.9	.2								1.5	8.2
ENE	.6	.3	.6	1.0	.3	.2						3.1	10.4
E	.1	1.4	1.1	.7								3.3	8.0
ESE		.6	.3	.3								1.2	7.8
SE	.2	.5	1.0	.5								2.2	8.4
SSE	.5	.7	1.6	1.2	.1							4.1	9.1
S	1.5	1.5	2.7	2.0	.5							6.2	8.5
SSW	.5	1.9	2.8	5.4	1.4	.2						12.3	11.3
SW	.5	1.5	3.6	4.3	.8							10.7	10.5
WSW	.2	1.0	3.4	3.4	.8							8.9	11.0
W	.6	1.9	3.7	4.7	.6							11.5	10.4
WNW	.8	2.0	2.3	2.5	.2							7.8	8.7
NW	.7	2.2	2.7	1.4								6.9	7.8
NNW	.5	3.5	1.8	1.0	.1							6.9	7.1
VARIABLE			.6	.5								1.0	10.7
CALM	////////////////////											2.6	////
TOTALS	8.2	22.4	32.1	29.5	4.8	.5						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: NOV HOURS(IST): 1500-1700

DIRECTION (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	2.6	2.8	1.6	.8	.1							7.9	5.8
NNE	.7	.3	.2									1.2	3.9
NE	.2	.3	.6	.2								1.4	7.1
ENE	.2	1.1	.8	.5	.1	.3						3.1	9.3
E	.6	1.2	1.0	.2	.1							3.2	6.9
ESE	.3	.3	.3	.2								1.2	7.2
SE	.2	.2	.6	.6								1.6	9.0
SSE	1.2	.5	1.6	.9								4.2	7.6
S	.9	3.3	2.3	2.6	.5							9.5	8.4
SSW	1.1	2.3	3.5	4.5	.5	.2	.1					12.2	9.7
SW	1.0	1.7	4.0	3.2	1.0							11.3	9.7
WSW	.7	1.7	3.9	3.3		.1						9.6	9.6
W	.8	2.7	2.7	2.7	.1	.1						9.5	8.3
WNW	1.5	2.7	2.8	.5	.1							7.6	6.6
NW	1.5	2.7	1.1	.9		.1						5.8	6.5
NNW	1.2	1.8	1.1	.1								4.3	5.2
VARIABLE			.6	.3								.9	17.8
CALM	////////////////////											6.3	////
TOTALS	14.9	25.3	29.1	20.9	2.5	.9	.1					103.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENIWATERS UNITED KINGDOM

PERIOD OF RECORD: 74-87
MONTH: NOV HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	2.3	1.9	.6							7.4	5.5
NNE	.8	1.2	.1								2.4	4.1
NE	.1	.5	.6								1.1	6.0
ENE	.5	.6	.1	.3	.2	.2					1.9	10.1
E	.2	1.1	1.1	.8	.1	.1					3.5	8.7
ESE	.1	.3	.2	.5							1.4	7.5
SE	.7	.1	.6	.8	.1						2.3	8.5
SSE	1.0	.9	.9	.9							3.7	7.4
S	1.6	2.0	3.2	2.8	.3	.2	.1				10.3	9.0
SSW	.9	1.7	3.2	4.0	.7	.1					10.6	9.9
SW	1.1	1.9	4.8	3.3	.2						11.4	8.9
WSW	.7	1.5	3.3	3.4							8.9	9.3
W	1.2	2.6	3.6	1.9	.3						9.8	8.0
WNW	2.3	2.0	2.6	1.0		.1					9.1	6.7
NW	1.2	1.8	1.1	.1							4.3	5.3
NNW	1.0	.9	1.0		.1						3.1	5.7
VARIABLE			.1	.5	.1						.7	13.0
CALM	////////////////////////////////////										9.3	////
TOTALS	16.3	21.8	28.5	20.9	2.3	.8	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: NOV HOURS(IST): 2100-2300

DIRECTION (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	1.7	1.5	.6	.8							4.5	5.6
NNE	.7	.6		.2							1.5	5.2
NE	.6	.7	.2	.2							1.7	5.7
ENE	.3	.1	.6	1.0		.3					2.4	12.2
E	.5	1.0	.6	.6	.2						2.9	8.0
ESE	.6	.5	.6	.1							1.7	5.4
SE	.2	.5	.8	.8							2.3	9.2
SSE	.6	.7	1.1	.9	.1						3.4	8.2
S	1.0	1.2	3.5	2.5	1.0						9.3	9.7
SSW	1.0	2.2	2.9	4.1	.6						10.8	9.7
SW	.6	3.3	3.3	4.1	.7						11.9	9.4
WSW	.6	2.6	2.9	3.6							9.8	9.2
W	1.4	3.6	3.2	1.7							9.9	7.0
WNW	1.7	1.9	2.9	.7							7.3	6.3
NW	2.2	1.2	1.1	.5							5.0	5.3
NNW	1.4	1.6	1.2	.6							4.8	5.9
VARIABLE			.1	.2							.3	10.3
CALM	////////////////////////////////////										10.8	////
TOTALS	14.9	23.1	25.7	22.6	2.6	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: NOV HOURS(IST): ALL

DIRECTION (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	1.5	1.8	1.3	.5	.0							5.1	5.8
NNE	.7	.6	.2	.1	.0							1.6	4.9
NE	.3	.4	.4	.3	.7							1.4	7.1
NNE	.3	.5	.6	.7	.2	.2						2.5	10.7
E	.3	.9	.8	.6	.1	.7						2.8	8.1
ESE	.4	.7	.4	.3								1.4	7.0
SE	.4	.3	.6	.6	.0							1.9	8.3
SSE	.7	.8	1.3	1.0	.1							3.8	8.1
S	.8	1.8	2.7	2.5	.6	.1	.0					8.5	9.4
SSW	.7	1.7	3.4	4.6	.7	.1	.0					11.2	10.5
SW	.8	2.2	4.0	3.6	.7	.7						11.4	9.5
WSW	.9	2.3	3.5	3.3	.1	.1						10.2	9.1
W	1.2	3.4	3.5	2.4	.2	.0						12.7	8.1
WNW	1.6	2.3	2.4	1.1	.1	.7						7.4	6.9
NW	1.6	1.9	1.6	.7	.0	.0	.7					5.9	6.3
NNW	1.0	1.7	1.2	.3	.0							4.3	6.0
VARIABLE			.7	.3	.1							.6	11.5
CALM	////////////////////////////////////											9.2	////
TOTALS	13.2	22.9	28.3	22.9	2.9	.6	.7					100.7	7.6

TOTAL NUMBER OF OBSERVATIONS: 7072

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0000-0200

DIRECTION (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	.7	.8	.8	.9								3.1	7.8
NNE		.2	.2	.1								.6	7.8
NE		.2	.2									.4	7.5
ENE		.3	.3	.3								1.0	9.3
E	.4	.3	.9	.6								2.2	7.8
ESE	.3	.6	.3	.2	.1	.1						1.7	8.4
SE	.1	.9	1.8	1.0	.1	.1						4.0	9.7
SSE	.3	1.4	1.1	1.4	.7							5.0	9.9
S	1.2	2.7	1.8	4.3	.3	.2						17.5	9.7
SSW	1.0	2.2	2.9	5.8	.7	.2	.1					12.9	10.7
SW	.6	2.0	5.0	2.4	1.0	.1						11.1	9.6
WSW	.8	2.3	3.4	3.8	.7	.3						11.3	9.8
W	1.1	2.9	3.7	2.4	.9	.1						11.1	8.8
WNW	.4	2.1	1.9	1.4	.2							6.1	8.2
NW	.6	2.2	1.4	1.1	.1							5.4	7.3
NNW	.7	1.1	.7	.2								2.7	5.6
VARIABLE				.3	.7	.4						1.4	19.0
CALM	////////////////////											9.5	////
TOTALS	8.2	22.3	26.4	26.4	5.4	1.7	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 335963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.2	1.0	1.3	1.4								4.0	8.8
NNE		.9	.1		.3							1.3	9.8
NE			.6									.6	8.4
ENE		.1	.2	.2								.6	9.2
E	.1	.7	.7	.4								1.9	8.0
ESE	.1	.6	.8	.8								2.2	9.1
SE	.3	1.2	1.1	.2								2.9	6.8
SSE	.2	2.0	1.1	1.1	.6							5.0	8.8
S	1.3	1.7	2.4	4.4	1.3							11.2	10.6
SSW	.7	1.1	6.2	4.5	.4							13.0	12.1
SW	.6	2.7	4.0	2.9	.3	.1		.3				10.9	10.1
WSW	1.1	2.5	3.9	2.0	1.1	.2						10.9	9.4
W	1.6	3.1	4.1	4.2	.7							13.6	9.0
WNW	.6	1.9	2.0	.7	.2							5.3	7.6
NW	1.2	1.3	1.3	1.3	.1							5.0	7.1
NNW	.7	.9	.6	.4								2.5	6.5
VARIABLE			.2	.2	.2	.1						.8	16.0
CALM	////////////////////											9.5	////
TOTALS	8.6	21.6	30.6	24.6	5.3	.4		.3				100.0	9.5

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	1.0	1.2	1.7	.7		.1					4.6	7.2
NNE	.3	.2	.1		.1						.8	5.9
NE		.3		.1	.1						.6	9.2
ENE	.2	.2	.2								.7	5.8
E	.1	1.2	.6	.3							2.2	7.5
ESE	.1	.3	.7	1.1							2.2	10.3
SE	.4	1.0	1.4	.3							3.2	7.3
SSE	.7	1.8	1.2	1.3	.6	.2					5.7	9.3
S	.7	.7	2.8	3.4	.9	.1					8.5	11.3
SSW	.3	2.6	5.1	5.7	.6	.2					14.5	10.4
SW	.8	2.2	3.7	2.2	.4						9.4	8.9
WSW	.3	1.7	4.1	2.8	1.1		.1	.1			10.1	10.7
W	1.4	4.2	4.8	2.8	.7	.2	.1				14.2	8.8
WNW	1.3	1.7	1.9	1.1							5.9	7.0
NW	1.2	1.4	1.5	.7	.1						5.0	6.8
NNW	.2	.4	.7	.3							1.7	7.5
VARIABLE		.1	.4	.7	.2	.1					1.5	12.9
CALM	////////////////////										9.4	////
TOTALS	9.1	21.2	30.8	23.4	4.7	1.0	.2	.1			107.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0900-1100

DIRECTION (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	.4	1.2	1.2	.3							3.1	6.7
NNE	.1	.4	.2								.8	5.6
NE	.1	.3	.4	.1	.2	.1					1.3	10.3
ENE	.1	.3	.4	.2							1.1	7.6
E	.1	.7	.8	.3							1.9	7.5
ESE		.3	.8	.5							1.6	9.8
SE	.2	.8	.9	1.7	.2	.2					4.0	11.0
SSE	.4	.9	2.2	1.6	.1	.3					5.5	10.0
S	.3	1.5	2.9	4.7	.9	.5	.1				11.0	12.1
SSW	.7	2.0	4.8	5.0	.9	.2	.1				13.6	10.6
SW	.8	1.7	4.1	2.2	.4	.2					9.4	9.5
WSW	.9	1.4	5.1	4.5	.7	.2	.1				12.8	10.3
W	.4	2.0	5.2	3.5	.8	.3					12.2	10.2
WNW	.9	1.4	1.5	1.4							5.2	7.8
NW	1.3	1.7	2.5	1.5	.1						7.2	7.7
NNW	.1	.7	1.3	.2							2.3	7.5
VARIABLE			.3	.1		.1					.5	12.0
CALM	////////////////////										6.5	////
TOTALS	6.8	17.3	34.6	27.9	4.2	2.3	.3				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.5	.7	1.7	.3								3.3	6.8
NNE	.2	.2	.2	.2								.9	6.9
NE		.1	.3	.4	.3							1.2	13.1
ENE		.4	.4	.2								1.1	7.7
E		1.0	1.9	.9								3.7	8.7
ESE	.2		.6	.4								1.5	8.8
SE		.3	.9	2.1								3.3	10.8
SSE	.2	.5	1.6	1.9	.4							4.7	10.5
S	.4	1.7	2.1	4.6	1.2	.4						10.0	12.0
SSW	.4	1.1	4.4	5.4	1.0	.1	.3					12.7	11.6
SW	.2	2.1	4.6	3.1	.7	.1						10.7	9.8
WSW	.5	.9	3.9	3.5	.8	.4						10.0	11.3
W	.4	2.3	6.3	5.0	.9	.5						15.5	10.7
WNW	.8	1.9	3.1	1.1								6.8	7.9
NW	.7	1.1	3.6	1.3	.2							6.9	8.6
NNW	.2	.3	.9	1.1	.3							2.8	10.8
VARIABLE			.3	.7	.1	.3						1.4	14.8
CALM	////////////////////////////////////											3.6	////
TOTALS	4.9	14.2	37.0	32.1	5.9	2.2	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.5	.7	1.5	.2								2.9	6.6
NNE	.3	.1	.3									.8	5.7
NE	.1	.2	.4		.2							1.0	9.3
ENE			.7	.1								.8	9.7
E	.2	.4	1.2	.4								2.3	8.1
ESE	.2	.3	.5	1.7								2.8	10.3
SE	.1	.7	1.2	1.6								3.6	9.7
SSE	.3	.9	1.6	1.5	.3	.2						4.9	10.8
S	.5	2.4	2.5	4.8	.4							10.7	10.1
SSW	1.3	2.0	3.7	4.8	.3	.3						12.4	10.0
SW	1.2	2.9	3.5	2.5								10.1	8.1
WSW	1.0	2.7	4.0	2.7	.2	.5						11.2	9.2
W	1.0	2.6	4.0	4.7	.7	.2						13.2	9.8
WNW	.9	1.4	2.8	.9								6.0	7.5
NW	1.0	1.5	2.3	1.0	.1							5.9	7.3
NNW	.4	1.3	1.3	.8	.2							4.0	7.8
VARIABLE				.4	.3							.8	16.1
CALM	////////////////////											6.6	////
TOTALS	9.2	20.2	31.7	28.2	2.8	1.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2000

DIRECTION (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	.8	.9	.7	.2							2.5	5.5
NNE	.1	.3	.2	.1							.8	6.7
NE	.1	.1	.3	.2		.1					.9	10.1
ENE		.1	.4								.5	7.6
E	.2	.3	1.2	.7							2.4	8.5
ESE		.1	.8	1.2							2.1	11.4
SE	.2	.7	1.9	1.6							4.4	9.8
SSE	.5	.5	1.0	.9		.2	.1				3.3	9.9
S	.8	2.0	3.6	4.8	1.0		.1				12.2	10.5
SSW	.7	2.5	5.1	4.5	.5	.2					13.5	9.7
SW	.2	2.2	4.4	2.8	.3						9.9	9.3
WSW	.8	3.5	4.1	2.0	1.1	.1					11.5	9.1
W	1.4	2.1	4.4	2.6	.5	.4	.1				11.5	9.5
WNW	1.1	2.1	2.6	.8							6.5	6.9
NW	.8	1.4	2.2	.8							5.1	7.5
NNW	1.1	1.0	1.1	.5							3.7	6.6
VARIABLE	.1		.1	.4	.1						.8	12.9
CALM	////////////////////////////////////										8.4	////
TOTALS	8.9	19.7	34.0	24.1	3.6	1.1	.3				107.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.3	.9	.3	.4	.1				2.1	7.3
NNE		.1	.4	.1					.7	9.2
NE		.7	.1	.1					.4	7.8
ENE		.1	.5						.7	7.8
E		.3	.5	.4					1.3	9.3
ESE	.2	.5	.5	.5					1.9	8.1
SE	.3	1.1	1.4	2.0			.3		5.1	10.6
SSE	.5	.5	1.0	1.7	.2				4.0	10.1
S	1.3	2.3	2.0	4.7	.5	.3			11.1	10.1
SSW	1.3	2.3	5.2	4.5	.8	.3			14.4	9.8
SW	.2	2.6	3.7	2.8	.8	.1			10.2	9.8
WSW	1.0	2.6	3.2	2.6	.5	.3			10.2	9.5
W	1.1	3.3	4.1	2.9	.8	.5			12.7	9.6
WNW	.8	1.6	2.5	1.2					6.1	7.3
NW	.3	1.7	2.2	1.1					5.3	7.8
NNW	1.3	2.0	.9						4.1	4.9
VARIABLE	.3		.4		.1	.3	.1		1.3	13.8
CALM	////////////////////////////////////								8.9	////
TOTALS	9.0	22.2	25.1	25.2	3.8	2.7	.4		100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (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	.9	1.1	.6	.0	.0						3.2	7.2
NNE	.1	.3	.2	.1	.1							.6	7.3
NE	.0	.2	.3	.1	.1	.0						.8	10.0
ENE	.0	.2	.4	.1								.8	8.1
E	.2	.6	1.0	.5								2.2	9.2
ESE	.2	.3	.7	.8	.0	.0						2.0	9.6
SE	.2	.8	1.3	1.3	.0	.0	.0					3.8	9.6
SSE	.4	1.1	1.4	1.4	.4	.1	.0					4.8	9.9
S	.8	1.8	2.5	4.5	.8	.2	.0					10.6	10.8
SSW	.8	2.0	4.7	5.0	.6	.2	.1					17.4	10.3
SW	.6	2.3	4.1	2.6	.5	.1		.0				10.2	9.4
WSW	.8	2.2	4.0	3.0	.8	.3	.0	.0				11.0	9.9
W	1.1	2.8	4.6	3.5	.7	.3	.0					13.0	9.6
WNW	.8	1.8	2.3	1.1	.1							6.0	7.5
NW	.9	1.6	2.1	1.1	.1							5.7	7.6
NNW	.6	1.0	.9	.5	.1							3.0	7.0
VARIABLE	.1	.0	.2	.4	.2	.7	.0					1.1	14.9
CALM	////////////////////////////////////											7.6	////
TOTALS	8.1	19.8	31.8	26.5	4.5	1.5	.2	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 73.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: G35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	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	1.5	2.2	1.9	.7	.0	.0	.0					6.3
NNE	.8	1.2	1.3	.5	.1	.0	.0					3.7
NE	.5	.9	1.3	.6	.0	.0						3.4
ENE	.4	.9	1.2	.7	.1	.0						3.3
E	.6	1.1	1.2	.6	.1	.0						3.7
ESE	.5	.8	.7	.4	.0	.0						2.4
SE	.7	1.0	.8	.4	.0	.0	.0					2.9
SSE	.8	1.4	1.6	.6	.1	.0	.0					4.5
S	1.2	2.0	2.7	1.9	.3	.1	.0					9.1
SSW	.8	1.6	2.8	2.3	.4	.1	.0	.0	.0	.0		7.9
SW	.8	1.8	2.8	2.0	.3	.0	.0	.0	.0	.0		7.7
WSW	1.0	2.1	2.7	1.8	.3	.1	.0	.0		.0		8.0
W	1.5	3.7	3.5	2.2	.3	.1	.0	.0				10.6
WNW	1.4	1.9	1.8	.7	.1	.0	.0					6.0
NW	1.2	1.6	1.5	.5	.0	.0	.0					5.0
NNW	1.0	1.5	1.3	.5	.1	.0	.0	.0				4.4
VARIABLE	.0	.0	.8	.3	.1	.0	.0					1.3
CALM	////////////////////////////////////										10.8	////
TOTALS	14.9	25.0	29.9	16.5	2.3	.5	.1	.0	.0	.0	100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 87161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): 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 (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	2.1	2.7	2.4	.8	.0	.7	.0					8.0	6.1
NNE	1.1	1.9	1.7	.7	.2	.0	.0					5.6	7.1
NE	.8	1.3	1.4	.7	.0	.0						4.2	7.0
ENE	.6	1.0	1.1	.6	.1	.7						3.5	7.5
E	.8	1.3	1.5	.4	.0							4.1	6.7
ESE	.8	.9	.8	.5	.0	.0						3.0	6.6
SE	1.0	1.5	1.1	.5	.1	.7	.0					4.3	6.6
SSE	1.1	1.9	2.0	.8	.1	.0	.0					5.9	6.9
S	1.3	2.1	2.5	2.3	.4	.1						8.7	8.8
SSW	.7	1.6	2.9	2.7	.5	.1	.0					8.6	9.9
SW	.8	1.5	2.3	1.8	.2	.0	.0					6.5	8.6
WSW	1.0	1.7	1.6	.5	.0	.0						4.9	6.6
W	1.4	2.0	1.2	.4	.0	.0		.0				5.7	5.9
WNW	1.3	1.7	.8	.3	.0	.7						3.6	5.4
NW	1.2	1.3	.9	.3	.0							3.4	5.6
NNW	1.2	1.5	1.4	.4	.0							4.5	5.9
VARIABLE	.0	.0	.5	.3	.1	.7						.9	11.3
CALM	////////////////////////////////////											14.9	////
TOTALS	17.3	25.5	25.8	14.0	1.8	.5	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 17796

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "1" 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 SUPPRESSED 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	-	6/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
OBSCUDED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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 3
NO CEIL	I		28.2	30.2	33.3	34.6	35.1	35.9	36.6	37.3	38.4	38.6	38.7	38.7	38.8	39.0	39.2
GE 20000	I		29.8	31.9	35.5	36.8	37.4	38.1	38.9	39.5	40.6	41.0	41.1	41.1	41.2	41.4	41.4
GE 18000	I		29.8	31.9	35.8	37.1	37.6	38.4	39.1	39.8	40.8	41.2	41.3	41.3	41.4	41.6	41.6
GE 16000	I		29.8	31.9	35.8	37.1	37.6	38.4	39.1	39.8	40.8	41.2	41.3	41.3	41.4	41.6	41.6
GE 14000	I		29.8	31.9	35.6	37.1	37.6	38.4	39.1	39.8	40.6	41.2	41.3	41.3	41.4	41.6	41.6
GE 12000	I		29.8	31.9	35.8	37.1	37.6	38.4	39.1	39.8	40.8	41.2	41.3	41.3	41.4	41.6	41.6
GE 10000	I		30.6	32.9	37.1	38.4	38.9	39.7	40.4	41.1	42.1	42.5	42.6	42.6	42.7	42.9	42.9
GE 9000	I		30.6	32.9	37.1	38.4	38.9	39.7	40.4	41.1	42.1	42.5	42.6	42.6	42.7	42.9	42.9
GE 8000	I		32.7	35.3	39.9	41.2	41.7	42.5	43.6	44.2	45.3	45.6	45.7	45.7	45.8	46.0	46.0
GE 7000	I		33.6	36.2	40.7	42.0	42.6	43.3	44.4	45.1	46.2	46.5	46.6	46.6	46.7	46.9	46.9
GE 6000	I		33.6	36.2	40.7	42.0	42.6	43.3	44.4	45.1	46.2	46.5	46.6	46.6	46.7	46.9	46.9
GE 5000	I		34.9	37.7	42.7	44.0	44.5	45.8	46.9	47.6	48.6	49.0	49.1	49.1	49.2	49.4	49.4
GE 4500	I		36.0	38.9	43.9	45.2	45.7	47.0	48.1	48.8	49.8	50.2	50.3	50.3	50.4	50.6	50.6
GE 4000	I		40.1	43.2	49.1	50.5	51.1	52.8	53.8	54.5	55.6	55.9	56.0	56.0	56.1	56.3	56.3
GE 3500	I		41.2	44.4	50.8	52.7	53.3	55.4	56.4	57.1	58.2	58.5	58.6	58.6	58.7	58.9	58.9
GE 3000	I		46.9	51.2	58.5	60.9	61.8	64.5	65.9	66.5	67.9	68.3	68.4	68.4	68.5	68.7	68.7
GE 2500	I		47.6	51.9	59.9	62.7	63.6	66.4	67.8	68.6	70.0	70.3	70.4	70.4	70.5	70.7	70.7
GE 2000	I		50.1	54.9	63.5	66.7	67.7	71.2	72.7	73.5	75.1	75.3	75.4	75.4	75.5	75.7	75.7
GE 1800	I		50.3	55.5	64.1	67.8	68.8	72.3	73.8	74.5	76.2	76.5	76.6	76.6	76.7	76.9	76.9
GE 1500	I		51.6	56.9	66.1	71.5	72.7	76.2	78.1	78.9	80.6	80.9	81.0	81.0	81.1	81.4	81.4
GE 1200	I		52.1	57.9	68.1	74.1	75.3	78.9	80.8	81.6	83.3	83.6	83.7	83.7	83.9	84.1	84.1
GE 1000	I		52.1	58.2	69.0	75.4	77.4	81.4	83.4	84.2	85.9	86.2	86.3	86.3	86.5	86.7	86.7
GE 900	I		52.3	58.5	70.0	76.5	78.4	82.9	85.3	86.0	87.8	88.1	88.2	88.2	88.3	88.5	88.5
GE 800	I		52.4	58.6	70.2	76.7	78.7	83.2	85.7	86.5	88.2	88.5	88.6	88.6	88.7	88.9	88.9
GE 700	I		52.7	58.9	71.0	78.1	80.4	85.2	88.1	88.8	90.6	90.9	91.1	91.1	91.2	91.4	91.4
GE 600	I		52.7	59.0	71.4	78.9	81.3	86.1	89.2	89.9	91.7	92.0	92.2	92.2	92.4	92.6	92.6
GE 500	I		52.7	59.0	71.7	79.4	81.9	86.9	90.2	91.3	93.4	93.7	93.9	93.9	94.3	94.6	94.6
GE 400	I		52.7	59.2	71.8	79.5	82.1	87.2	90.8	91.9	94.1	94.7	95.1	95.1	95.7	96.1	96.1
GE 300	I		52.7	59.2	71.8	79.5	82.1	87.2	91.1	92.6	95.1	95.7	96.1	96.2	96.7	97.3	97.9
GE 200	I		52.7	59.2	71.8	79.5	82.1	87.2	91.1	92.6	95.1	95.7	96.6	96.7	97.5	98.0	98.9
GE 100	I		52.7	59.2	71.8	79.5	82.1	87.2	91.1	92.6	95.1	95.7	96.7	96.9	97.6	98.2	99.7
GE	CI		52.7	59.2	71.8	79.5	82.1	87.2	91.1	92.6	95.1	95.7	96.7	96.9	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
GE	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272
NO CEIL	1	25.1	28.2	30.6	32.8	32.9	33.9	34.9	35.5	36.0	36.1	36.2	36.2	36.4	36.9	36.9	
GE 2000	1	26.2	29.5	32.5	34.9	35.0	36.2	37.2	37.7	38.3	38.5	38.6	38.6	38.8	39.2	39.2	
GE 1800	1	26.2	29.5	32.6	35.1	35.2	36.4	37.4	37.9	38.5	38.7	38.8	38.8	39.0	39.5	39.5	
GE 1600	1	26.2	29.5	32.6	35.1	35.2	36.4	37.4	37.9	38.5	38.7	38.8	38.8	39.0	39.5	39.5	
GE 1400	1	26.2	29.5	32.6	35.1	35.2	36.4	37.4	37.9	38.5	38.7	38.8	38.8	39.0	39.5	39.5	
GE 1200	1	26.2	29.5	32.6	35.1	35.2	36.4	37.4	37.9	38.5	38.7	38.8	38.8	39.0	39.5	39.5	
GE 1000	1	26.7	30.4	33.8	36.2	36.3	37.5	38.6	39.1	39.7	39.9	40.0	40.0	40.2	40.6	40.6	
GE 900	1	26.7	30.4	33.8	36.5	36.6	37.8	38.9	39.5	40.0	40.2	40.3	40.3	40.5	41.0	41.0	
GE 800	1	28.4	32.4	36.2	38.9	39.0	40.3	41.6	42.2	42.7	42.9	43.0	43.0	43.2	43.7	43.7	
GE 700	1	29.1	33.2	37.0	39.8	39.9	41.2	42.5	43.0	43.6	43.8	43.9	43.9	44.1	44.5	44.5	
GE 600	1	29.1	33.2	37.0	39.8	39.9	41.2	42.5	43.0	43.6	43.8	43.9	43.9	44.1	44.5	44.5	
GE 500	1	30.1	34.4	38.4	41.3	41.4	42.9	44.2	44.8	45.3	45.5	45.6	45.6	45.9	46.4	46.4	
GE 400	1	31.2	35.6	39.6	42.5	42.6	44.1	45.4	45.9	46.5	46.7	46.8	46.8	47.1	47.6	47.6	
GE 300	1	34.4	38.9	44.3	47.8	47.9	49.6	51.0	51.6	52.1	52.3	52.4	52.4	52.8	53.2	53.2	
GE 250	1	36.0	40.6	46.6	50.4	50.5	52.3	53.7	54.3	54.8	55.0	55.1	55.1	55.5	55.9	55.9	
GE 200	1	42.2	47.7	54.4	58.9	59.0	61.4	63.0	63.9	64.5	64.8	64.9	64.9	65.2	65.6	65.6	
GE 150	1	42.8	48.4	55.8	60.3	60.4	62.8	64.4	65.3	65.9	66.3	66.4	66.4	66.7	67.1	67.1	
GE 100	1	45.2	51.9	60.2	65.1	65.3	68.0	69.8	70.8	71.8	72.1	72.3	72.3	72.6	73.1	73.1	
GE 80	1	45.5	52.3	60.6	65.8	66.1	68.8	70.7	71.7	72.6	73.0	73.2	73.2	73.5	73.9	73.9	
GE 60	1	47.8	55.4	64.0	69.7	69.9	73.1	75.6	76.5	77.5	77.8	78.1	78.1	78.4	78.8	78.8	
GE 40	1	48.4	56.5	66.3	72.3	72.9	76.3	78.8	79.8	80.8	81.1	81.3	81.3	81.6	82.1	82.1	
GE 30	1	48.6	57.3	67.6	74.4	75.5	79.7	82.2	83.1	84.1	84.4	84.6	84.6	85.0	85.4	85.4	
GE 20	1	49.1	58.1	68.6	75.5	76.5	80.8	83.9	84.9	85.8	86.2	86.4	86.4	86.7	87.1	87.1	
GE 10	1	49.5	58.5	69.1	75.9	77.0	81.3	84.4	85.4	86.7	87.0	87.2	87.2	87.5	87.9	87.9	
GE 8	1	49.8	58.8	69.6	77.1	78.2	82.8	86.3	87.2	88.5	88.9	89.1	89.1	89.3	89.6	89.6	
GE 6	1	49.8	58.9	70.2	77.7	78.8	83.7	87.1	88.1	89.4	89.7	89.9	89.9	90.2	90.5	90.5	
GE 5	1	49.8	59.1	70.8	78.6	79.7	84.9	88.3	89.4	91.0	91.4	91.6	91.6	92.1	92.5	92.5	
GE 4	1	50.1	59.4	71.1	79.0	80.1	85.5	89.6	90.9	92.6	93.0	93.5	93.7	94.2	94.9	94.9	
GE 3	1	50.1	59.4	71.1	79.0	80.2	85.8	90.5	92.2	94.3	94.6	95.1	95.4	95.8	96.5	96.9	
GE 2	1	50.1	59.5	71.4	79.2	80.4	86.1	90.7	92.5	94.7	95.1	96.2	96.5	97.2	97.9	98.6	
GE 1	1	50.1	59.5	71.4	79.5	80.6	86.3	90.9	92.8	95.0	95.5	96.5	96.9	97.5	98.3	99.8	
GE	1	50.1	59.5	71.4	79.5	80.6	86.3	90.9	92.8	95.0	95.5	96.5	96.9	97.5	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(IST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	1		20.6	22.5	25.7	27.0	27.1	28.3	28.9	29.2	29.8	29.8	29.9	29.9	29.9	30.1	30.2
GE 2000			23.0	25.5	29.4	31.4	31.5	32.8	33.4	33.8	34.3	34.3	34.4	34.4	34.4	34.6	34.7
GE 1800			23.0	25.5	29.6	31.5	31.6	32.9	33.5	33.9	34.4	34.4	34.5	34.5	34.5	34.7	34.8
GE 1600			23.0	25.5	29.6	31.5	31.6	32.9	33.5	33.9	34.4	34.4	34.5	34.5	34.5	34.7	34.8
GE 1400			23.0	25.6	29.7	31.6	31.7	33.7	33.7	34.0	34.5	34.5	34.6	34.6	34.6	34.8	35.0
GE 1200			23.0	25.6	29.7	31.6	31.7	33.0	33.7	34.0	34.5	34.5	34.6	34.6	34.6	34.8	35.0
GE 1000			23.4	26.1	30.3	32.5	32.6	33.9	34.6	35.0	35.5	35.5	35.6	35.6	35.6	35.8	35.9
GE 900			23.6	26.4	30.9	33.1	33.2	34.6	35.4	35.7	36.2	36.2	36.4	36.4	36.4	36.6	36.7
GE 800			26.0	29.3	34.3	36.6	36.7	38.4	39.3	39.7	40.2	40.2	40.3	40.3	40.3	40.6	40.8
GE 700			26.6	30.0	35.1	37.3	37.4	39.2	40.0	40.5	41.0	41.0	41.1	41.1	41.1	41.3	41.5
GE 600			26.6	30.0	35.1	37.3	37.4	39.2	40.0	40.5	41.0	41.0	41.1	41.1	41.1	41.3	41.5
GE 500			27.5	31.2	36.2	38.7	38.8	40.7	41.5	42.0	42.5	42.5	42.6	42.6	42.6	42.9	43.1
GE 450			28.9	32.7	37.9	40.3	40.6	42.4	43.3	43.7	44.2	44.2	44.3	44.3	44.3	44.7	44.9
GE 400			32.3	36.4	42.2	44.9	45.1	47.1	48.1	48.5	49.1	49.1	49.2	49.2	49.2	49.5	49.7
GE 350			34.0	38.1	44.1	47.4	47.6	49.8	50.8	51.2	51.8	51.8	51.9	51.9	51.9	52.2	52.4
GE 300			41.0	46.0	53.2	57.1	57.7	60.4	61.6	62.6	63.4	63.5	63.6	63.8	63.8	64.1	64.3
GE 250			42.5	47.6	55.2	59.2	59.9	62.7	63.9	64.9	65.9	66.1	66.2	66.3	66.3	66.7	66.9
GE 200			45.2	50.9	59.2	64.6	64.6	67.6	69.1	70.2	71.2	71.4	71.5	71.6	71.6	72.0	72.2
GE 180			45.7	51.5	59.9	64.8	65.5	68.5	70.3	71.4	72.4	72.6	72.7	72.8	72.8	73.1	73.4
GE 150			48.1	54.5	63.4	68.7	69.4	72.7	74.8	75.8	76.8	77.0	77.1	77.2	77.2	77.6	77.8
GE 120			49.4	56.5	66.6	73.1	73.8	77.1	79.6	80.8	81.9	82.1	82.2	82.3	82.3	82.6	82.8
GE 100			49.6	56.7	67.5	74.3	75.4	78.9	81.7	82.8	84.0	84.3	84.4	84.6	84.6	84.9	85.1
GE 90			49.9	57.4	68.4	75.3	76.4	79.9	83.1	84.3	85.7	86.0	86.1	86.3	86.3	86.6	86.8
GE 80			49.9	57.4	68.5	75.7	76.8	80.5	83.6	84.8	86.4	86.9	86.9	87.2	87.2	87.5	87.7
GE 70			50.1	57.5	69.0	76.6	77.7	81.6	84.9	86.2	87.8	88.2	88.3	88.6	88.7	89.0	89.2
GE 60			50.1	57.5	69.1	77.0	78.2	82.3	85.7	86.9	88.7	89.2	89.3	89.5	89.6	90.0	90.2
GE 50			50.4	57.8	69.8	78.2	79.6	84.0	87.6	89.2	90.9	91.8	92.0	92.3	92.4	92.8	93.0
GE 40			50.4	57.8	69.8	78.3	79.7	84.3	88.1	90.2	92.1	93.0	93.3	93.6	93.7	94.7	94.9
GE 30			50.4	57.8	69.9	78.4	79.8	84.8	89.2	91.4	93.5	94.4	94.7	95.1	95.3	96.4	96.7
GE 20			50.4	57.8	69.9	78.5	79.9	85.0	89.4	91.8	94.0	94.9	95.8	96.2	96.3	97.8	98.4
GE 10			50.4	57.8	69.9	78.6	80.0	85.1	89.5	91.9	94.1	94.1	96.0	96.5	97.0	98.7	99.8
GE	0		50.4	57.8	69.9	78.6	80.0	85.1	89.5	91.9	94.1	94.1	96.0	96.5	97.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	16"	9C	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		19.2	20.5	23.1	24.5	24.7	25.0	26.0	26.1	26.3	26.3	26.3	26.4	26.4	26.4	26.9
GE 20000		22.0	23.6	26.8	28.5	28.9	29.4	30.4	30.5	30.7	30.7	30.7	30.9	30.9	31.0	31.4
GE 18000		22.0	23.6	27.1	28.9	29.3	29.9	30.9	31.0	31.2	31.2	31.2	31.3	31.3	31.4	31.8
GE 16000		22.0	23.6	27.1	28.9	29.3	29.9	30.9	31.0	31.2	31.2	31.2	31.3	31.3	31.4	31.8
GE 14000		22.1	23.9	27.2	29.0	29.4	30.0	31.0	31.1	31.3	31.3	31.3	31.4	31.4	31.5	31.9
GE 12000		22.2	24.2	27.5	29.3	29.8	30.3	31.3	31.4	31.6	31.6	31.6	31.7	31.7	31.8	32.3
GE 10000		23.4	25.4	28.9	31.2	31.7	32.3	33.2	33.3	33.5	33.5	33.5	33.7	33.7	33.8	34.2
GE 9000		23.5	25.5	29.0	31.3	31.8	32.4	33.5	33.7	33.9	33.9	33.9	34.0	34.0	34.1	34.5
GE 8000		27.3	29.4	34.4	36.8	37.3	38.0	39.2	39.3	39.8	39.9	39.9	40.0	40.1	40.2	40.7
GE 7000		28.2	30.5	35.5	37.9	38.4	39.1	40.2	40.3	40.9	41.0	41.0	41.1	41.2	41.3	41.7
GE 6000		28.2	30.5	35.5	37.9	38.4	39.1	40.2	40.3	40.9	41.0	41.0	41.1	41.2	41.3	41.7
GE 5000		29.7	32.0	37.2	40.2	40.8	41.4	42.6	42.7	43.3	43.5	43.5	43.6	43.7	43.8	44.2
GE 4500		30.3	32.7	38.0	41.0	41.6	42.3	43.5	43.6	44.1	44.3	44.3	44.4	44.6	44.7	45.1
GE 4000		33.5	36.7	42.9	46.5	47.1	47.8	49.0	49.2	49.7	49.9	49.9	50.1	50.2	50.3	50.7
GE 3500		37.1	40.6	47.4	51.9	52.6	53.4	54.8	55.0	55.7	55.9	55.9	56.0	56.1	56.2	56.6
GE 3000		43.4	47.4	54.6	60.1	61.1	61.9	64.0	64.2	65.4	65.6	65.6	65.7	65.9	66.0	66.5
GE 2500		44.3	48.3	55.7	61.8	62.8	63.6	65.8	66.0	67.2	67.4	67.5	67.6	67.9	68.0	68.4
GE 2000		47.1	51.8	59.8	66.6	67.5	68.6	71.1	71.4	72.8	73.1	73.2	73.4	73.7	73.8	74.2
GE 1800		47.2	51.9	60.1	67.1	68.1	69.1	71.6	72.0	73.5	73.8	73.9	74.0	74.3	74.4	74.9
GE 1500		48.1	52.8	61.4	68.9	70.0	71.1	73.8	74.2	76.1	76.5	76.6	76.7	77.0	77.1	77.6
GE 1200		50.1	54.9	63.6	72.1	73.1	74.6	77.5	78.4	80.6	81.1	81.2	81.3	81.7	81.8	82.2
GE 1000		50.9	55.8	64.6	73.4	74.9	76.6	79.5	80.6	83.4	84.0	84.3	84.4	84.8	84.9	85.3
GE 900		51.0	56.7	64.9	73.9	75.4	77.1	80.4	81.4	84.3	84.1	85.3	85.4	85.9	86.0	86.4
GE 800		51.2	56.3	65.7	74.8	76.3	78.0	81.6	82.7	85.7	86.7	86.9	87.1	87.5	87.6	88.0
GE 700		51.2	56.3	66.2	75.4	76.9	78.6	82.5	83.8	86.9	87.0	88.2	88.3	88.8	88.9	89.3
GE 600		51.2	56.3	66.3	75.5	77.1	78.9	83.2	84.5	87.9	89.2	89.5	89.9	90.4	90.5	90.9
GE 500		51.2	56.3	66.5	76.4	77.9	79.9	84.5	86.3	90.2	91.5	92.0	92.3	93.3	93.4	93.9
GE 400		51.2	56.3	66.5	76.4	78.1	80.4	85.4	87.5	91.6	93.1	93.9	94.3	95.3	95.6	96.0
GE 300		51.3	56.4	66.7	76.6	78.4	80.7	86.2	88.2	92.6	94.2	95.0	95.8	97.0	97.3	98.1
GE 200		51.3	56.4	66.7	76.6	78.4	80.7	86.2	88.2	92.7	94.6	95.5	96.3	97.6	98.0	99.0
GE 100		51.3	56.4	66.7	76.6	78.4	80.7	86.2	88.2	92.7	94.6	95.5	96.5	98.1	98.5	99.8
GE 0		51.3	56.4	66.7	76.6	78.4	80.7	86.2	88.2	92.7	94.6	95.5	96.5	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 9.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 76-87

MONTH: JAN HOURS: 1200-1400

CEILING IN FEET	GT 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		20.8	21.7	24.9	25.6	25.8	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.8
GE 20000		25.5	26.6	30.9	31.9	32.1	33.3	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	34.3
GE 18000		25.6	26.8	31.0	32.0	32.3	33.4	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	34.4
GE 16000		25.6	26.8	31.0	32.0	32.3	33.4	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	34.4
GE 14000		25.8	27.0	31.2	32.3	32.5	33.7	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.6
GE 12000		26.1	27.3	31.5	32.6	32.8	34.0	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	35.0
GE 10000		27.2	28.4	32.7	33.8	34.0	35.2	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	36.1
GE 9000		27.5	28.7	33.0	34.2	34.4	35.6	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.6
GE 8000		29.9	31.3	36.4	37.8	38.0	39.7	39.9	39.9	40.1	40.1	40.1	40.1	40.2	40.2	40.9
GE 7000		31.1	32.6	37.8	39.2	39.4	41.1	41.3	41.3	41.6	41.6	41.7	41.7	41.9	41.9	42.5
GE 6000		31.1	32.7	37.9	39.3	39.5	41.2	41.4	41.4	41.7	41.7	41.9	41.9	42.0	42.0	42.6
GE 5000		32.4	34.1	39.6	41.2	41.4	43.1	43.4	43.4	43.7	43.7	43.8	43.8	43.9	43.9	44.6
GE 4500		32.9	34.6	40.1	41.7	42.0	43.7	43.9	43.9	44.2	44.2	44.3	44.3	44.4	44.4	45.1
GE 4000		35.9	38.6	45.5	47.5	47.8	49.5	49.7	49.7	50.3	50.3	50.4	50.4	50.5	50.5	51.1
GE 3500		38.4	41.3	48.7	51.3	51.8	53.7	54.2	54.2	54.9	54.9	55.1	55.1	55.3	55.3	56.0
GE 3000		46.8	49.9	57.8	61.7	62.1	64.4	65.3	65.4	66.5	66.5	66.7	66.7	66.9	66.9	67.5
GE 2500		47.7	51.0	59.1	63.6	64.2	66.5	67.4	67.5	68.6	68.6	68.8	68.8	69.0	69.0	69.7
GE 2000		50.3	54.0	63.2	68.0	68.5	70.8	72.7	73.0	74.4	74.4	74.6	74.9	75.2	75.2	75.9
GE 1800		50.9	54.7	64.0	68.8	69.4	71.6	73.8	74.1	75.6	75.6	75.8	76.1	76.4	76.4	77.1
GE 1500		52.0	56.0	65.5	71.3	72.1	74.5	76.7	77.0	78.5	78.5	78.7	79.0	79.3	79.3	80.0
GE 1200		53.1	57.6	67.7	75.2	75.9	78.9	81.3	82.1	83.8	83.8	84.0	84.3	84.6	84.6	85.3
GE 1000		53.8	58.4	68.8	76.7	77.8	80.9	83.5	84.5	86.3	86.4	86.6	86.8	87.4	87.4	88.1
GE 900		53.9	58.5	69.0	76.9	78.1	81.2	83.9	84.9	86.7	86.9	87.1	87.3	87.8	87.8	88.6
GE 800		53.9	58.5	69.4	77.5	78.7	82.0	84.8	85.9	87.7	87.8	88.1	88.3	88.9	88.9	89.6
GE 700		53.9	58.5	69.6	77.8	79.1	83.4	86.2	87.3	89.3	89.5	89.9	90.1	90.6	90.6	91.4
GE 600		53.9	58.5	69.7	78.3	79.8	84.5	87.6	88.7	90.8	91.0	91.4	91.6	92.1	92.1	92.9
GE 500		53.9	58.6	70.0	79.3	81.1	85.8	89.2	90.4	92.9	93.2	93.7	94.3	94.7	94.7	95.5
GE 400		53.9	58.7	70.1	79.5	81.3	86.4	90.2	91.5	94.1	94.7	95.4	95.7	96.7	96.7	97.5
GE 300		53.9	58.7	70.1	79.5	81.3	86.4	90.6	92.0	95.0	95.8	96.5	97.1	98.1	98.1	98.9
GE 200		53.9	58.7	70.1	79.5	81.3	86.5	90.7	92.1	95.1	96.0	96.8	97.3	98.4	98.4	99.7
GE 100		53.9	58.7	70.1	79.5	81.3	86.5	90.7	92.1	95.1	96.0	96.9	97.4	98.5	98.5	100.0
GE		53.9	59.7	70.1	79.5	81.3	86.5	90.7	92.1	95.1	96.0	96.9	97.4	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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 C
NO CEIL	I	21.7	22.5	25.6	26.2	26.2	26.9	27.3	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.0
GE 20000	I	24.9	25.8	29.9	30.5	30.5	31.4	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.7
GE 18000	I	24.9	25.8	29.9	30.5	30.5	31.4	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.7
GE 16000	I	24.9	25.8	29.9	30.5	30.5	31.4	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.7
GE 14000	I	24.9	25.8	29.9	30.5	30.5	31.4	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.7
GE 12000	I	25.0	25.9	30.0	30.6	30.6	31.5	32.0	32.1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.8
GE 10000	I	27.2	28.2	32.6	33.4	33.5	34.4	35.0	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.7
GE 9000	I	27.6	28.6	33.0	34.0	34.1	35.0	35.5	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 8000	I	31.5	32.6	37.4	38.6	38.7	40.1	40.9	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.6
GE 7000	I	31.8	33.2	38.3	39.5	39.6	41.0	41.7	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
GE 6000	I	31.8	33.2	38.3	39.5	39.6	41.0	41.7	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5
GE 5000	I	32.8	34.2	39.7	41.0	41.1	42.5	43.3	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	44.0
GE 4500	I	32.9	34.3	39.8	41.1	41.2	42.6	43.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.1
GE 4000	I	37.1	39.4	45.6	47.6	47.8	49.2	49.9	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.8
GE 3500	I	39.7	42.3	49.1	51.5	51.8	53.2	54.3	54.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.3
GE 3000	I	48.5	51.2	58.4	61.9	62.5	64.0	65.8	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.4
GE 2500	I	49.1	51.8	59.0	62.9	63.8	65.3	67.1	67.6	68.1	68.3	68.4	68.4	68.4	68.4	68.5	68.8
GE 2000	I	51.6	54.6	62.7	67.3	68.2	69.9	72.0	72.5	73.1	73.5	73.6	73.8	73.8	73.8	73.9	74.2
GE 1800	I	51.8	54.8	63.1	67.7	68.7	70.4	72.5	73.0	73.7	74.0	74.1	74.3	74.3	74.3	74.4	74.8
GE 1500	I	53.1	56.2	64.8	70.6	71.6	73.7	76.1	76.7	77.5	77.8	77.9	78.2	78.3	78.3	78.4	78.7
GE 1200	I	54.0	57.7	66.9	73.7	74.9	77.2	80.3	81.1	82.2	82.5	82.6	83.0	83.1	83.2	83.2	83.5
GE 1000	I	54.5	58.4	68.7	76.3	77.7	81.1	84.3	85.1	86.7	87.1	87.2	87.6	87.7	87.7	87.8	88.1
GE 900	I	54.5	58.4	68.8	76.5	77.9	81.4	84.6	85.4	87.1	87.4	87.5	87.9	88.0	88.1	88.1	88.5
GE 800	I	54.6	58.6	69.3	77.1	78.7	82.6	85.8	86.6	88.2	88.6	88.7	89.1	89.2	89.3	89.3	89.6
GE 700	I	54.6	58.6	69.4	77.8	79.4	83.7	86.8	87.7	89.3	89.6	89.8	90.2	90.3	90.4	90.7	91.0
GE 600	I	54.6	58.6	69.6	78.1	79.8	84.5	87.8	88.9	90.6	91.0	91.2	91.6	91.7	91.8	92.1	92.4
GE 500	I	54.6	58.6	69.8	79.0	80.6	85.7	89.0	90.4	92.7	93.1	93.2	93.9	94.2	94.3	94.6	94.9
GE 400	I	54.6	58.6	69.8	79.2	81.0	86.1	89.8	91.3	93.7	94.5	94.7	95.4	95.8	95.9	96.5	96.8
GE 300	I	54.6	58.6	69.8	79.2	81.0	86.3	90.3	92.1	94.7	95.6	95.8	96.5	97.1	97.4	98.1	98.4
GE 200	I	54.6	58.6	69.8	79.2	81.0	86.3	90.3	92.1	94.9	95.8	96.1	97.0	97.5	98.0	98.9	99.9
GE 100	I	54.6	58.6	69.8	79.2	81.0	86.3	90.3	92.1	94.9	95.8	96.1	97.1	97.7	98.2	99.0	100.0
GE C	I	54.6	58.6	69.8	79.2	81.0	86.3	90.3	92.1	94.9	95.8	96.1	97.1	97.7	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GT 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	1		27.1	28.8	31.6	32.1	32.3	32.9	33.2	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.3
GE 20000			28.7	30.7	34.4	35.0	35.1	35.7	36.1	36.6	36.9	36.9	36.9	36.9	36.9	36.9	37.2
GE 18000			28.7	31.0	34.6	35.2	35.3	35.9	36.4	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4
GE 16000			28.7	31.0	34.6	35.2	35.3	35.9	36.4	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4
GE 14000			28.7	31.0	34.6	35.2	35.3	35.9	36.4	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4
GE 12000			28.7	31.0	34.6	35.2	35.3	35.9	36.4	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4
GE 10000			29.7	32.4	36.4	37.2	37.3	38.1	38.5	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.6
GE 9000			29.7	32.4	36.4	37.2	37.3	38.1	38.5	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.6
GE 8000			33.2	36.0	40.5	41.5	41.6	42.4	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.4
GE 7000			33.5	36.7	41.1	42.2	42.3	43.0	44.0	44.4	44.8	44.8	44.8	44.8	44.8	44.8	45.1
GE 6000			33.5	36.7	41.1	42.2	42.3	43.0	44.0	44.4	44.8	44.8	44.8	44.8	44.8	44.8	45.1
GE 5000			35.3	38.4	42.9	44.2	44.3	45.4	46.4	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.5
GE 4500			35.8	38.9	43.6	44.9	45.0	46.1	47.0	47.5	47.8	47.8	47.8	47.8	47.8	47.8	48.1
GE 4000			38.8	42.4	47.6	49.1	49.3	50.6	51.6	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.9
GE 3500			41.4	45.2	50.4	52.1	52.3	53.9	55.2	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.5
GE 3000			48.0	52.4	58.9	61.6	61.9	64.1	65.9	66.8	67.2	67.2	67.2	67.2	67.2	67.3	67.6
GE 2500			48.7	53.1	59.7	62.8	63.1	65.3	67.2	68.1	68.5	68.5	68.5	68.5	68.5	68.6	68.9
GE 2000			52.6	57.7	65.0	69.1	69.6	72.3	74.5	75.5	76.1	76.1	76.2	76.2	76.2	76.3	76.6
GE 1800			53.1	58.3	65.8	69.9	70.3	73.0	75.4	76.4	76.9	76.9	77.0	77.0	77.1	77.1	77.5
GE 1500			53.8	59.0	67.2	72.4	72.8	75.6	79.4	80.5	81.0	81.0	81.1	81.4	81.6	81.6	81.9
GE 1200			54.8	60.2	68.8	75.7	76.2	79.3	83.8	85.0	85.9	86.0	86.1	86.4	86.5	86.5	86.8
GE 1000			54.8	60.3	69.0	76.1	76.6	79.8	84.6	85.9	86.7	86.8	86.9	87.3	87.4	87.4	87.7
GE 900			54.8	60.3	69.1	76.3	76.8	80.2	84.9	86.2	87.2	87.4	87.5	87.8	87.9	87.9	88.2
GE 800			55.1	60.9	69.9	77.3	77.9	81.7	86.6	87.9	88.9	89.1	89.2	89.5	89.6	89.6	90.0
GE 700			55.2	61.1	70.3	78.1	78.6	82.5	88.3	89.6	90.7	90.9	91.0	91.4	91.5	91.5	91.8
GE 600			55.3	61.2	70.9	78.7	79.4	84.3	90.1	91.4	92.4	92.7	92.8	93.1	93.2	93.2	93.5
GE 500			55.3	61.2	71.0	79.2	80.0	84.9	90.8	92.6	93.7	94.0	94.3	94.7	94.8	94.8	95.1
GE 400			55.3	61.2	71.0	79.3	80.4	85.5	91.5	93.5	94.8	95.5	95.8	96.2	96.4	96.4	96.8
GE 300			55.3	61.2	71.0	79.3	80.4	85.7	91.9	94.1	95.5	96.1	96.4	96.9	97.1	97.2	97.7
GE 200			55.3	61.2	71.0	79.3	80.4	85.7	91.9	94.1	95.7	96.5	97.2	97.6	98.0	98.1	99.1
GE 100			55.3	61.2	71.0	79.3	80.4	85.7	91.9	94.1	95.8	96.7	97.3	97.7	98.1	98.2	100.0
GE 0			55.3	61.2	71.0	79.3	80.4	85.7	91.9	94.1	95.8	96.7	97.3	97.7	98.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		26.2	27.6	31.5	32.7	32.9	34.0	34.5	34.8	35.4	35.5	35.5	35.5	35.5	35.5	35.8
GE 20000		28.3	29.8	34.6	35.8	36.0	37.2	37.8	38.2	38.7	38.8	38.8	38.8	38.8	38.8	39.2
GE 18000		28.3	29.8	34.6	35.8	36.0	37.2	37.8	38.2	38.7	38.8	38.8	38.8	38.8	38.8	39.2
GE 16000		28.3	29.8	34.6	35.8	36.0	37.2	37.8	38.2	38.7	38.8	38.8	38.8	38.8	38.8	39.2
GE 14000		28.3	29.8	34.6	35.8	36.0	37.2	37.8	38.2	38.7	38.8	38.8	38.8	38.8	38.8	39.2
GE 12000		28.3	29.8	34.6	35.8	36.0	37.2	37.8	38.2	38.7	38.8	38.8	38.8	38.8	38.8	39.2
GE 10000		28.9	30.7	35.7	36.9	37.1	38.3	38.8	39.3	39.8	39.9	39.9	39.9	39.9	39.9	40.2
GE 9000		29.4	31.3	36.2	37.4	37.6	38.8	39.4	39.8	40.3	40.5	40.5	40.5	40.5	40.5	40.8
GE 8000		32.7	34.8	40.9	42.3	42.5	43.7	44.9	45.3	45.8	46.0	46.0	46.0	46.0	46.0	46.3
GE 7000		33.5	35.8	41.9	43.3	43.5	44.7	45.8	46.3	46.8	46.9	46.9	46.9	46.9	46.9	47.2
GE 6000		33.5	35.8	41.9	43.3	43.5	44.7	45.8	46.3	46.8	46.9	46.9	46.9	46.9	46.9	47.2
GE 5000		35.4	37.8	43.9	45.3	45.5	46.8	48.0	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.5
GE 4500		36.4	38.8	45.1	46.5	46.7	48.1	49.3	49.7	50.4	50.5	50.5	50.5	50.5	50.5	50.8
GE 4000		39.6	42.2	48.8	50.5	50.7	52.2	53.8	54.3	54.9	55.0	55.0	55.0	55.0	55.0	55.3
GE 3500		42.0	44.8	51.8	54.0	54.3	56.1	57.8	58.3	58.9	59.0	59.0	59.0	59.0	59.0	59.3
GE 3000		47.7	51.3	59.3	62.7	62.9	65.3	67.5	68.2	69.1	69.3	69.3	69.4	69.4	69.5	69.6
GE 2500		48.9	52.6	60.8	64.6	64.8	67.5	69.8	70.4	71.4	71.5	71.5	71.6	71.6	71.7	72.1
GE 2000		51.3	55.7	64.5	69.0	69.3	72.5	75.1	75.7	76.7	76.8	76.9	77.7	77.7	77.7	77.5
GE 1800		51.8	56.1	65.5	70.3	70.9	74.2	76.8	77.5	78.4	78.5	78.6	78.7	78.7	78.9	79.2
GE 1500		52.0	56.4	66.1	72.0	72.5	75.9	79.2	79.8	80.9	81.0	81.2	81.3	81.3	81.4	81.8
GE 1200		52.8	57.5	68.1	74.8	75.3	78.9	82.6	83.4	84.4	84.7	84.9	85.7	85.7	85.7	85.4
GE 1000		53.0	57.7	68.5	75.7	76.5	80.7	84.7	85.4	86.4	86.7	86.9	87.1	87.1	87.2	87.5
GE 900		53.3	58.0	69.0	76.6	77.5	82.0	86.1	86.8	87.9	88.2	88.5	88.6	88.6	88.7	89.0
GE 800		53.3	58.0	69.0	76.8	77.7	82.3	86.7	87.5	88.6	88.9	89.1	89.2	89.2	89.3	89.6
GE 700		53.8	58.6	69.7	78.0	78.9	83.6	88.7	89.4	90.6	90.9	91.2	91.3	91.3	91.4	91.7
GE 600		54.0	58.9	70.4	78.7	79.6	84.6	89.8	90.5	91.7	92.0	92.2	92.3	92.3	92.4	92.8
GE 500		54.0	58.9	70.7	79.4	80.5	85.9	91.2	92.0	93.4	93.9	94.2	94.6	95.1	95.3	95.6
GE 400		54.0	58.9	70.8	79.7	80.9	86.3	91.6	92.4	94.0	94.7	95.1	95.6	96.1	96.2	96.5
GE 300		54.2	59.0	70.9	79.8	81.0	86.4	92.1	93.0	95.1	95.9	96.3	96.9	97.4	98.0	98.3
GE 200		54.2	59.0	70.9	79.8	81.0	86.4	92.1	93.0	95.1	96.1	96.7	97.2	97.7	98.3	99.0
GE 100		54.2	59.0	70.9	79.8	81.0	86.4	92.1	93.0	95.3	96.4	97.0	97.5	98.2	98.7	100.0
GE 0		54.2	59.0	70.9	79.8	81.0	86.4	92.1	93.0	95.3	96.4	97.0	97.5	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	23.6	25.3	28.3	29.4	29.6	30.5	31.1	31.4	31.8	31.9	31.9	31.9	31.9	32.0	32.1
GE 20000	26.0	27.9	31.8	33.1	33.3	34.3	34.9	35.2	35.7	35.8	35.8	35.8	35.8	35.9	36.0
GE 18000	26.0	28.0	31.9	33.3	33.5	34.4	35.1	35.4	35.9	35.9	36.0	36.0	36.0	36.0	36.4
GE 16000	26.0	28.0	31.9	33.3	33.5	34.4	35.1	35.4	35.9	35.9	36.0	36.0	36.0	36.0	36.4
GE 14000	26.1	28.0	32.0	33.3	33.5	34.5	35.1	35.5	35.9	36.0	36.0	36.0	36.0	36.1	36.5
GE 12000	26.2	28.1	32.1	33.4	33.6	34.6	35.2	35.5	36.0	36.1	36.1	36.1	36.1	36.2	36.6
GE 10000	27.1	29.3	33.4	34.9	35.2	36.2	36.8	37.1	37.6	37.7	37.7	37.7	37.7	37.8	38.2
GE 9000	27.3	29.5	33.7	35.3	35.5	36.5	37.2	37.5	38.0	38.0	38.1	38.1	38.1	38.1	38.5
GE 8000	30.2	32.7	37.5	39.2	39.4	40.6	41.6	41.9	42.4	42.5	42.6	42.6	42.6	42.6	43.0
GE 7000	30.9	33.5	38.4	40.1	40.4	41.6	42.5	42.8	43.4	43.5	43.5	43.5	43.5	43.6	44.0
GE 6000	30.9	33.5	38.4	40.1	40.4	41.6	42.5	42.9	43.4	43.5	43.5	43.5	43.5	43.6	44.0
GE 5000	32.2	35.0	40.1	42.0	42.2	43.6	44.5	44.9	45.4	45.5	45.6	45.6	45.6	45.7	46.1
GE 4500	33.0	35.8	41.0	42.9	43.2	44.5	45.5	45.8	46.4	46.5	46.5	46.5	46.5	46.6	47.0
GE 4000	36.5	39.7	45.7	48.0	48.4	49.9	50.9	51.3	51.8	51.9	52.0	52.0	52.0	52.1	52.5
GE 3500	38.7	42.2	48.6	51.4	51.8	53.5	54.7	55.0	55.7	55.8	55.9	55.9	55.9	56.0	56.4
GE 3000	45.6	49.6	56.9	60.6	61.1	63.2	64.9	65.5	66.4	66.5	66.6	66.6	66.6	66.7	67.2
GE 2500	46.4	50.6	58.2	62.3	62.8	65.0	66.7	67.3	68.2	68.4	68.5	68.5	68.5	68.6	69.1
GE 2000	49.2	53.9	62.3	67.0	67.6	70.1	72.1	72.8	73.9	74.1	74.2	74.3	74.3	74.5	74.9
GE 1800	49.5	54.4	62.9	67.8	68.5	71.0	73.1	73.8	74.9	75.1	75.2	75.3	75.3	75.5	76.0
GE 1500	50.8	55.9	64.8	70.6	71.4	74.1	76.7	77.4	78.6	78.8	79.0	79.1	79.3	79.4	79.7
GE 1200	51.8	57.4	67.0	73.9	74.7	77.7	80.6	81.5	82.8	83.1	83.3	83.4	83.6	83.7	84.0
GE 1000	52.2	57.8	68.0	75.3	76.5	79.9	83.0	84.0	85.5	85.7	85.9	86.1	86.3	86.5	86.7
GE 900	52.4	58.1	68.5	75.9	77.1	80.7	84.0	85.0	86.5	86.9	87.1	87.2	87.4	87.6	87.9
GE 800	52.5	58.4	68.9	76.5	77.7	81.4	84.9	85.9	87.5	87.9	88.1	88.3	88.5	88.7	89.0
GE 700	52.7	58.5	69.4	77.4	78.6	82.7	86.5	87.5	89.2	89.6	89.8	90.0	90.2	90.4	90.7
GE 600	52.7	58.6	69.7	77.9	79.2	83.6	87.5	88.6	90.4	90.9	91.1	91.3	91.5	91.7	92.0
GE 500	52.8	58.7	70.0	78.7	80.2	84.7	88.9	90.2	92.3	92.8	93.1	93.4	93.9	94.0	94.3
GE 400	52.8	58.7	70.1	78.9	80.5	85.2	89.6	91.1	93.4	94.1	94.6	95.0	95.5	95.8	96.2
GE 300	52.8	58.8	70.2	78.9	80.5	85.4	90.2	92.0	94.5	95.3	95.8	96.2	96.8	97.3	97.8
GE 200	52.8	58.8	70.2	79.0	80.6	85.5	90.3	92.1	94.7	95.6	96.4	96.9	97.5	98.1	99.0
GE 100	52.8	58.8	70.2	79.0	80.6	85.5	90.4	92.1	94.8	95.7	96.5	97.1	97.8	98.4	99.9
GE	52.8	58.8	70.2	79.0	80.6	85.5	90.4	92.1	94.8	95.7	96.5	97.1	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7410

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0700-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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			19.9	22.7	26.5	29.4	29.5	31.3	32.1	32.1	32.4	32.5	32.7	33.3	33.0	33.2	33.6
GE 2000			21.8	24.6	29.4	32.4	33.6	35.4	36.7	36.7	36.9	37.0	37.3	37.5	37.5	37.7	38.3
GE 1800			21.8	24.6	29.4	32.4	33.6	35.4	36.7	36.7	36.9	37.0	37.3	37.5	37.5	37.7	38.3
GE 1600			21.8	24.6	29.4	32.4	33.6	35.4	36.7	36.7	36.9	37.0	37.3	37.5	37.5	37.7	38.3
GE 1400			21.8	24.6	29.4	32.4	33.6	35.4	36.7	36.7	36.9	37.0	37.3	37.5	37.5	37.7	38.3
GE 1200			21.8	24.6	29.4	32.4	33.6	35.4	36.7	36.7	36.9	37.0	37.3	37.5	37.5	37.7	38.3
GE 1000			23.6	27.0	31.8	34.8	36.0	38.0	39.3	39.3	39.5	39.6	39.9	40.1	40.2	40.5	41.1
GE 900			23.8	27.3	32.0	35.0	36.2	38.2	39.5	39.5	39.8	39.9	40.1	40.4	40.5	40.7	41.3
GE 800			26.1	29.5	34.9	38.0	39.3	41.5	43.0	43.0	43.2	43.3	43.6	43.8	43.9	44.2	44.8
GE 700			26.5	30.0	35.5	38.8	40.1	42.4	43.8	43.8	44.0	44.2	44.4	44.6	44.8	45.0	45.6
GE 600			26.5	30.0	35.5	38.8	40.1	42.4	43.8	43.8	44.0	44.2	44.4	44.6	44.8	45.0	45.6
GE 500			26.8	30.5	36.1	39.5	40.8	43.5	44.9	44.9	45.1	45.2	45.5	45.7	45.8	46.1	46.7
GE 450			27.3	31.2	37.1	40.7	42.0	44.6	46.1	46.1	46.3	46.4	46.7	46.9	47.0	47.3	47.9
GE 400			30.8	35.1	41.5	45.2	46.8	50.0	51.5	51.5	51.8	51.9	52.1	52.4	52.5	52.7	53.3
GE 350			32.4	36.7	43.9	47.7	49.4	53.3	54.9	54.9	55.1	55.2	55.5	55.7	55.8	56.1	56.7
GE 300			37.0	41.3	49.6	53.9	55.6	59.6	61.4	61.7	62.0	62.1	62.4	62.6	62.7	63.0	63.6
GE 250			37.5	41.8	50.2	55.1	56.8	61.2	63.0	63.2	63.6	63.7	63.9	64.2	64.3	64.5	65.1
GE 200			41.0	45.6	55.8	62.4	64.0	68.9	70.8	71.1	71.5	71.7	71.9	72.1	72.3	72.5	73.1
GE 180			41.9	46.8	57.3	63.9	65.6	70.6	72.5	72.7	73.2	73.3	73.6	73.8	73.9	74.2	74.8
GE 150			42.3	47.6	59.8	66.4	68.6	73.6	76.1	76.3	77.3	77.4	77.6	77.9	78.0	78.2	78.8
GE 120			42.9	48.3	61.1	69.0	71.4	76.9	79.6	79.9	81.0	81.1	81.3	81.5	81.7	81.9	82.5
GE 100			43.2	48.7	62.1	70.7	73.3	79.0	82.0	82.3	83.3	83.5	83.7	83.9	84.0	84.3	84.9
GE 90			43.2	48.7	62.3	70.8	73.6	79.3	82.3	82.7	83.8	83.9	84.2	84.4	84.5	84.8	85.4
GE 80			43.5	48.9	63.5	72.0	75.0	80.7	84.0	84.5	85.6	85.7	86.0	86.2	86.3	86.5	87.1
GE 70			43.7	49.2	64.0	72.9	76.1	82.1	85.8	86.7	87.7	87.9	88.1	88.3	88.5	88.7	89.3
GE 60			43.7	49.2	64.3	73.5	76.6	83.2	87.0	89.1	89.2	89.6	89.9	90.1	90.2	90.5	91.1
GE 50			43.7	49.2	64.4	73.9	77.4	83.9	87.7	88.8	89.9	90.4	90.6	91.1	91.4	91.7	92.3
GE 40			43.7	49.2	64.6	74.2	77.7	84.9	89.3	90.6	91.8	92.3	92.5	93.1	93.5	93.7	94.3
GE 30			43.7	49.2	64.6	74.2	77.7	84.9	89.4	90.7	91.9	92.7	93.0	93.7	94.4	94.8	95.5
GE 20			43.7	49.2	64.6	74.2	77.7	85.0	89.5	91.0	92.9	93.8	94.0	94.8	96.2	96.7	97.7
GE 10			43.7	49.2	64.6	74.2	77.7	85.0	89.5	91.0	92.9	93.8	94.2	94.9	96.7	97.5	99.6
GE 0			43.7	49.2	64.6	74.2	77.7	85.0	89.5	91.0	92.9	93.8	94.2	94.9	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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	16.8	19.0	23.1	25.4	26.0	28.7	29.8	29.8	30.1	30.1	30.2	30.4	30.5	30.5	30.5	30.5
GE 20000	18.2	20.6	25.5	27.7	28.8	31.7	33.0	33.0	33.3	33.3	33.6	33.7	33.8	33.9	34.4	34.4
GE 18000	18.2	20.6	25.5	27.7	28.8	31.7	33.0	33.0	33.3	33.3	33.6	33.7	33.8	33.9	34.4	34.4
GE 16000	18.2	20.6	25.5	27.7	28.8	31.7	33.0	33.0	33.3	33.3	33.6	33.7	33.8	33.9	34.4	34.4
GE 14000	18.2	20.6	25.5	27.7	28.8	31.7	33.0	33.0	33.3	33.3	33.6	33.7	33.8	33.9	34.4	34.4
GE 12000	18.2	20.6	25.5	27.7	28.8	31.7	33.0	33.0	33.3	33.3	33.6	33.7	33.8	33.9	34.4	34.4
GE 10000	19.3	22.0	26.9	29.3	30.4	33.2	34.5	34.5	34.9	34.9	35.1	35.2	35.4	35.5	36.0	36.0
GE 9000	19.6	22.4	27.3	29.6	30.7	33.6	34.9	34.9	35.2	35.2	35.5	35.6	35.7	35.8	36.3	36.3
GE 8000	22.9	26.4	31.5	34.5	36.0	39.4	40.7	40.7	41.1	41.1	41.3	41.4	41.5	41.7	42.1	42.1
GE 7000	23.1	26.7	32.1	35.2	36.7	40.1	41.4	41.4	41.8	41.8	42.0	42.1	42.3	42.4	42.9	42.9
GE 6000	23.1	26.7	32.1	35.2	36.7	40.1	41.4	41.4	41.8	41.8	42.0	42.1	42.3	42.4	42.9	42.9
GE 5000	23.6	27.6	33.3	36.4	37.9	41.4	42.9	42.9	43.2	43.2	43.5	43.6	43.7	43.8	44.3	44.3
GE 4500	24.6	28.7	34.8	37.9	39.3	42.9	44.3	44.3	44.6	44.6	44.9	45.0	45.1	45.2	45.7	45.7
GE 4000	28.7	33.0	40.4	43.8	45.4	49.6	51.1	51.1	51.4	51.4	51.7	51.8	51.9	52.0	52.5	52.5
GE 3500	30.7	35.0	42.7	46.3	47.9	52.1	53.7	53.7	54.0	54.0	54.4	54.5	54.6	54.8	55.2	55.2
GE 3000	36.5	41.3	50.7	54.8	56.7	61.4	63.0	63.0	63.3	63.3	63.7	63.8	63.9	64.0	64.5	64.5
GE 2500	36.8	41.9	51.7	56.2	58.6	63.7	65.4	65.4	65.7	65.7	66.1	66.2	66.3	66.4	66.9	66.9
GE 2000	41.0	46.1	56.9	62.5	65.1	70.6	72.4	72.4	72.7	72.7	73.2	73.3	73.5	73.6	74.0	74.0
GE 1800	41.3	46.4	57.3	63.1	65.8	71.3	73.1	73.1	73.5	73.5	73.9	74.0	74.2	74.3	74.8	74.8
GE 1500	42.6	48.2	59.8	65.6	69.0	74.6	76.5	76.5	77.6	77.7	78.1	78.2	78.3	78.5	78.9	78.9
GE 1200	42.9	48.5	60.8	67.5	71.2	77.0	79.0	79.6	80.5	80.6	81.0	81.1	81.2	81.3	81.8	81.8
GE 1000	43.1	48.7	62.1	69.8	73.6	80.1	82.4	83.0	83.8	83.9	84.3	84.4	84.5	84.6	85.1	85.1
GE 900	43.1	48.9	62.5	70.4	74.4	81.1	83.7	84.3	85.1	85.2	85.6	85.7	85.8	86.0	86.4	86.4
GE 800	43.1	48.9	63.1	71.1	75.2	81.9	84.6	85.2	86.1	86.4	86.8	86.9	87.0	87.1	87.7	87.7
GE 700	43.2	49.0	63.8	71.9	76.1	83.2	86.2	86.9	87.9	88.2	88.6	88.7	88.8	88.9	89.5	89.5
GE 600	43.3	49.2	64.0	72.5	76.7	85.0	88.0	88.7	89.8	90.4	90.7	90.8	91.2	91.3	92.0	92.0
GE 500	43.3	49.4	64.3	73.3	77.5	86.1	89.0	90.0	91.3	91.9	92.3	92.5	92.9	93.0	93.7	93.7
GE 400	43.3	49.4	64.3	73.3	77.6	86.7	90.0	91.3	92.9	93.5	93.8	94.0	94.4	94.5	95.2	95.2
GE 300	43.3	49.4	64.3	73.3	77.6	86.7	90.1	91.4	93.1	93.8	94.2	94.5	95.4	96.1	96.8	96.8
GE 200	43.3	49.4	64.3	73.3	77.6	86.7	90.1	91.4	93.3	94.0	94.5	95.0	96.2	97.5	98.2	98.2
GE 100	43.3	49.4	64.3	73.3	77.6	86.7	90.1	91.4	93.3	94.0	94.6	95.1	96.7	98.1	99.8	99.8
GE C	43.3	49.4	64.3	73.3	77.6	86.7	90.1	91.4	93.3	94.0	94.6	95.1	96.7	98.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(IST): C600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		14.1	15.8	19.5	22.3	23.1	24.8	25.6	25.6	26.0	26.0	26.2	26.3	26.6	26.7	26.8
GE 20000		15.9	17.7	22.3	25.5	26.6	28.5	30.1	30.1	30.5	30.5	30.7	30.8	31.1	31.2	31.3
GE 18000		15.9	17.7	22.3	25.5	26.6	28.5	30.1	30.1	30.5	30.5	30.7	30.8	31.1	31.2	31.3
GE 16000		15.9	17.7	22.3	25.5	26.6	28.5	30.1	30.1	30.5	30.5	30.7	30.8	31.1	31.2	31.3
GE 14000		15.9	17.7	22.3	25.5	26.6	28.5	30.1	30.1	30.5	30.5	30.7	30.8	31.1	31.2	31.3
GE 12000		16.0	17.8	22.4	25.6	26.7	28.6	30.2	30.2	30.6	30.6	30.8	31.0	31.2	31.3	31.4
GE 10000		16.3	18.3	23.0	26.2	27.3	29.2	30.8	30.8	31.2	31.2	31.4	31.6	31.8	31.9	32.0
GE 9000		16.7	18.7	23.5	26.7	27.8	29.7	31.3	31.3	31.7	31.7	31.9	32.7	32.3	32.4	32.5
GE 8000		19.8	22.3	27.0	31.7	32.9	35.2	37.1	37.1	37.6	37.6	37.8	38.0	38.2	38.3	38.4
GE 7000		19.9	22.5	28.1	32.1	33.3	35.8	37.8	37.8	38.3	38.3	38.6	38.7	38.9	39.0	39.1
GE 6000		19.9	22.5	28.1	32.1	33.3	35.9	38.0	38.0	38.4	38.4	38.7	38.8	39.0	39.1	39.3
GE 5000		19.9	23.5	29.2	33.6	34.8	37.4	39.5	39.5	40.0	40.0	40.2	40.6	40.8	40.9	41.0
GE 4500		20.2	23.7	29.7	34.3	35.5	38.1	40.2	40.2	40.7	40.7	40.9	41.3	41.5	41.6	41.8
GE 4000		24.1	27.9	34.9	39.7	41.2	44.4	46.6	46.7	47.4	47.4	47.7	48.0	48.3	48.4	48.5
GE 3500		26.3	30.2	37.8	43.2	44.7	48.0	50.5	50.7	51.4	51.4	51.6	52.0	52.2	52.3	52.4
GE 3000		32.4	36.8	46.0	51.8	54.0	57.8	60.5	60.7	61.9	61.9	62.2	62.5	62.8	62.9	63.0
GE 2500		33.9	38.4	48.0	54.1	56.3	60.3	63.0	63.2	64.4	64.4	64.7	65.0	65.2	65.4	65.5
GE 2000		37.7	42.8	52.9	60.1	62.6	67.0	70.0	70.5	71.6	71.6	72.1	72.5	72.7	72.8	73.0
GE 1800		38.2	43.3	53.5	60.7	63.5	67.9	70.8	71.3	72.5	72.6	73.1	73.4	73.7	73.9	74.0
GE 1600		38.9	44.1	55.0	62.5	65.6	70.3	73.7	74.1	75.7	75.9	76.4	76.7	77.0	77.2	77.3
GE 1400		39.3	45.0	57.5	66.1	69.5	74.5	78.3	78.8	80.3	80.5	81.0	81.4	81.9	82.1	82.2
GE 1200		39.3	45.0	57.8	66.4	70.1	75.6	79.8	80.3	82.0	82.2	82.7	83.0	83.5	83.7	83.9
GE 1000		39.3	45.1	58.0	67.3	70.9	76.7	81.1	81.6	83.3	83.5	84.0	84.3	84.8	85.1	85.2
GE 900		39.4	45.2	58.4	67.7	71.4	77.7	82.3	82.9	84.6	84.8	85.3	85.6	86.1	86.4	86.5
GE 800		39.5	45.4	58.8	68.7	72.4	78.8	83.7	84.5	86.2	86.5	87.0	87.3	87.8	88.0	88.1
GE 700		39.5	45.4	59.2	69.0	72.7	79.7	84.7	85.4	87.4	87.7	88.3	88.6	89.6	89.8	89.9
GE 600		39.5	45.4	59.4	69.4	73.1	80.2	85.6	86.7	88.8	89.1	89.7	90.0	91.0	91.2	91.3
GE 500		39.5	45.4	59.4	69.5	73.3	81.0	86.6	87.7	89.9	90.2	90.7	91.1	92.2	92.4	92.5
GE 400		39.5	45.4	59.4	69.6	73.5	81.4	87.3	88.5	90.7	91.1	91.8	92.6	94.2	94.7	95.1
GE 300		39.5	45.4	59.4	69.6	73.5	81.4	87.3	88.5	91.0	91.7	92.8	93.8	96.0	97.0	98.1
GE 200		39.5	45.4	59.4	69.6	73.5	81.4	87.3	88.5	91.0	91.7	92.8	93.8	96.1	97.9	100.0
GE 100		39.5	45.4	59.4	69.6	73.5	81.4	87.3	88.5	91.0	91.7	92.8	93.8	96.1	97.9	100.0
GE 0		39.5	45.4	59.4	69.6	73.5	81.4	87.3	88.5	91.0	91.7	92.8	93.8	96.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: P43

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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 3
NO CEIL		13.4	15.4	18.4	20.0	20.7	21.6	22.3	22.4	22.7	22.9	22.9	22.9	23.2	23.2	23.2
GE 20000		16.9	19.5	24.0	26.7	28.0	29.5	30.4	30.6	30.9	31.1	31.1	31.1	31.5	31.5	31.5
GE 18000		16.9	19.5	24.3	27.1	28.4	29.8	31.0	31.2	31.5	31.7	31.7	31.7	32.1	32.1	32.1
GE 16000		16.9	19.5	24.3	27.1	28.4	29.8	31.0	31.2	31.5	31.7	31.7	31.7	32.1	32.1	32.1
GE 14000		16.9	19.5	24.3	27.1	28.4	29.8	31.0	31.2	31.5	31.7	31.7	31.7	32.1	32.1	32.1
GE 12000		17.1	19.7	24.6	27.3	28.6	30.0	31.2	31.5	31.7	31.9	31.9	31.9	32.3	32.3	32.3
GE 10000		16.1	20.9	26.1	28.9	30.2	31.6	32.8	33.0	33.3	33.5	33.5	33.5	33.8	33.8	33.8
GE 9000		18.4	21.3	26.6	29.3	30.6	32.1	33.3	33.5	33.7	34.0	34.0	34.0	34.3	34.3	34.3
GE 8000		21.1	24.1	30.3	33.6	35.0	37.1	38.2	38.5	38.8	39.1	39.1	39.1	39.4	39.4	39.4
GE 7000		21.5	24.7	30.9	34.6	36.0	38.4	40.0	40.3	40.6	40.9	40.9	40.9	41.2	41.2	41.2
GE 6000		21.5	24.7	31.0	34.7	36.1	38.5	40.1	40.4	40.7	41.0	41.0	41.0	41.3	41.3	41.3
GE 5000		22.8	26.0	32.4	36.2	37.8	40.5	42.3	42.5	42.9	43.1	43.1	43.2	43.6	43.6	43.6
GE 4500		23.2	26.4	32.9	37.1	38.7	41.6	43.3	43.6	44.1	44.3	44.3	44.4	44.8	44.8	44.8
GE 4000		25.7	29.1	36.8	41.8	43.6	47.1	49.0	49.3	49.9	50.2	50.2	50.5	50.8	50.8	50.8
GE 3500		27.8	31.5	39.7	44.7	46.4	50.6	52.6	52.9	53.4	53.8	53.8	54.0	54.4	54.4	54.4
GE 3000		30.6	34.8	44.9	52.4	52.7	56.9	59.1	59.6	60.6	61.0	61.0	61.3	61.6	61.6	61.6
GE 2500		31.4	35.6	46.1	51.7	54.0	58.2	63.5	63.9	62.0	62.5	62.5	62.7	63.1	63.1	63.1
GE 2000		35.7	40.4	51.9	58.8	61.2	65.7	69.3	68.8	70.0	70.4	70.4	70.8	71.1	71.1	71.1
GE 1800		36.0	40.6	52.5	59.6	62.2	66.7	69.4	70.0	71.1	71.6	71.7	72.0	72.3	72.3	72.3
GE 1500		36.7	41.3	53.9	62.7	65.7	70.7	74.1	74.7	76.6	77.2	77.3	77.6	77.9	77.9	77.9
GE 1200		37.5	42.2	55.6	64.7	68.4	74.2	78.1	78.9	80.9	81.5	81.6	81.8	82.3	82.3	82.3
GE 1000		37.9	42.5	56.3	65.6	70.0	76.2	81.1	81.8	84.0	84.6	84.8	85.0	85.5	85.5	85.6
GE 900		37.9	42.5	56.7	66.0	70.4	77.0	81.8	82.5	84.7	85.3	85.5	85.7	86.2	86.2	86.3
GE 800		38.4	43.0	57.2	66.6	71.0	77.8	82.9	83.6	86.0	86.7	86.9	87.2	87.6	87.6	87.8
GE 700		38.4	43.0	57.6	67.5	71.9	78.7	84.0	85.0	87.4	88.1	88.4	88.6	89.1	89.1	89.2
GE 600		38.4	43.0	57.6	67.7	72.2	79.3	84.7	85.7	88.1	88.8	89.2	89.5	90.3	90.3	90.4
GE 500		38.4	43.0	57.6	67.9	72.4	79.7	85.7	87.2	89.9	90.6	91.0	91.3	92.3	92.3	92.4
GE 400		38.4	43.0	57.6	67.9	72.6	79.8	86.1	87.5	90.7	91.7	92.0	92.4	93.3	93.3	93.5
GE 300		38.4	43.0	57.6	67.9	72.6	79.8	86.2	87.6	91.0	92.3	92.9	93.6	94.8	94.8	95.0
GE 200		38.4	43.0	57.6	67.9	72.6	79.8	86.2	87.9	91.3	92.8	93.3	94.3	96.7	97.4	98.3
GE 100		38.4	43.0	57.6	67.9	72.6	79.8	86.2	87.9	91.3	92.8	93.3	94.3	96.7	97.7	99.9
GE		38.4	43.0	57.6	67.9	72.6	79.8	86.2	87.9	91.3	92.8	93.3	94.4	96.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 942

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 335963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 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	1		15.3	16.0	18.6	20.5	20.9	22.2	22.4	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 20000			19.4	20.5	25.1	27.7	28.3	31.0	31.5	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8
GE 18000			19.4	20.5	25.1	27.8	28.4	31.1	31.6	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9
GE 16000			19.4	20.5	25.1	27.8	28.4	31.1	31.6	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9
GE 14000			19.6	20.8	25.3	28.0	28.6	31.4	31.8	31.8	32.1	32.1	32.2	32.2	32.2	32.2	32.2
GE 12000			19.6	20.8	25.3	28.0	28.6	31.4	31.8	31.8	32.1	32.1	32.2	32.2	32.2	32.2	32.2
GE 10000			21.1	22.4	27.3	30.3	30.9	33.6	34.2	34.2	34.4	34.4	34.6	34.6	34.6	34.6	34.6
GE 9000			21.5	22.9	27.8	30.9	31.5	34.2	34.8	34.8	35.0	35.0	35.2	35.2	35.2	35.2	35.2
GE 8000			24.3	25.8	32.5	36.3	37.1	39.9	40.5	40.5	40.7	40.7	40.9	40.9	40.9	40.9	40.9
GE 7000			24.7	26.1	33.5	37.4	38.1	41.2	41.8	41.8	42.0	42.0	42.2	42.2	42.2	42.2	42.2
GE 6000			24.7	26.1	33.5	37.4	38.1	41.2	41.8	41.8	42.0	42.0	42.2	42.2	42.2	42.2	42.2
GE 5000			26.1	27.8	35.4	39.3	40.3	43.5	44.1	44.1	44.3	44.3	44.4	44.4	44.4	44.4	44.4
GE 4500			27.3	29.0	36.8	41.0	41.9	45.1	45.7	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1
GE 4000			29.9	32.1	41.0	45.6	46.6	50.0	50.6	50.6	51.2	51.2	51.3	51.4	51.4	51.4	51.4
GE 3500			32.7	34.9	44.3	49.3	50.2	54.0	55.0	55.0	55.6	55.6	55.7	55.8	55.8	55.8	55.8
GE 3000			38.1	40.9	53.3	59.0	60.1	64.3	65.4	65.8	66.6	66.6	66.7	66.9	67.0	67.0	67.0
GE 2500			38.8	41.6	54.2	60.0	61.2	65.3	66.6	67.0	67.8	67.8	67.9	68.1	68.2	68.2	68.2
GE 2000			41.4	44.5	58.7	64.8	66.3	71.0	72.3	72.8	73.6	73.6	73.8	73.9	74.0	74.0	74.0
GE 1800			41.6	44.7	59.0	65.2	66.6	71.5	72.8	73.3	74.1	74.1	74.2	74.3	74.5	74.5	74.5
GE 1500			42.4	45.7	61.5	69.1	70.8	76.0	78.0	78.7	79.8	79.8	79.9	80.0	80.2	80.2	80.2
GE 1200			43.6	47.3	64.1	72.6	74.7	80.4	82.8	83.8	85.2	85.2	85.3	85.4	85.5	85.5	85.5
GE 1000			43.8	47.4	64.7	73.4	76.5	82.4	85.2	86.2	87.9	87.9	88.0	88.1	88.2	88.2	88.2
GE 900			43.9	47.5	65.4	74.5	77.8	83.8	86.7	87.8	89.4	89.4	89.5	89.7	89.8	89.8	89.8
GE 800			43.9	47.5	65.7	75.1	78.4	84.6	87.5	88.7	90.5	90.5	91.0	91.4	91.6	91.6	91.6
GE 700			43.9	47.5	65.7	75.1	78.5	84.9	87.9	89.4	91.2	91.2	91.7	92.2	92.3	92.3	92.3
GE 600			43.9	47.5	65.7	75.4	78.9	86.0	89.3	90.9	92.6	92.6	93.2	93.8	93.9	93.9	93.9
GE 500			43.9	47.5	65.9	75.8	79.3	87.1	91.0	92.9	94.8	94.9	95.5	96.1	96.2	96.2	96.2
GE 400			43.9	47.5	65.9	75.8	79.3	87.3	91.3	93.2	95.4	95.5	96.1	96.8	96.9	96.9	96.9
GE 300			43.9	47.5	65.9	75.8	79.3	87.3	91.3	93.3	95.6	96.0	96.7	97.6	97.7	97.7	97.7
GE 200			43.9	47.5	65.9	75.8	79.3	87.3	91.4	93.5	95.7	96.2	96.9	98.6	99.2	99.2	99.6
GE 100			43.9	47.5	65.9	75.8	79.3	87.3	91.4	93.5	95.7	96.2	96.9	98.6	99.2	99.4	100.0
GE 0			43.9	47.5	65.9	75.8	79.3	87.3	91.4	93.5	95.7	96.2	96.9	98.6	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GT 160	GE 90	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
NO CEIL			15.0	17.0	20.6	22.1	23.0	24.5	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 20000			20.1	22.7	28.5	30.5	31.7	33.9	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 18000			20.1	22.7	28.6	30.6	31.8	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000			20.1	22.7	28.6	30.6	31.8	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000			20.1	22.7	28.6	30.6	31.8	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 12000			20.1	22.7	28.6	30.6	31.8	34.0	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 10000			21.7	24.3	30.7	32.7	33.9	36.3	36.8	37.0	37.0	37.0	37.1	37.1	37.1	37.1
GE 9000			21.8	24.4	30.8	32.9	34.0	36.5	37.0	37.3	37.3	37.3	37.4	37.4	37.4	37.4
GE 8000			23.6	26.3	33.9	36.7	38.2	40.8	41.4	41.7	41.7	41.7	41.8	41.8	41.8	41.8
GE 7000			24.3	27.3	35.1	38.1	39.6	42.4	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3
GE 6000			24.3	27.3	35.1	38.1	39.6	42.4	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3
GE 5000			25.0	28.0	36.2	39.2	40.8	43.7	44.4	44.6	44.6	44.6	44.8	44.8	44.8	44.8
GE 4500			26.3	29.3	37.6	40.6	42.4	45.2	46.0	46.2	46.2	46.2	46.3	46.3	46.3	46.3
GE 4000			29.2	32.1	41.2	44.6	46.4	49.6	50.7	51.0	51.3	51.3	51.4	51.4	51.4	51.4
GE 3500			31.2	34.4	44.2	48.1	49.9	53.7	54.9	55.1	55.5	55.5	55.6	55.6	55.6	55.6
GE 3000			36.4	41.3	54.0	58.6	60.4	64.5	66.0	66.3	66.7	66.7	66.8	66.8	66.8	66.8
GE 2500			36.7	41.5	54.8	59.4	61.2	65.5	66.9	67.3	67.6	67.6	67.7	67.7	67.7	67.7
GE 2000			39.8	45.8	60.0	65.2	67.9	72.7	74.2	74.5	75.0	75.0	75.1	75.1	75.1	75.1
GE 1800			39.8	46.0	60.6	65.8	68.5	73.6	75.0	75.4	75.8	75.8	76.0	76.0	76.0	76.0
GE 1500			41.2	47.6	63.3	69.8	72.5	78.2	80.4	80.7	81.5	81.8	81.9	81.9	81.9	81.9
GE 1200			42.0	48.7	65.4	72.7	76.0	82.6	84.8	85.4	86.3	86.5	86.7	86.7	86.7	86.7
GE 1000			42.3	48.9	66.1	73.9	77.5	84.4	86.7	87.3	88.5	88.8	88.9	88.9	88.9	88.9
GE 900			42.3	48.9	66.3	74.5	78.1	85.2	87.6	88.2	89.5	89.9	90.0	90.0	90.0	90.0
GE 800			42.3	48.9	66.4	74.6	78.3	85.7	88.3	88.9	90.4	90.7	90.8	90.8	90.8	90.8
GE 700			42.3	48.9	66.4	74.9	78.5	86.2	89.3	90.0	91.5	92.0	92.1	92.1	92.1	92.1
GE 600			42.3	48.9	66.4	75.0	78.6	86.7	89.8	90.6	92.1	92.7	92.9	92.9	92.9	92.9
GE 500			42.3	48.9	66.5	75.2	78.8	87.1	90.6	92.4	94.3	95.2	95.8	96.0	96.0	96.0
GE 400			42.3	48.9	66.5	75.2	78.8	87.4	91.1	92.9	95.4	96.3	96.9	97.0	97.0	97.0
GE 300			42.3	48.9	66.5	75.2	78.9	87.5	91.2	93.0	95.5	96.8	97.4	97.5	97.9	97.9
GE 200			42.3	48.9	66.5	75.2	78.9	87.5	91.2	93.1	95.8	97.4	98.0	98.6	99.3	99.9
GE 100			42.3	48.9	66.5	75.2	78.9	87.5	91.2	93.1	95.8	97.4	98.0	98.6	99.3	100.0
GE 0			42.3	48.9	66.5	75.2	78.9	87.5	91.2	93.1	95.8	97.4	98.0	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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 9	GE 5	GE 4	GE 0
NO CEIL	1	18.3	21.4	26.3	29.4	30.2	31.8	32.1	32.1	32.3	32.3	32.3	32.3	32.4	32.4	32.4	
GE 20000		20.7	24.8	30.4	34.2	35.2	36.8	37.6	37.9	38.0	38.0	38.0	38.0	38.1	38.1	38.1	
GE 18000		20.7	24.8	30.5	34.3	35.4	36.9	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	
GE 16000		20.7	24.8	30.5	34.3	35.4	36.9	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	
GE 14000		20.7	24.8	30.5	34.3	35.4	36.9	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	
GE 12000		20.7	24.8	30.5	34.3	35.4	36.9	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	
GE 10000		21.4	25.7	31.5	35.4	36.4	38.1	39.0	39.4	39.5	39.5	39.5	39.6	39.6	39.8	39.8	
GE 9000		21.4	25.7	31.5	35.4	36.4	38.1	39.0	39.4	39.5	39.5	39.5	39.6	39.6	39.8	39.8	
GE 8000		23.3	27.7	33.9	38.2	39.6	41.3	42.4	42.9	43.2	43.2	43.2	43.3	43.3	43.5	43.5	
GE 7000		23.7	28.2	34.6	38.9	40.4	42.4	43.5	43.9	44.3	44.3	44.3	44.4	44.4	44.5	44.5	
GE 6000		23.7	28.2	34.6	38.9	40.4	42.4	43.5	43.9	44.3	44.3	44.3	44.4	44.4	44.5	44.5	
GE 5000		24.4	28.9	35.7	40.4	42.0	44.0	45.1	45.7	46.1	46.1	46.2	46.2	46.2	46.3	46.3	
GE 4500		25.2	29.8	36.8	41.4	43.1	45.1	46.2	46.8	47.1	47.1	47.3	47.3	47.4	47.4	47.4	
GE 4000		28.3	33.6	41.7	47.0	48.8	51.7	53.0	53.6	54.0	54.0	54.2	54.2	54.4	54.5	54.5	
GE 3500		29.6	34.9	43.8	49.4	51.2	54.9	56.4	57.0	57.5	57.5	57.6	57.9	58.0	58.0	58.0	
GE 3000		34.4	40.4	51.4	58.3	60.1	64.2	66.1	66.8	67.3	67.3	67.4	67.6	67.7	67.7	67.7	
GE 2500		34.9	40.8	52.4	59.6	61.4	66.1	68.0	68.7	69.2	69.2	69.3	69.5	69.6	69.6	69.6	
GE 2000		38.0	44.5	58.2	66.2	68.1	73.5	75.7	76.4	77.0	77.0	77.1	77.4	77.5	77.5	77.5	
GE 1800		38.0	44.6	58.6	67.0	69.0	74.4	76.7	77.4	78.0	78.0	78.1	78.3	78.5	78.5	78.5	
GE 1500		38.3	45.2	60.0	68.7	71.2	77.3	80.1	80.8	81.8	81.9	82.0	82.3	82.4	82.4	82.4	
GE 1200		39.3	46.2	61.4	71.2	74.2	80.6	83.5	84.3	85.2	85.4	85.5	85.7	85.8	85.8	85.8	
GE 1000		39.9	46.8	62.6	72.5	75.8	82.4	85.6	86.4	87.6	87.7	88.0	88.2	88.3	88.3	88.3	
GE 900		39.9	46.8	62.7	73.0	76.3	82.9	86.4	87.3	88.5	88.6	88.8	89.0	89.2	89.2	89.2	
GE 800		39.9	46.8	62.7	73.0	76.3	82.9	86.4	87.6	88.8	88.9	89.2	89.4	89.5	89.5	89.5	
GE 700		40.0	46.9	62.9	73.1	76.4	83.1	87.0	88.7	89.9	90.1	90.4	90.6	90.7	90.7	90.7	
GE 600		40.0	46.9	62.9	73.3	76.7	83.7	87.7	89.4	91.0	91.2	91.4	91.7	91.8	91.8	91.8	
GE 500		40.0	46.9	63.0	73.6	77.1	84.2	88.3	90.2	92.7	93.3	93.7	93.9	94.0	94.0	94.0	
GE 400		40.0	46.9	63.0	73.8	77.4	84.9	89.4	91.7	94.4	95.4	95.8	96.2	96.3	96.3	96.3	
GE 300		40.0	46.9	63.0	73.8	77.5	85.2	90.1	92.5	96.0	97.0	97.5	97.9	98.2	98.2	98.2	
GE 200		40.0	46.9	63.0	73.8	77.5	85.2	90.1	92.5	96.2	97.6	98.2	98.6	99.5	99.5	99.5	
GE 100		40.0	46.9	63.0	73.8	77.5	85.2	90.1	92.5	96.2	97.6	98.2	98.6	99.5	99.5	99.5	
GE 0		40.0	46.9	63.0	73.8	77.5	85.2	90.1	92.5	96.2	97.6	98.2	98.6	99.5	99.5	99.5	
GE 0		40.0	46.9	63.0	73.8	77.5	85.2	90.1	92.5	96.2	97.6	98.2	98.6	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(IST): 1100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	1		21.7	24.4	28.2	32.4	33.2	34.2	35.2	35.2	35.5	35.8	35.8	36.0	36.1	36.2	36.4
GE 20000			23.7	26.7	31.5	36.5	37.7	39.3	40.8	40.8	41.1	41.4	41.4	41.5	41.7	42.0	42.3
GE 18000			23.7	26.7	31.5	36.5	37.7	39.3	40.8	40.8	41.1	41.4	41.4	41.5	41.7	42.0	42.3
GE 16000			23.7	26.7	31.5	36.5	37.7	39.3	40.8	40.8	41.1	41.4	41.4	41.5	41.7	42.0	42.3
GE 14000			23.7	26.7	31.5	36.5	37.7	39.3	40.8	40.8	41.1	41.4	41.4	41.5	41.7	42.0	42.3
GE 12000			23.7	26.7	31.5	36.5	37.7	39.3	40.8	40.8	41.1	41.4	41.4	41.5	41.7	42.0	42.3
GE 10000			24.2	27.1	32.0	37.0	38.2	39.8	41.4	41.4	41.7	42.0	42.0	42.1	42.3	42.6	42.9
GE 9000			24.2	27.1	32.0	37.0	38.2	39.8	41.4	41.4	41.7	42.0	42.0	42.1	42.3	42.6	42.9
GE 8000			25.6	28.7	34.2	39.5	40.7	42.3	44.0	44.0	44.3	44.6	44.6	44.8	44.9	45.2	45.5
GE 7000			26.3	29.5	35.0	40.6	41.8	43.5	45.2	45.2	45.5	45.8	45.8	46.0	46.1	46.4	46.7
GE 6000			26.3	29.5	35.0	40.6	41.8	43.5	45.2	45.2	45.5	45.8	45.8	46.0	46.1	46.4	46.7
GE 5000			26.7	29.9	35.4	41.3	42.9	44.5	46.4	46.4	46.7	47.0	47.0	47.1	47.3	47.6	47.9
GE 4500			27.9	31.1	36.9	42.9	44.4	46.4	48.3	48.3	48.6	48.9	48.9	49.0	49.2	49.5	49.8
GE 4000			30.5	34.3	40.5	47.0	48.8	51.8	53.7	53.7	53.9	54.3	54.3	54.4	54.6	55.0	55.2
GE 3500			32.5	36.3	43.5	50.4	52.3	56.3	58.5	58.5	58.7	59.0	59.0	59.2	59.5	59.9	60.1
GE 3000			36.2	40.1	48.1	55.5	57.4	61.4	63.6	63.7	64.2	64.5	64.5	64.6	65.0	65.4	65.6
GE 2500			37.1	41.1	49.5	57.7	59.6	63.9	66.1	66.2	66.7	67.0	67.0	67.1	67.5	67.9	68.1
GE 2000			41.2	45.4	55.7	65.5	67.4	72.5	74.9	75.1	75.6	76.0	76.0	76.1	76.4	76.8	77.0
GE 1800			41.2	45.4	56.2	66.3	68.3	73.5	75.8	76.1	76.5	76.9	76.9	77.0	77.4	77.7	78.0
GE 1500			41.8	46.0	58.0	68.7	71.1	76.2	78.9	79.2	80.0	80.4	80.4	80.5	80.8	81.2	81.4
GE 1200			42.5	47.0	60.0	71.7	74.4	80.4	83.3	83.7	84.9	85.2	85.2	85.4	85.7	86.1	86.3
GE 1000			43.2	47.7	61.0	73.0	75.8	82.0	85.1	85.5	86.7	87.0	87.0	87.1	87.5	87.9	88.1
GE 900			43.2	47.7	61.0	73.1	76.1	82.3	85.4	86.2	87.4	87.7	87.7	87.9	88.2	88.6	88.8
GE 800			43.3	47.9	61.4	73.6	76.6	83.0	86.3	87.1	88.3	88.7	88.7	88.8	89.2	89.5	89.8
GE 700			43.6	48.1	61.7	73.9	77.4	83.8	88.1	89.6	90.8	91.2	91.2	91.3	91.7	92.0	92.3
GE 600			43.6	48.1	61.7	74.2	77.7	84.5	88.9	90.5	91.8	92.1	92.1	92.3	92.6	93.0	93.2
GE 500			43.6	48.1	62.0	75.1	78.7	85.5	90.0	91.5	93.2	93.6	93.6	93.7	94.0	94.4	94.6
GE 400			43.6	48.1	62.1	75.5	79.0	86.3	91.4	93.5	95.4	96.1	96.1	96.2	96.7	97.0	97.3
GE 300			43.6	48.1	62.1	75.5	79.0	86.3	91.4	93.5	96.1	96.8	96.8	96.9	97.4	97.7	98.2
GE 200			43.6	48.1	62.1	75.5	79.0	86.3	91.4	93.5	96.4	97.3	97.5	97.7	98.2	98.8	99.4
GE 100			43.6	48.1	62.1	75.5	79.0	86.3	91.4	93.5	96.4	97.3	97.5	97.7	98.2	98.8	99.6
GE 0			43.6	48.1	62.1	75.5	79.0	86.3	91.4	93.5	96.4	97.3	97.5	97.7	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
GE	FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL			16.8	19.0	22.7	25.2	25.8	27.4	28.0	28.1	28.3	28.4	28.5	28.5	28.6	28.7	28.8
GE 2000			19.6	22.1	27.1	30.1	31.2	33.2	34.3	34.4	34.6	34.7	34.8	34.9	35.0	35.1	35.3
GE 1800			19.6	22.1	27.1	30.2	31.3	33.3	34.4	34.5	34.7	34.8	34.9	35.0	35.1	35.2	35.4
GE 1600			19.6	22.1	27.1	30.2	31.3	33.3	34.4	34.5	34.7	34.8	34.9	35.0	35.1	35.2	35.4
GE 1400			19.6	22.2	27.2	30.3	31.4	33.4	34.5	34.6	34.8	34.9	35.0	35.1	35.2	35.3	35.5
GE 1200			19.7	22.2	27.2	30.3	31.4	33.4	34.5	34.6	34.8	34.9	35.0	35.1	35.2	35.3	35.5
GE 1000			20.7	23.5	28.7	31.8	32.9	35.0	36.1	36.2	36.4	36.5	36.7	36.7	36.9	37.0	37.1
GE 900			20.9	23.7	28.9	32.1	33.2	35.3	36.4	36.5	36.7	36.8	37.0	37.0	37.2	37.3	37.4
GE 800			23.3	26.4	32.4	36.1	37.3	39.7	40.9	41.0	41.3	41.4	41.5	41.6	41.8	41.9	42.0
GE 700			23.8	26.9	33.1	37.0	38.2	40.8	42.1	42.2	42.5	42.6	42.7	42.8	42.9	43.0	43.2
GE 600			23.8	26.9	33.1	37.0	38.3	40.8	42.1	42.2	42.5	42.6	42.7	42.8	42.9	43.0	43.2
GE 500			24.4	27.8	34.2	38.2	39.6	42.3	43.7	43.8	44.1	44.2	44.3	44.4	44.6	44.7	44.9
GE 400			25.2	28.6	35.3	39.5	40.9	43.6	45.0	45.1	45.4	45.5	45.7	45.8	45.9	46.0	46.2
GE 300			28.4	32.1	39.7	44.4	45.9	49.3	50.8	50.9	51.4	51.5	51.6	51.8	51.9	52.0	52.2
GE 200			30.4	34.2	42.5	47.4	49.0	52.9	54.6	54.7	55.2	55.3	55.4	55.6	55.7	55.8	56.0
GE 100			35.2	39.6	49.8	55.3	57.1	61.3	63.1	63.4	64.1	64.2	64.3	64.5	64.7	64.8	65.0
GE 2000			35.9	40.3	50.9	56.7	58.6	63.0	64.9	65.2	65.9	66.0	66.1	66.3	66.5	66.6	66.8
GE 1800			39.5	44.4	56.3	63.2	65.3	70.2	72.3	72.7	73.4	73.5	73.7	73.9	74.1	74.2	74.4
GE 1600			40.7	44.7	56.9	64.1	66.2	71.0	73.3	73.6	74.3	74.5	74.7	74.9	75.0	75.2	75.3
GE 1400			40.5	45.7	58.9	66.7	69.3	74.6	77.2	77.7	78.8	79.0	79.2	79.4	79.6	79.7	79.9
GE 1200			41.3	46.6	60.7	69.4	72.5	78.3	81.2	81.8	83.1	83.2	83.4	83.6	83.8	84.0	84.1
GE 1000			41.6	47.0	61.6	70.7	74.1	80.3	83.5	84.1	85.5	85.7	85.9	86.1	86.3	86.4	86.6
GE 900			41.6	47.0	61.9	71.2	74.7	81.0	84.4	85.1	86.5	86.7	86.9	87.1	87.3	87.4	87.6
GE 800			41.7	47.1	62.3	71.7	75.3	81.8	85.3	86.1	87.5	87.8	88.1	88.3	88.5	88.6	88.9
GE 700			41.8	47.3	62.6	72.2	75.9	82.6	86.5	87.6	89.1	89.4	89.7	89.9	90.1	90.2	90.4
GE 600			41.8	47.3	62.7	72.6	76.3	83.5	87.5	88.7	90.2	90.6	91.0	91.2	91.6	91.7	91.9
GE 500			41.8	47.3	62.9	73.0	76.8	84.2	88.5	90.0	91.9	92.4	92.8	93.1	93.5	93.6	93.8
GE 400			41.8	47.3	62.9	73.2	77.0	84.8	89.4	91.0	93.2	93.8	94.2	94.6	95.0	95.2	95.4
GE 300			41.8	47.3	62.9	73.2	77.0	84.9	89.6	91.3	93.7	94.6	95.0	95.5	96.2	96.5	96.8
GE 200			41.8	47.3	62.9	73.2	77.0	84.9	89.7	91.4	94.1	95.1	95.7	96.4	97.7	98.2	98.9
GE 100			41.8	47.3	62.9	73.2	77.0	84.9	89.7	91.4	94.1	95.1	95.7	96.4	97.8	98.5	99.9
GE 0			41.8	47.3	62.9	73.2	77.0	84.9	89.7	91.4	94.1	95.1	95.7	96.5	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 6727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3	2
NO CEIL		27.3	30.9	34.8	35.8	36.8	38.2	38.7	38.8	39.1	39.2	39.2	39.2	39.3	39.3	39.3	
GE 20000		29.9	33.7	37.9	39.3	40.2	41.7	42.8	42.9	43.4	43.5	43.5	43.5	43.7	43.7	43.7	
GE 18000		29.9	33.7	37.9	39.3	40.2	41.7	42.8	42.9	43.4	43.5	43.5	43.5	43.7	43.7	43.7	
GE 16000		29.9	33.7	37.9	39.3	40.2	41.7	42.8	42.9	43.4	43.5	43.5	43.5	43.7	43.7	43.7	
GE 14000		29.9	33.7	37.9	39.3	40.2	41.7	42.8	42.9	43.4	43.5	43.5	43.5	43.7	43.7	43.7	
GE 12000		29.9	33.7	37.9	39.3	40.2	41.7	42.8	42.9	43.4	43.5	43.5	43.5	43.7	43.7	43.7	
GE 10000		30.4	34.4	38.6	40.0	41.0	42.6	43.7	43.8	44.2	44.3	44.3	44.3	44.6	44.6	44.6	
GE 9000		30.4	34.4	38.6	40.0	41.0	42.6	43.7	43.8	44.2	44.3	44.3	44.3	44.6	44.6	44.6	
GE 8000		33.1	38.2	43.0	44.8	45.7	47.6	48.7	48.8	49.2	49.3	49.3	49.3	49.5	49.5	49.5	
GE 7000		33.7	38.7	43.6	45.3	46.3	48.1	49.2	49.3	49.7	49.8	49.8	49.8	50.1	50.1	50.1	
GE 6000		33.9	38.9	43.8	45.5	46.5	48.3	49.4	49.5	49.9	50.1	50.1	50.1	50.3	50.3	50.3	
GE 5000		36.0	41.2	46.1	47.9	48.9	50.9	52.0	52.1	52.5	52.6	52.6	52.6	52.9	52.9	52.9	
GE 4500		36.4	41.6	46.6	48.4	49.4	51.5	52.5	52.6	53.1	53.2	53.2	53.2	53.4	53.4	53.4	
GE 4000		39.8	46.0	51.2	53.1	54.2	56.4	57.6	57.7	58.5	58.6	58.6	58.6	58.8	58.8	58.8	
GE 3500		41.7	48.5	54.7	56.5	57.7	60.0	61.2	61.3	62.1	62.2	62.2	62.2	62.5	62.5	62.5	
GE 3000		45.4	53.3	60.6	63.4	64.8	68.0	69.8	70.3	71.2	71.3	71.3	71.3	71.5	71.5	71.5	
GE 2500		46.1	54.2	61.8	64.9	66.3	69.5	71.4	72.0	72.8	72.9	72.9	72.9	73.1	73.1	73.1	
GE 2000		46.3	56.9	65.3	69.6	71.2	74.9	76.7	77.5	78.4	78.5	78.5	78.5	78.7	78.7	78.7	
GE 1800		49.2	58.0	66.5	70.8	72.4	76.1	78.1	78.7	79.6	79.7	79.7	79.7	79.9	79.9	79.9	
GE 1500		49.7	58.7	67.9	72.3	73.9	77.9	80.0	80.7	81.6	81.7	81.7	81.7	81.9	81.9	81.9	
GE 1200		51.3	60.6	70.6	75.2	76.9	81.0	83.2	83.8	84.7	84.8	84.8	84.8	85.0	85.0	85.0	
GE 1000		52.1	61.6	71.8	76.7	78.4	82.7	84.9	85.5	86.4	86.5	86.5	86.5	86.7	86.7	86.7	
GE 900		52.3	61.8	72.3	77.1	78.9	83.2	85.3	86.0	86.6	86.6	86.6	86.6	86.9	86.9	86.9	
GE 800		52.6	62.2	73.0	78.2	79.9	84.7	87.2	87.8	88.7	88.8	88.8	88.8	89.0	89.0	89.0	
GE 700		53.1	63.0	74.3	79.9	81.9	86.7	89.2	89.9	90.7	90.8	90.8	90.8	91.0	91.0	91.0	
GE 600		53.3	63.5	75.3	81.0	83.0	88.2	90.7	91.4	92.2	92.3	92.3	92.3	92.6	92.6	92.6	
GE 500		53.3	63.5	75.6	81.6	83.5	89.2	92.1	93.0	93.9	94.0	94.0	94.0	94.2	94.2	94.2	
GE 400		53.3	63.5	75.6	81.8	83.7	89.9	92.8	93.9	94.7	94.8	94.8	94.8	95.1	95.1	95.1	
GE 300		53.3	63.5	75.6	82.0	83.9	90.3	93.3	94.6	95.8	95.9	95.9	95.9	96.2	96.2	96.2	
GE 200		53.3	63.5	75.7	82.1	84.0	90.5	93.9	95.5	96.9	97.2	97.2	97.2	97.4	97.4	97.4	
GE 100		53.3	63.5	75.7	82.1	84.0	90.5	93.9	95.6	97.0	97.3	97.3	97.3	97.5	97.5	97.5	
GE 0		53.3	63.5	75.7	82.1	84.0	90.5	93.9	95.6	97.0	97.3	97.3	97.3	97.5	97.5	97.5	

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAR

HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 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 C
NO CEIL			24.1	27.4	33.0	33.5	34.2	36.4	37.1	37.4	37.7	37.7	38.0	38.1	38.3	38.3	38.3
GE 2000			26.8	30.2	35.9	36.6	37.4	39.5	40.3	40.5	40.8	40.8	41.1	41.3	41.5	41.5	41.6
GE 1800			26.8	30.2	35.9	36.6	37.4	39.5	40.3	40.5	40.8	40.8	41.1	41.3	41.5	41.5	41.6
GE 1600			26.8	30.2	35.9	36.6	37.4	39.5	40.3	40.5	40.8	40.8	41.1	41.3	41.5	41.5	41.6
GE 1400			26.8	30.2	35.9	36.6	37.4	39.5	40.3	40.5	40.8	40.8	41.1	41.3	41.5	41.5	41.6
GE 1200			26.8	30.2	35.9	36.6	37.4	39.6	40.5	40.7	41.0	41.0	41.4	41.5	41.7	41.7	41.8
GE 1000			27.3	31.0	36.6	37.4	38.1	40.4	41.3	41.5	41.8	41.8	42.1	42.2	42.4	42.4	42.5
GE 900			27.3	31.0	36.9	37.7	38.4	40.7	41.6	41.8	42.1	42.1	42.4	42.5	42.8	42.8	42.9
GE 800			29.6	33.9	40.1	41.3	42.0	44.3	45.2	45.7	46.0	46.0	46.3	46.4	46.7	46.8	46.9
GE 700			29.8	34.1	40.3	41.5	42.2	44.5	45.5	45.9	46.2	46.2	46.5	46.7	46.9	47.0	47.1
GE 600			29.8	34.1	40.3	41.5	42.2	44.5	45.5	45.9	46.2	46.2	46.5	46.7	46.9	47.0	47.1
GE 500			31.7	36.1	42.4	43.7	44.5	47.1	48.1	48.5	49.0	49.0	49.4	49.5	49.7	49.8	49.9
GE 450			32.0	36.6	43.3	44.6	45.4	47.9	48.9	49.4	49.9	49.9	50.2	50.3	50.5	50.6	50.8
GE 400			34.7	39.6	47.6	49.1	50.4	53.1	54.1	54.6	55.4	55.5	55.8	55.9	56.2	56.3	56.4
GE 350			34.9	40.8	49.4	51.0	52.3	55.5	56.7	57.2	58.2	58.3	58.6	58.7	59.0	59.1	59.2
GE 300			39.7	46.3	56.5	58.5	60.0	63.7	65.4	66.0	67.0	67.1	67.5	67.6	67.8	67.9	68.0
GE 250			40.0	46.7	57.1	59.6	61.2	64.9	66.7	67.3	68.3	68.4	68.8	68.9	69.1	69.2	69.3
GE 200			42.3	50.4	61.3	64.6	66.5	70.2	72.4	73.3	74.3	74.4	74.8	74.9	75.2	75.3	75.4
GE 180			42.9	51.0	61.9	65.1	67.1	70.7	72.9	73.9	74.9	74.9	75.4	75.5	75.7	75.8	75.9
GE 150			43.2	52.2	63.5	66.8	68.8	72.6	74.8	75.9	77.2	77.3	77.8	77.9	78.1	78.2	78.3
GE 120			44.7	54.3	66.6	70.4	72.4	76.2	78.5	79.6	80.9	81.0	81.4	81.5	81.7	81.9	82.0
GE 100			44.9	54.5	66.8	71.0	72.9	76.8	79.4	80.6	81.9	82.0	82.4	82.5	82.7	82.8	82.9
GE 90			45.2	54.9	67.2	71.5	73.4	77.3	80.0	81.2	82.6	82.7	83.2	83.3	83.5	83.6	83.7
GE 80			45.6	55.2	67.8	72.5	74.4	79.0	82.0	83.2	84.7	84.8	85.2	85.3	85.5	85.6	85.7
GE 70			46.0	55.9	68.7	73.3	75.5	80.1	83.0	84.3	85.9	86.0	86.4	86.5	86.7	86.8	86.9
GE 60			46.8	56.8	70.2	74.9	77.1	82.2	85.1	86.4	87.9	88.0	88.4	88.6	88.8	88.9	89.0
GE 50			47.1	57.7	71.5	76.6	78.8	84.2	87.5	88.8	90.7	90.4	90.8	90.9	91.1	91.3	91.7
GE 40			47.2	57.8	72.4	77.9	80.1	85.7	89.0	90.3	92.2	92.3	92.8	92.9	93.2	93.3	94.0
GE 30			47.2	57.8	72.4	78.0	80.2	86.2	89.8	91.7	94.1	94.2	94.6	94.7	95.0	95.5	96.5
GE 20			47.2	57.8	72.4	78.0	80.2	86.2	90.0	92.3	95.0	95.7	96.1	96.7	97.1	97.6	99.2
GE 10			47.2	57.8	72.4	78.0	80.2	86.2	90.0	92.3	95.0	95.7	96.2	96.8	97.2	97.7	99.9
GE 0			47.2	57.8	72.4	78.0	80.2	86.2	90.0	92.3	95.0	95.7	96.2	96.8	97.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS (LST): 1600-2600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	90	80	70	60	50	40	32	24	20	16	17	10	8	5	4	0
NO CEIL		14.5	16.1	18.9	20.9	21.6	22.4	23.0	23.2	24.0	24.0	24.3	24.3	24.3	24.4	24.5	
GE 25000		18.2	20.1	23.7	26.1	27.0	28.0	29.0	29.3	30.2	30.3	30.6	30.6	30.6	30.7	30.8	
GE 18000		18.6	20.6	24.2	26.6	27.6	28.5	29.5	29.8	30.7	30.8	31.1	31.1	31.1	31.2	31.4	
GE 16000		18.6	20.6	24.2	26.6	27.6	28.5	29.5	29.8	30.7	30.8	31.1	31.1	31.1	31.2	31.4	
GE 14000		18.8	20.9	24.5	26.9	27.9	28.9	29.8	30.2	31.0	31.1	31.5	31.5	31.5	31.6	31.7	
GE 12000		18.8	20.9	24.5	26.9	27.9	28.9	29.9	30.3	31.1	31.2	31.6	31.6	31.6	31.7	31.8	
GE 10000		19.9	21.9	26.2	28.5	29.5	30.7	31.8	32.1	33.0	33.1	33.4	33.4	33.4	33.5	33.6	
GE 9000		20.4	22.5	27.0	29.5	30.6	31.8	32.9	33.2	34.1	34.2	34.5	34.5	34.5	34.6	34.7	
GE 8000		23.1	25.8	31.9	34.9	36.0	37.4	38.6	38.9	39.8	39.9	40.2	40.3	40.3	40.5	40.6	
GE 7000		24.1	26.9	33.1	36.1	37.2	38.6	39.8	40.1	41.1	41.3	41.6	41.8	41.8	42.1	42.2	
GE 6000		24.2	27.0	33.3	36.3	37.4	38.8	40.1	40.4	41.4	41.6	41.9	42.2	42.2	42.4	42.5	
GE 5000		25.6	28.4	34.7	37.7	38.8	40.5	42.1	42.4	43.5	43.8	44.1	44.3	44.3	44.8	44.9	
GE 4500		26.3	29.2	35.7	38.8	39.9	41.6	43.2	43.6	44.6	45.0	45.3	45.5	45.5	45.9	46.1	
GE 4000		30.7	33.8	41.8	45.2	46.4	48.3	50.2	50.5	51.8	52.1	52.4	52.6	52.6	53.1	53.2	
GE 3500		32.4	36.0	44.8	48.1	49.3	51.6	53.5	54.1	55.6	55.9	56.2	56.4	56.6	57.3	57.5	
GE 3000		36.8	41.1	50.9	54.8	56.4	59.6	61.8	62.5	64.6	65.1	65.4	65.6	65.8	66.5	66.7	
GE 2500		37.4	42.1	52.0	56.1	57.7	60.9	63.1	63.8	65.9	66.4	66.7	66.9	67.1	67.8	68.0	
GE 2000		38.7	44.0	54.8	59.6	61.4	64.6	67.4	68.1	70.4	70.8	71.1	71.4	71.6	72.2	72.4	
GE 1800		38.8	44.3	55.1	60.1	62.1	65.3	68.0	68.8	71.0	71.5	71.8	72.0	72.2	72.9	73.1	
GE 1500		39.2	45.0	56.4	62.3	64.3	68.0	71.0	71.8	74.1	74.5	74.8	75.0	75.2	75.9	76.1	
GE 1200		40.9	47.0	59.8	66.1	68.3	72.1	75.4	76.1	78.5	78.9	79.2	79.5	79.7	80.3	80.5	
GE 1000		41.9	48.3	61.8	68.2	70.5	74.6	78.1	78.8	81.2	81.6	81.9	82.2	82.4	83.0	83.2	
GE 900		42.1	48.4	61.9	68.6	70.9	75.1	78.6	79.4	81.9	82.4	82.7	82.9	83.1	83.8	84.0	
GE 800		42.4	48.9	62.6	69.5	71.9	76.3	79.8	80.5	83.1	83.7	84.0	84.2	84.4	85.1	85.3	
GE 700		42.6	49.1	63.0	70.1	72.5	77.0	80.4	81.2	83.9	84.6	85.0	85.2	85.4	86.1	86.3	
GE 600		42.9	49.5	63.7	71.5	73.9	78.4	82.4	83.6	86.3	87.0	87.4	87.7	88.0	88.6	88.9	
GE 500		43.4	50.2	64.4	72.9	75.5	80.2	84.5	85.7	88.6	89.7	90.1	90.4	90.7	91.4	92.0	
GE 400		43.5	50.3	64.8	73.3	76.0	81.2	85.8	87.1	90.4	91.5	91.9	92.2	92.5	93.2	93.8	
GE 300		43.6	50.4	65.0	73.6	76.4	81.6	86.5	87.8	91.1	92.5	93.0	93.3	93.7	94.4	95.9	
GE 200		43.6	50.4	65.0	73.6	76.4	81.6	86.6	88.2	91.8	93.2	94.2	94.5	95.5	96.2	96.8	
GE 100		43.6	50.4	65.0	73.6	76.4	81.6	86.6	88.2	91.8	93.2	94.2	94.5	95.6	96.8	100.0	
GE 0		43.6	50.4	65.0	73.6	76.4	81.6	86.6	88.2	91.8	93.2	94.2	94.5	95.6	96.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	1	14.2	15.4	16.3	19.7	20.0	20.6	21.3	21.6	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2
GE 20000		18.3	19.6	23.7	25.4	26.4	27.2	28.2	28.8	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000		18.6	20.1	24.0	25.8	26.7	27.5	28.6	29.1	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000		18.6	20.1	24.0	25.8	26.7	27.5	28.6	29.1	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7
GE 14000		18.9	20.5	24.4	26.1	27.1	27.8	28.9	29.4	29.6	29.6	30.0	30.0	30.0	30.0	30.0	30.0
GE 12000		19.4	21.0	24.9	26.6	27.6	28.4	29.4	30.0	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5
GE 10000		20.6	22.2	26.4	28.4	29.4	30.2	31.3	31.8	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4
GE 9000		20.8	22.4	26.6	28.6	29.7	30.7	31.8	32.4	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9
GE 8000		24.2	26.5	31.7	34.0	35.1	36.5	37.9	38.5	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1
GE 7000		25.0	27.5	32.7	35.3	36.5	37.9	39.4	40.0	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6
GE 6000		25.1	27.6	32.8	35.5	36.7	38.1	39.8	40.5	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0
GE 5000		25.9	28.6	33.9	36.8	38.0	39.4	41.1	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3
GE 4000		26.2	29.1	34.4	37.6	38.7	40.3	42.0	42.6	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2
GE 3000		29.1	32.4	39.4	43.2	44.6	46.3	48.3	48.9	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
GE 2500		31.8	35.3	43.0	47.0	48.6	50.4	52.5	53.1	53.7	53.9	54.1	54.1	54.1	54.1	54.1	54.1
GE 2000		39.9	43.7	51.9	56.3	58.2	60.7	63.0	63.6	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8
GE 1800		41.1	45.1	53.5	57.9	59.8	62.3	64.6	65.3	65.9	66.2	66.5	66.5	66.5	66.5	66.5	66.5
GE 1600		44.2	48.4	57.4	63.2	65.6	68.3	70.8	71.4	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 1400		44.9	49.2	58.2	64.3	66.8	69.5	72.0	72.6	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9
GE 1200		45.8	50.8	60.6	67.7	70.2	73.2	76.1	76.7	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 1000		47.5	53.6	64.5	71.8	74.4	77.6	80.6	81.3	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 900		48.3	54.3	65.8	73.6	76.2	80.0	83.0	83.7	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 800		48.5	54.7	66.1	74.0	76.6	80.6	83.7	84.3	85.3	86.0	86.3	86.3	86.3	86.3	86.3	86.3
GE 700		48.8	55.0	66.8	74.7	77.6	81.5	84.7	85.4	86.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 600		49.0	55.6	67.6	75.8	78.7	82.7	86.3	86.9	88.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 500		49.1	55.8	68.2	76.5	79.5	84.0	87.6	88.4	89.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5
GE 400		49.4	56.1	69.0	78.1	81.3	86.1	90.0	90.9	92.4	94.2	94.5	94.5	94.5	94.5	94.5	94.5
GE 300		49.4	56.1	69.4	78.5	81.6	86.4	90.7	91.8	94.2	96.7	96.3	96.3	96.3	96.3	96.3	96.3
GE 200		49.4	56.1	69.4	78.7	81.6	86.6	91.0	92.2	94.9	96.9	97.3	97.3	97.6	97.6	97.6	97.6
GE 100		49.4	56.1	69.4	78.7	81.6	86.6	91.0	92.2	95.2	97.2	97.6	97.6	97.8	98.5	98.6	99.7
GE 0		49.4	56.1	69.4	78.7	81.6	86.6	91.0	92.2	95.2	97.2	97.6	97.6	97.8	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-67
MONTH: MAR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 1600	GE 900	GE 800	GE 700	GE 600	GE 500	GE 400	GE 320	GE 240	GE 200	GE 160	GE 120	GE 100	GE 80	GE 50	GE 40	GE 30
NO CEIL		12.8	14.3	15.2	17.4	18.0	18.4	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000		17.6	19.4	21.8	24.5	25.2	25.8	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 18000		17.7	19.5	21.9	24.6	25.3	25.9	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 16000		17.7	19.5	21.9	24.6	25.3	25.9	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 14000		17.9	19.7	22.2	24.9	25.6	26.2	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 12000		17.9	19.8	22.3	25.0	25.8	26.3	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 10000		19.0	21.0	23.5	26.2	26.9	27.5	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 9000		20.0	22.2	24.7	27.4	28.1	28.7	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 8000		22.9	25.5	28.6	31.8	32.6	33.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 7000		23.1	25.8	28.9	32.3	33.0	33.7	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 6000		23.1	25.8	29.2	32.6	33.3	34.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 5000		23.7	26.5	30.3	33.7	34.4	35.1	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 4500		23.8	26.6	30.4	33.8	34.5	35.2	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 4000		27.5	30.8	35.7	40.0	40.9	41.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 3500		31.2	35.0	40.4	44.7	45.8	46.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 3000		46.5	50.8	57.4	61.8	63.2	64.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2500		48.7	52.9	59.6	64.1	65.7	66.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2000		53.4	58.0	66.0	72.6	74.5	76.1	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800		54.1	58.9	67.0	73.8	75.6	77.4	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500		56.4	61.8	70.8	78.4	80.3	82.1	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200		58.7	64.7	74.6	82.6	84.7	86.7	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000		59.0	65.2	75.5	84.0	86.1	88.4	90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900		59.4	65.7	76.2	84.7	86.9	89.3	91.0	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800		59.4	65.7	76.3	85.1	87.2	89.8	91.6	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700		60.0	66.2	77.2	86.3	88.4	91.3	93.2	94.2	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600		60.0	66.5	77.4	86.6	88.9	91.9	93.8	94.8	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 500		60.1	66.6	78.0	87.3	89.6	93.0	95.1	96.1	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400		60.1	66.6	78.0	87.3	89.6	93.0	95.7	96.6	98.1	98.7	98.8	98.9	99.1	99.1	99.1	99.1
GE 300		60.1	66.6	78.0	87.3	89.6	93.0	95.8	96.8	98.2	99.0	99.1	99.2	99.5	99.6	99.6	99.6
GE 200		60.1	66.6	78.0	87.3	89.6	93.0	95.8	96.8	98.2	99.0	99.5	99.6	99.8	99.9	99.9	99.9
GE 100		60.1	66.6	78.0	87.3	89.6	93.0	95.8	96.8	98.2	99.0	99.5	99.6	99.9	100.0	100.0	100.0
GE 0		60.1	66.6	78.0	87.3	89.6	93.0	95.8	96.8	98.2	99.0	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	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 J
NO CEIL		15.6	17.2	17.9	20.2	20.6	21.5	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.5
GE 20000		21.4	23.7	24.8	27.7	28.1	29.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4
GE 18000		21.6	23.9	25.6	27.9	28.3	30.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.6
GE 16000		21.6	23.9	25.0	27.9	28.3	30.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.6
GE 14000		21.6	23.9	25.1	28.0	28.4	30.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.7
GE 12000		21.9	24.2	25.4	28.4	28.9	30.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1
GE 10000		22.5	24.8	25.9	29.0	29.4	31.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.8
GE 9000		22.8	25.1	26.4	29.4	29.8	31.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.2
GE 8000		27.1	29.9	31.8	35.5	36.1	38.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7
GE 7000		28.5	31.4	33.3	37.0	37.6	39.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.2
GE 6000		28.6	31.5	33.4	37.1	37.7	39.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3
GE 5000		29.5	32.8	34.8	38.6	39.2	41.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8
GE 4000		30.2	33.4	35.8	39.8	40.5	42.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.1
GE 3000		34.7	38.6	42.1	46.3	47.2	49.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.2
GE 2000		39.1	43.5	47.4	51.8	52.6	55.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9
GE 1000		50.8	55.9	60.5	65.5	66.7	69.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 2500		52.4	57.7	62.7	67.8	69.0	71.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 2000		57.5	62.9	69.1	75.7	77.0	79.8	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
GE 1800		57.7	63.1	69.4	76.1	77.4	80.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2
GE 1500		59.5	65.2	71.9	78.8	80.2	83.1	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
GE 1200		61.6	68.0	75.2	82.8	84.9	88.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7
GE 1000		61.6	68.3	76.1	84.3	86.4	90.1	92.3	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.2
GE 900		61.9	68.8	76.6	85.0	87.1	90.8	93.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 800		62.2	69.0	77.3	85.8	88.0	91.7	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.1
GE 700		62.6	69.4	77.9	86.9	89.1	93.2	95.8	96.1	96.9	96.9	96.9	96.9	96.9	96.9	97.1
GE 600		62.6	69.4	77.9	87.1	89.3	93.4	96.1	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.6
GE 500		62.7	69.5	78.2	87.6	89.9	94.4	97.1	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.7
GE 400		62.7	69.5	78.2	87.6	89.9	94.4	97.2	97.6	98.4	98.7	98.9	98.9	98.9	98.9	99.2
GE 300		62.7	69.5	78.2	87.6	89.9	94.4	97.4	97.9	98.7	99.0	99.4	99.5	99.5	99.5	99.8
GE 200		62.7	69.5	78.2	87.6	89.9	94.4	97.4	97.9	98.9	99.2	99.6	99.7	99.7	99.7	100.0
GE 100		62.7	69.5	78.2	87.6	89.9	94.4	97.4	97.9	98.9	99.2	99.6	99.7	99.7	99.7	100.0
GE 0		62.7	69.5	78.2	87.6	89.9	94.4	97.4	97.9	98.9	99.2	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1800-2400

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	23.7	26.2	28.9	30.7	31.1	31.8	32.8	33.3	33.4	33.5	33.5	33.5	33.7	33.7	33.7	
GE 2000	27.4	30.1	33.8	35.8	36.1	37.3	39.3	39.8	40.3	40.5	40.5	40.5	40.6	40.6	40.6	
GE 1800	27.4	30.1	33.8	35.8	36.1	37.3	39.3	39.8	40.3	40.5	40.5	40.5	40.6	40.6	40.6	
GE 1600	27.4	30.1	33.8	35.8	36.1	37.3	39.3	39.8	40.3	40.5	40.5	40.5	40.6	40.6	40.6	
GE 1400	27.4	30.1	33.8	35.8	36.1	37.3	39.3	39.8	40.3	40.5	40.5	40.5	40.6	40.6	40.6	
GE 1200	27.7	30.4	34.1	36.1	36.5	37.6	39.6	40.1	40.7	40.8	40.8	40.8	40.9	40.9	40.9	
GE 1000	29.0	31.7	35.4	37.6	38.0	39.2	41.1	41.7	42.5	42.6	42.6	42.6	42.7	42.7	42.7	
GE 900	29.1	31.8	35.5	37.8	38.1	39.3	41.2	41.9	42.6	42.7	42.7	42.7	42.8	42.8	42.8	
GE 800	32.7	35.7	40.0	42.9	43.3	44.7	47.0	47.7	48.4	48.5	48.5	48.5	48.7	48.7	48.7	
GE 700	33.5	36.6	41.0	43.9	44.2	45.6	48.0	48.7	49.4	49.5	49.5	49.5	49.6	49.6	49.6	
GE 600	33.7	36.7	41.1	44.0	44.3	45.7	48.1	48.8	49.5	49.6	49.6	49.6	49.7	49.7	49.7	
GE 500	35.6	39.1	43.6	46.5	46.8	48.2	50.7	51.3	52.1	52.2	52.2	52.2	52.3	52.3	52.3	
GE 400	36.0	39.5	44.0	47.1	47.8	49.2	51.7	52.3	53.1	53.2	53.2	53.2	53.3	53.3	53.3	
GE 300	41.0	45.1	50.7	54.2	54.8	56.4	59.1	59.8	60.5	60.6	60.6	60.6	60.7	60.7	60.7	
GE 250	44.0	48.3	54.2	57.6	58.3	59.9	63.1	63.8	64.5	64.6	64.6	64.6	64.7	64.7	64.7	
GE 200	51.7	56.6	64.1	67.9	68.5	70.2	74.0	74.9	75.6	75.7	75.7	75.7	75.8	75.8	75.8	
GE 150	52.5	57.7	65.7	69.8	70.4	72.4	76.4	77.2	78.0	78.1	78.1	78.1	78.2	78.2	78.2	
GE 100	55.3	61.1	70.3	75.5	76.7	78.9	83.3	84.1	85.0	85.1	85.1	85.1	85.2	85.2	85.2	
GE 80	55.6	61.4	70.7	75.9	77.1	79.3	83.9	84.8	85.7	85.8	85.8	85.8	85.9	85.9	85.9	
GE 60	56.2	62.0	72.3	77.6	78.7	80.9	85.8	86.6	87.5	87.6	87.6	87.6	87.7	87.7	87.7	
GE 40	57.3	63.5	74.6	80.4	81.7	84.1	89.4	90.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	
GE 30	57.3	63.6	75.3	81.3	82.6	85.4	90.8	91.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	
GE 20	57.5	63.9	75.7	81.8	83.1	85.9	91.3	92.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	
GE 10	57.7	64.1	76.1	82.3	83.6	87.1	92.6	93.4	94.4	94.5	94.5	94.5	94.7	94.7	94.7	
GE 8	58.1	64.6	76.6	83.4	84.7	88.5	94.1	94.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	
GE 6	58.1	64.6	76.6	83.6	84.9	88.7	94.3	95.1	96.1	96.2	96.2	96.2	96.4	96.4	96.4	
GE 5	58.1	64.6	76.7	84.0	85.3	89.6	95.3	96.2	97.2	97.3	97.3	97.3	97.5	97.5	97.5	
GE 4	58.1	64.6	76.7	84.0	85.3	89.8	95.4	96.3	97.3	97.4	97.4	97.4	97.7	97.7	97.7	
GE 3	58.1	64.6	76.7	84.0	85.3	90.0	95.6	96.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	
GE 2	58.1	64.6	76.7	84.0	85.3	90.0	95.6	96.8	98.2	98.3	98.5	98.8	99.4	99.5	99.8	
GE 1	58.1	64.6	76.7	84.0	85.3	90.0	95.6	96.8	98.2	98.3	98.5	98.8	99.4	99.5	100.0	
GE 0	58.1	64.6	76.7	84.0	85.3	90.0	95.6	96.8	98.2	98.3	98.5	98.8	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		29.1	31.4	34.1	36.8	37.6	39.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.8	40.8	
GE 20000		31.9	34.3	37.3	40.3	41.2	43.3	44.8	44.8	45.1	45.4	45.4	45.5	45.5	45.6	45.6	
GE 18000		31.9	34.3	37.3	40.3	41.2	43.3	44.8	44.8	45.1	45.4	45.4	45.5	45.5	45.6	45.6	
GE 16000		31.9	34.3	37.3	40.3	41.2	43.3	44.8	44.8	45.1	45.4	45.4	45.5	45.5	45.6	45.6	
GE 14000		31.9	34.3	37.3	40.3	41.2	43.3	44.8	44.8	45.1	45.4	45.4	45.5	45.5	45.6	45.6	
GE 12000		32.0	34.4	37.4	40.5	41.3	43.4	44.9	44.9	45.2	45.5	45.5	45.6	45.6	45.7	45.7	
GE 10000		32.9	35.4	38.4	41.4	42.3	44.3	45.8	45.8	46.3	46.6	46.6	46.7	46.7	46.8	46.8	
GE 9000		32.9	35.4	38.4	41.4	42.3	44.3	45.8	45.8	46.3	46.6	46.6	46.7	46.7	46.8	46.8	
GE 8000		36.0	39.3	43.3	46.4	47.5	49.5	51.0	51.0	51.5	51.8	51.8	51.9	51.9	52.0	52.0	
GE 7000		36.5	39.9	43.9	47.0	48.1	50.2	51.7	52.0	52.4	52.8	52.8	52.9	52.9	53.0	53.0	
GE 6000		36.5	39.9	43.9	47.0	48.1	50.2	51.7	52.0	52.4	52.8	52.8	52.9	52.9	53.0	53.0	
GE 5000		38.6	42.2	46.3	49.5	50.6	52.6	54.3	54.6	55.0	55.3	55.3	55.4	55.4	55.6	55.6	
GE 4500		39.3	42.8	46.9	50.2	51.3	53.4	55.0	55.3	55.8	56.1	56.1	56.2	56.2	56.3	56.3	
GE 4000		43.6	47.7	52.4	55.6	57.0	59.0	60.8	61.2	61.7	62.0	62.0	62.1	62.1	62.2	62.2	
GE 3500		45.5	49.6	55.2	58.6	59.8	61.8	64.0	64.3	64.8	65.2	65.2	65.3	65.3	65.4	65.4	
GE 3000		51.7	56.9	63.3	67.0	68.4	70.8	73.8	74.2	74.9	75.2	75.2	75.3	75.3	75.4	75.4	
GE 2500		53.0	58.1	64.7	68.8	70.2	72.6	75.7	76.2	76.8	77.1	77.1	77.2	77.2	77.3	77.3	
GE 2000		54.8	60.6	68.3	73.9	75.4	78.7	82.3	82.7	83.4	83.7	83.7	83.8	83.8	83.9	83.9	
GE 1800		55.2	61.1	68.8	74.4	75.9	79.3	82.8	83.3	83.9	84.3	84.3	84.4	84.4	84.5	84.5	
GE 1500		55.9	61.9	71.0	76.9	78.4	82.0	85.5	86.0	86.6	86.9	86.9	87.1	87.1	87.2	87.2	
GE 1200		56.5	62.9	73.0	79.2	80.6	84.9	88.6	89.0	89.9	90.2	90.2	90.3	90.3	90.4	90.4	
GE 1000		56.9	63.3	73.8	80.0	81.7	86.2	89.9	90.3	91.2	91.5	91.5	91.6	91.6	91.7	91.7	
GE 900		56.9	63.3	73.9	80.2	81.8	86.3	90.1	90.5	91.4	91.7	91.7	91.8	91.8	91.9	91.9	
GE 800		57.0	63.5	74.1	80.8	82.4	87.5	91.5	92.0	92.9	93.2	93.2	93.3	93.3	93.4	93.4	
GE 700		57.3	64.0	75.2	82.2	83.8	88.9	92.9	93.4	94.3	94.6	94.6	94.7	94.7	94.8	94.8	
GE 600		57.5	64.2	75.7	82.7	84.4	89.5	93.5	94.1	94.9	95.3	95.3	95.4	95.4	95.5	95.5	
GE 500		57.6	64.5	76.4	83.5	85.1	90.5	94.6	95.3	96.2	96.5	96.5	96.7	96.7	96.8	97.1	
GE 400		57.6	64.5	76.4	83.6	85.2	90.8	95.3	95.9	96.9	97.2	97.2	97.3	97.3	97.4	97.7	
GE 300		57.6	64.5	76.6	83.8	85.5	91.3	95.7	96.3	97.4	97.7	97.7	97.8	97.8	98.0	98.6	
GE 200		57.6	64.5	76.7	83.9	85.7	91.5	95.9	96.9	98.0	98.3	98.3	98.6	98.6	98.8	99.5	
GE 100		57.6	64.5	76.7	83.9	85.7	91.5	95.9	97.0	98.1	98.4	98.5	98.8	98.8	99.0	100.0	
GE	CI	57.6	64.5	76.7	83.9	85.7	91.5	95.9	97.0	98.1	98.4	98.5	98.8	98.8	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAR

HOURS(IST):

ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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			20.2	22.4	25.2	26.9	27.5	29.6	29.4	29.6	29.8	29.8	29.9	30.0	30.0	30.0	30.1
GE 2000			23.9	26.4	29.8	32.0	32.7	34.1	35.3	35.5	35.9	35.9	36.0	36.1	36.3	36.2	36.2
GE 1800			24.1	26.6	30.0	32.1	32.9	34.2	35.4	35.6	36.0	36.1	36.2	36.2	36.3	36.3	36.4
GE 1600			24.1	26.6	30.0	32.1	32.9	34.2	35.4	35.6	36.0	36.1	36.2	36.2	36.3	36.3	36.4
GE 1400			24.2	26.7	30.1	32.2	33.0	34.4	35.6	35.8	36.1	36.2	36.3	36.4	36.4	36.4	36.5
GE 1200			24.3	26.8	30.3	32.4	33.2	34.6	35.8	36.0	36.4	36.4	36.6	36.6	36.7	36.7	36.7
GE 1000			25.2	27.8	31.4	33.6	34.3	35.8	37.0	37.2	37.6	37.7	37.8	37.8	37.9	37.9	38.0
GE 900			25.5	28.1	31.6	34.0	34.6	36.2	37.4	37.7	38.1	38.2	38.3	38.3	38.4	38.4	38.4
GE 800			28.6	31.9	36.3	38.9	39.8	41.4	42.8	43.0	43.4	43.5	43.6	43.7	43.7	43.8	43.8
GE 700			29.3	32.6	37.1	39.8	40.6	42.3	43.6	44.0	44.4	44.5	44.6	44.6	44.7	44.8	44.8
GE 600			29.4	32.7	37.2	39.9	40.8	42.4	43.8	44.1	44.6	44.7	44.8	44.8	44.9	44.9	45.0
GE 500			30.8	34.4	39.0	41.8	42.7	44.4	45.9	46.2	46.6	46.7	46.8	46.9	47.0	47.0	47.1
GE 400			31.3	34.9	39.6	42.5	43.5	45.2	46.7	47.0	47.5	47.6	47.7	47.7	47.8	47.9	47.9
GE 300			35.1	39.3	45.1	48.4	49.4	51.4	53.0	53.3	53.9	54.0	54.1	54.2	54.2	54.3	54.4
GE 200			37.6	42.2	48.6	51.9	53.1	55.2	56.9	57.3	57.9	58.1	58.2	58.3	58.4	58.5	58.5
GE 100			45.3	50.6	58.2	61.9	63.3	65.8	68.0	68.5	69.2	69.4	69.5	69.6	69.7	69.8	69.8
GE 2500			46.4	51.8	59.6	63.6	65.1	67.6	69.9	70.4	71.1	71.3	71.4	71.5	71.6	71.7	71.7
GE 2000			49.3	55.3	64.1	69.3	71.0	73.9	76.5	77.0	77.8	78.0	78.2	78.2	78.3	78.4	78.5
GE 1800			49.6	55.9	64.7	70.1	71.8	74.7	77.3	77.9	78.6	78.9	79.0	79.0	79.1	79.2	79.3
GE 1600			50.7	57.2	66.6	72.6	74.4	77.5	80.2	80.8	81.6	81.8	82.0	82.0	82.1	82.2	82.3
GE 1400			52.3	59.3	69.9	76.0	78.0	81.4	84.3	84.9	85.8	86.0	86.1	86.2	86.3	86.4	86.5
GE 1200			52.7	59.9	70.9	77.4	79.4	83.0	86.1	86.7	87.7	87.9	88.0	88.1	88.2	88.3	88.4
GE 1000			53.0	61.2	71.2	77.9	79.9	83.6	86.6	87.3	88.4	88.7	88.8	88.9	89.0	89.1	89.2
GE 900			53.2	60.4	71.7	78.6	80.6	84.7	87.9	88.6	89.8	90.1	90.2	90.3	90.3	90.5	90.5
GE 800			53.6	61.0	72.6	79.7	81.6	86.1	89.4	90.1	91.3	91.7	91.8	91.9	92.0	92.1	92.1
GE 700			53.6	61.3	73.1	80.5	82.6	87.0	90.4	91.3	92.6	93.0	93.1	93.2	93.3	93.4	93.5
GE 600			54.0	61.6	73.7	81.4	83.6	88.4	92.0	92.9	94.2	94.8	95.0	95.0	95.2	95.3	95.5
GE 500			54.0	61.6	73.9	81.7	83.9	88.9	92.7	93.7	95.3	95.8	96.0	96.1	96.3	96.4	96.7
GE 400			54.0	61.6	74.0	81.9	84.1	89.2	93.1	94.2	96.0	96.6	96.9	97.1	97.2	97.4	98.1
GE 300			54.0	61.6	74.0	81.9	84.1	89.2	93.3	94.6	96.5	97.3	97.6	97.9	98.3	98.5	99.5
GE 200			54.0	61.6	74.0	81.9	84.1	89.2	93.3	94.6	96.5	97.3	97.6	97.9	98.4	98.7	100.0
GE 100			54.0	61.6	74.0	81.9	84.1	89.2	93.3	94.6	96.5	97.3	97.6	97.9	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	1	36.0	38.1	41.9	43.9	44.1	45.3	45.9	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.7	47.0
GE	20000	38.6	41.0	44.8	46.8	47.0	47.0	48.3	48.9	49.3	49.8	49.8	49.8	49.8	49.8	50.0	50.3
GE	18000	38.8	41.2	45.0	47.0	47.2	48.6	49.1	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.6
GE	16000	38.8	41.2	45.0	47.0	47.2	48.6	49.1	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.6
GE	14000	38.8	41.2	45.0	47.0	47.2	48.6	49.1	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.6
GE	12000	38.8	41.2	45.0	47.0	47.2	48.6	49.1	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.6
GE	10000	39.3	42.1	45.9	48.1	48.3	49.7	50.2	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.7
GE	9000	39.7	42.4	46.2	48.4	48.7	50.0	50.6	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.7	52.0
GE	8000	42.0	44.9	49.4	51.7	51.9	53.3	53.9	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.6
GE	7000	42.8	45.8	50.6	52.8	53.2	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.7	57.0
GE	6000	42.9	45.9	50.7	52.9	53.3	54.9	55.4	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.8	57.1
GE	5000	43.8	47.1	51.9	54.2	54.7	56.2	56.8	57.3	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.4
GE	4500	44.3	48.0	52.9	55.2	55.7	57.4	58.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.7
GE	4000	48.4	53.1	59.3	62.0	62.9	65.2	65.8	66.3	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.4
GE	3500	50.9	55.6	62.0	65.0	65.9	68.6	69.6	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.9	71.2
GE	3000	55.9	60.9	69.2	72.8	73.7	76.7	77.9	78.4	79.3	79.3	79.3	79.3	79.3	79.3	79.6	79.9
GE	2500	56.3	61.4	69.8	73.3	74.2	77.2	78.6	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.7
GE	2000	60.2	65.7	74.6	78.2	79.1	82.6	83.9	84.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.4
GE	1800	60.3	65.8	74.7	78.3	79.2	82.8	84.1	85.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.7
GE	1500	61.1	66.7	75.7	79.7	80.6	84.2	85.6	86.4	87.6	87.6	87.6	87.6	87.6	87.6	87.8	88.1
GE	1200	63.0	68.8	78.1	82.3	83.2	87.8	89.1	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.7
GE	1000	63.7	69.6	79.0	83.3	84.2	88.8	90.2	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.8
GE	900	63.8	69.7	79.1	83.4	84.3	88.9	90.3	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.9
GE	800	63.9	69.8	79.2	83.6	84.4	89.4	90.9	91.8	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.4
GE	700	63.9	69.8	79.6	84.4	85.3	90.6	92.0	93.2	94.6	94.6	94.6	94.6	94.6	94.6	94.8	95.1
GE	600	63.9	70.2	80.0	84.9	85.8	91.3	93.1	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.9	96.2
GE	500	63.9	70.2	80.1	85.2	86.2	92.2	94.0	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.6
GE	400	63.9	70.2	80.2	85.3	86.3	92.3	94.1	95.8	97.4	97.4	97.4	97.4	97.4	97.4	97.7	98.0
GE	300	63.9	70.2	80.2	85.4	86.4	92.9	94.8	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.7
GE	200	63.9	70.2	80.2	85.4	86.4	92.9	94.8	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.7
GE	100	63.9	70.2	80.2	85.4	86.4	92.9	94.8	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.7
GE	0	63.9	70.2	80.2	85.4	86.4	92.9	94.8	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.7

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		23.1	26.2	31.1	33.1	34.0	35.2	37.0	37.3	37.8	37.9	37.9	38.1	38.3	38.3	38.4	
GE 20000		26.6	30.2	35.8	38.2	39.1	40.6	42.4	43.1	43.8	43.9	43.9	44.1	44.3	44.3	44.4	
GE 18000		26.8	30.2	35.8	38.2	39.1	40.6	42.4	43.1	43.8	43.9	43.9	44.1	44.3	44.3	44.4	
GE 16000		26.8	30.2	35.8	38.2	39.1	40.6	42.4	43.1	43.8	43.9	43.9	44.1	44.3	44.3	44.4	
GE 14000		26.8	30.2	35.8	38.2	39.1	40.6	42.4	43.1	43.8	43.9	43.9	44.1	44.3	44.3	44.4	
GE 12000		26.8	30.2	35.8	38.2	39.1	40.6	42.4	43.1	43.8	43.9	43.9	44.1	44.3	44.3	44.4	
GE 10000		27.4	31.1	36.7	39.1	40.0	41.4	43.3	44.0	44.7	44.8	44.8	45.0	45.2	45.2	45.3	
GE 9000		28.0	31.7	37.2	39.7	40.6	42.0	43.9	44.6	45.2	45.3	45.3	45.6	45.8	45.8	45.9	
GE 8000		31.7	35.4	41.3	44.7	45.7	47.2	49.1	49.8	50.6	50.7	50.8	51.0	51.2	51.2	51.3	
GE 7000		32.9	36.8	43.2	46.8	47.6	49.3	51.3	52.0	52.8	52.9	53.0	53.2	53.4	53.4	53.6	
GE 6000		33.1	37.1	43.6	47.1	48.1	49.7	51.7	52.3	53.1	53.2	53.3	53.6	53.8	53.8	53.9	
GE 5000		35.0	39.2	46.0	49.7	50.8	52.3	54.3	55.0	55.8	55.9	56.0	56.2	56.4	56.4	56.6	
GE 4500		35.9	40.2	47.2	50.9	52.0	53.6	55.7	56.3	57.3	57.4	57.6	57.8	58.0	58.0	58.1	
GE 4000		40.3	45.0	52.9	57.0	58.3	61.2	63.8	64.4	65.6	65.7	65.8	66.0	66.2	66.2	66.3	
GE 3500		42.4	47.2	55.2	59.6	61.0	63.9	66.6	67.2	68.3	68.4	68.6	68.8	69.0	69.0	69.1	
GE 3000		47.8	53.0	61.4	66.4	67.9	70.9	73.6	74.2	75.3	75.4	75.6	75.8	76.0	76.0	76.1	
GE 2500		48.7	54.0	62.4	67.6	69.0	72.0	74.7	75.3	76.4	76.6	76.7	76.9	77.1	77.1	77.2	
GE 2000		52.3	58.1	66.7	71.8	73.2	76.4	79.3	80.1	81.3	81.4	81.6	81.8	82.0	82.0	82.1	
GE 1800		52.3	58.1	66.7	71.9	73.3	76.6	79.4	80.2	81.4	81.6	81.7	81.9	82.1	82.1	82.2	
GE 1500		53.4	59.4	68.2	74.1	75.7	79.7	81.9	82.7	83.9	84.0	84.1	84.3	84.6	84.6	84.7	
GE 1200		55.0	61.0	70.6	76.4	78.0	82.7	85.0	85.8	87.0	87.1	87.3	87.6	87.8	87.8	87.9	
GE 1000		56.2	62.2	72.2	78.2	79.9	83.9	87.2	88.0	89.2	89.3	89.6	89.8	90.0	90.0	90.1	
GE 900		56.0	62.2	72.2	78.2	79.9	83.9	87.2	88.0	89.2	89.3	89.6	89.8	90.0	90.0	90.1	
GE 800		56.1	62.3	72.7	78.8	80.4	84.8	88.9	89.9	90.1	90.2	90.4	90.8	91.0	91.0	91.1	
GE 700		56.1	62.6	72.9	79.1	80.6	85.2	89.8	89.7	90.9	91.0	91.2	91.6	91.8	91.8	91.9	
GE 600		56.2	63.0	73.8	80.0	81.7	86.1	89.8	90.8	92.1	92.2	92.4	92.8	93.2	93.2	93.3	
GE 500		56.3	63.1	74.0	80.3	82.1	86.9	91.1	92.6	94.0	94.1	94.3	94.7	95.2	95.2	95.3	
GE 400		56.3	63.1	74.0	80.3	82.1	87.2	91.4	93.1	94.8	95.0	95.2	95.6	96.2	96.2	96.3	
GE 300		56.3	63.1	74.0	80.6	82.3	87.4	91.8	93.9	95.8	96.0	96.2	96.6	97.2	97.3	97.4	
GE 200		56.3	63.1	74.0	80.6	82.3	87.6	91.9	94.1	96.1	96.3	96.9	97.4	98.1	98.6	98.7	
GE 100		56.3	63.1	74.0	80.6	82.3	87.6	91.9	94.1	96.1	96.3	96.9	97.6	98.3	99.2	100.0	
GE 0		56.3	63.1	74.0	80.6	82.3	87.6	91.9	94.1	96.1	96.3	96.9	97.6	98.3	99.2	100.0	

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: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LEST): 0600-0830

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 6	GE 4
NO CEIL	19.6	21.2	25.6	28.0	28.9	30.4	31.7	32.4	32.6	32.8	32.9	33.7	33.2	33.2	33.6
GE 20000	21.6	23.9	29.8	32.2	33.1	34.9	36.2	37.0	37.4	37.6	37.8	37.9	38.1	38.1	38.4
GE 18000	21.6	23.9	30.1	32.6	33.4	35.3	36.7	37.4	37.9	38.7	38.2	38.3	38.6	38.6	38.9
GE 16000	21.7	24.0	30.2	32.7	33.6	35.4	36.8	37.6	38.0	38.1	38.3	38.4	38.7	38.7	39.0
GE 14000	21.7	24.0	30.2	32.7	33.6	35.4	36.8	37.6	38.0	38.1	38.3	38.4	38.7	38.7	39.0
GE 12000	21.8	24.1	30.3	32.8	33.7	35.6	36.9	37.7	38.1	38.2	38.4	38.6	38.8	38.8	39.1
GE 10000	23.1	25.6	31.8	34.7	35.6	37.4	38.9	39.7	40.1	40.2	40.4	40.6	40.8	40.8	41.1
GE 9000	23.7	26.2	32.6	35.4	36.3	38.2	39.7	40.4	40.9	41.0	41.2	41.3	41.6	41.6	41.9
GE 8000	27.4	30.3	37.3	41.0	41.9	43.9	45.3	46.1	46.6	46.7	46.9	47.0	47.2	47.3	47.7
GE 7000	28.3	31.6	39.1	43.2	44.1	46.2	47.7	48.4	49.0	49.1	49.3	49.4	49.7	49.8	50.1
GE 6000	28.3	31.6	39.1	43.2	44.1	46.2	47.7	48.4	49.0	49.1	49.3	49.4	49.7	49.8	50.1
GE 5000	30.8	34.1	42.7	47.4	48.4	50.6	52.0	52.8	53.3	53.4	53.7	53.8	54.0	54.1	54.4
GE 4500	30.9	34.2	43.1	48.0	49.2	51.7	53.2	54.1	54.6	54.9	55.1	55.2	55.4	55.6	55.9
GE 4000	35.9	39.8	49.7	55.3	56.7	59.7	61.4	62.6	63.8	64.7	64.2	64.3	64.7	64.8	65.2
GE 3500	37.9	42.7	52.6	58.4	59.8	63.2	65.0	66.1	67.3	67.6	67.8	67.9	68.2	68.3	68.8
GE 3000	42.7	46.8	58.2	64.9	66.2	69.7	71.4	72.6	74.1	74.3	74.6	74.7	75.0	75.1	75.6
GE 2500	43.3	47.6	59.1	65.8	67.1	70.6	72.3	73.4	75.0	75.2	75.4	75.6	75.9	76.0	76.4
GE 2000	46.2	50.9	62.7	69.4	70.8	74.3	76.2	77.3	78.9	79.7	79.6	79.7	80.0	80.1	80.6
GE 1800	46.6	51.2	63.0	69.9	71.2	74.8	76.7	77.8	79.3	79.7	80.0	80.1	80.4	80.6	81.0
GE 1600	47.6	52.3	64.8	71.8	73.1	76.7	78.6	79.7	81.2	81.6	82.0	82.1	82.4	82.6	83.0
GE 1400	49.0	54.4	68.3	75.4	76.9	80.9	83.0	84.1	85.7	86.0	86.6	86.7	87.0	87.1	87.6
GE 1200	49.1	54.6	68.9	76.1	77.8	81.8	83.9	85.0	86.7	87.0	87.7	87.8	88.1	88.2	88.7
GE 900	49.3	54.8	69.2	76.6	78.2	82.3	84.4	85.6	87.2	87.6	88.2	88.3	88.7	88.8	89.2
GE 800	49.6	55.0	69.8	77.4	79.1	83.2	85.3	86.4	88.2	88.6	89.2	89.3	89.7	89.8	90.2
GE 700	49.6	55.0	69.8	77.6	79.3	83.6	86.0	87.1	88.9	89.2	89.9	90.0	90.4	90.6	91.0
GE 600	49.7	55.1	70.2	78.2	80.0	84.3	87.0	88.1	90.1	90.6	91.3	91.4	91.9	92.0	92.4
GE 500	49.8	55.2	70.6	78.9	80.7	85.2	88.3	89.4	91.6	92.2	93.0	93.1	93.6	93.7	94.1
GE 400	49.8	55.2	70.6	78.9	80.7	85.3	88.6	90.0	92.7	93.9	94.8	95.1	95.6	95.7	96.1
GE 300	49.8	55.2	70.6	78.9	80.7	85.3	88.6	90.1	92.8	94.1	95.1	95.8	96.6	96.8	97.2
GE 200	49.6	55.2	70.6	78.9	80.7	85.4	89.7	90.2	92.9	94.7	95.9	96.6	97.8	98.4	99.2
GE 100	49.6	55.2	70.6	78.9	80.7	85.4	88.7	90.2	93.0	94.8	96.0	96.7	97.9	98.6	100.0
GE 0	49.8	55.2	70.6	78.9	80.7	85.4	88.7	90.2	93.0	94.8	96.0	96.7	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 90	GF 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GF 5	GE 4	GE 0
NO CEIL		21.9	24.8	27.1	28.4	28.9	29.8	33.1	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3
GE 20000		24.9	28.3	31.4	33.2	33.7	35.3	36.0	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2
GE 18000		25.3	28.9	32.0	33.8	34.2	35.9	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8
GE 16000		25.3	28.9	32.0	33.6	34.2	35.9	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8
GE 14000		25.3	28.9	32.0	33.8	34.2	35.9	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8
GE 12000		25.6	29.1	32.2	34.0	34.4	36.1	36.8	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0
GE 10000		26.2	30.1	33.6	35.7	36.1	37.9	39.6	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8
GE 9000		26.8	30.7	34.2	36.3	36.8	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4
GE 8000		29.1	33.6	37.8	40.4	41.1	43.1	43.8	43.9	43.9	43.9	43.9	43.9	44.1	44.0	44.0
GE 7000		30.0	34.6	38.8	41.4	42.1	44.1	44.8	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0
GE 6000		30.0	34.7	39.0	41.7	42.3	44.3	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
GE 5000		31.3	36.2	41.2	44.0	44.7	46.9	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8
GE 4500		31.9	36.8	41.9	44.7	45.3	47.6	48.2	48.3	48.4	48.4	48.4	48.4	48.6	48.6	48.6
GE 4000		34.4	40.9	47.1	50.4	51.1	53.7	54.4	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8
GE 3500		39.8	45.1	51.4	55.0	55.8	58.6	59.4	59.6	59.8	59.8	59.8	59.8	59.9	59.9	59.9
GE 3000		51.0	57.1	64.3	68.0	68.8	71.9	72.8	72.9	73.1	73.1	73.1	73.1	73.2	73.2	73.2
GE 2500		52.9	59.6	67.0	70.7	71.4	74.6	75.4	75.6	75.8	75.8	75.8	75.8	75.9	75.9	75.9
GE 2000		58.3	65.3	73.2	77.0	77.9	81.1	82.1	82.2	82.7	82.7	82.7	82.7	82.8	82.8	82.8
GE 1800		58.4	65.4	73.6	77.3	78.2	81.4	82.4	82.7	83.1	83.1	83.1	83.1	83.2	83.2	83.2
GE 1500		60.1	67.2	76.0	79.8	80.7	84.0	85.0	85.2	85.7	85.7	85.7	85.7	85.8	85.8	85.8
GE 1200		62.2	69.9	79.3	83.8	84.8	88.1	89.1	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
GE 1000		63.1	70.8	80.7	85.6	86.6	90.2	91.2	91.4	91.9	91.9	91.9	91.9	92.0	92.0	92.0
GE 900		63.4	71.2	81.2	86.8	87.8	91.3	92.3	92.6	93.0	93.0	93.0	93.0	93.1	93.1	93.1
GE 800		63.9	71.7	81.7	87.2	88.2	91.9	92.9	93.1	93.6	93.6	93.6	93.6	93.7	93.7	93.7
GE 700		63.9	71.7	81.8	87.6	88.6	92.4	93.8	94.0	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 600		63.9	71.8	82.1	87.9	89.0	93.2	94.6	94.8	95.6	95.8	95.8	95.8	95.9	95.9	95.9
GE 500		64.1	72.0	82.3	88.2	89.4	93.8	95.4	95.7	96.4	96.7	96.7	96.7	96.9	96.9	96.9
GE 400		64.1	72.0	82.3	88.2	89.4	93.8	95.7	96.1	97.3	97.9	97.9	97.9	98.1	98.1	98.1
GE 300		64.1	72.0	82.3	88.2	89.4	93.8	95.8	96.2	98.1	98.8	98.9	99.4	99.8	99.8	99.8
GE 200		64.1	72.0	82.3	88.2	89.4	93.8	95.8	96.2	98.1	98.8	98.9	99.6	99.9	99.9	99.9
GE 100		64.1	72.0	82.3	88.2	89.4	93.8	95.8	96.2	98.1	98.8	98.9	99.6	100.0	100.0	100.0
GE 0		64.1	72.0	82.3	88.2	89.4	93.8	95.8	96.2	98.1	98.8	98.9	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: J35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	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	
NO CEIL	1	72.8	24.7	26.6	27.8	27.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	
GE 20000	1	28.6	30.7	34.0	36.0	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
GE 18000	1	28.8	30.9	34.2	36.2	36.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
GE 16000	1	28.8	30.9	34.2	36.2	36.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
GE 14000	1	28.8	30.9	34.2	36.2	36.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
GE 12000	1	28.9	31.0	34.3	36.3	36.4	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
GE 10000	1	29.8	31.9	35.4	37.4	37.6	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
GE 9000	1	30.2	32.7	36.3	38.4	38.6	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	
GE 8000	1	33.9	36.7	41.1	44.1	44.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 7000	1	34.6	37.6	42.1	45.1	45.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
GE 6000	1	34.6	37.6	42.1	45.1	45.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
GE 5000	1	35.8	39.1	43.7	46.9	47.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
GE 4500	1	36.7	40.0	44.7	47.9	48.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
GE 4000	1	41.6	45.0	50.4	53.9	54.1	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GE 3500	1	48.7	52.7	58.9	62.4	62.8	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GE 3000	1	60.8	65.4	72.1	76.3	76.8	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 2500	1	62.6	67.4	74.2	78.4	78.9	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
GE 2000	1	67.9	72.9	80.8	85.2	85.7	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 1800	1	68.3	73.3	81.2	85.8	86.2	88.2	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 1600	1	68.8	73.9	82.4	87.2	87.7	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 1200	1	70.7	76.0	84.9	90.0	90.4	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 1000	1	71.0	76.6	86.0	91.3	91.8	94.1	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 900	1	71.1	76.7	86.1	91.9	92.4	94.9	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 800	1	71.1	76.7	86.1	92.2	92.8	95.2	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 700	1	71.1	76.7	86.3	92.7	93.2	96.1	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 600	1	71.1	76.7	86.3	92.8	93.3	96.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 500	1	71.1	76.8	86.4	93.0	93.7	96.9	97.9	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	
GE 400	1	71.1	76.8	86.4	93.0	93.7	96.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 300	1	71.1	76.8	86.4	93.0	93.7	97.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 200	1	71.1	76.8	86.4	93.0	93.7	97.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 100	1	71.1	76.8	86.4	93.0	93.7	97.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 0	1	71.1	76.8	86.4	93.0	93.7	97.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	

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: G35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	1	25.9	28.0	30.2	31.9	32.1	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	1	33.0	35.3	38.8	41.3	41.9	42.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	1	33.8	36.1	39.6	42.1	42.7	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 16000	1	33.8	36.1	39.6	42.1	42.7	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000	1	33.8	36.1	39.6	42.1	42.7	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	1	34.3	36.7	40.1	42.7	43.2	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 10000	1	35.0	37.4	41.0	43.6	44.1	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 9000	1	35.3	37.8	41.3	44.1	44.7	45.4	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 8000	1	39.0	41.8	45.4	48.7	49.3	50.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 7000	1	40.1	42.9	46.7	49.9	50.6	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 6000	1	40.1	42.9	46.7	49.9	50.6	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 5000	1	42.1	45.1	49.0	52.2	52.9	53.7	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 4500	1	42.9	46.1	50.2	53.4	54.2	55.0	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4000	1	49.6	52.8	57.3	60.8	61.7	62.4	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500	1	55.6	58.8	63.7	67.6	68.4	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	1	65.3	69.1	75.0	79.3	80.3	81.7	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	1	66.9	70.7	76.9	81.2	82.6	83.9	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	1	70.4	74.8	81.3	86.1	87.6	88.9	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	1	70.6	74.9	81.4	86.2	87.7	89.0	89.9	89.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	1	71.0	75.6	82.4	87.3	88.9	90.4	91.3	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	1	72.0	76.9	84.3	90.2	91.9	93.9	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	1	72.2	77.3	85.2	91.2	92.9	95.0	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	1	72.2	77.3	85.2	91.2	92.9	95.0	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	1	72.2	77.3	85.3	91.4	93.1	95.2	96.1	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	1	72.2	77.3	85.6	91.8	93.6	95.8	96.7	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	1	72.2	77.3	85.6	91.8	93.6	95.8	96.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	1	72.2	77.3	85.6	92.0	93.8	96.3	98.3	98.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 90	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		31.7	33.1	35.9	38.0	38.7	39.2	39.6	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000		37.4	39.3	42.3	45.2	46.1	47.6	48.0	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 18000		37.6	39.4	42.4	45.3	46.2	47.7	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000		37.6	39.4	42.4	45.3	46.2	47.8	48.2	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000		37.6	39.4	42.4	45.3	46.2	47.8	48.2	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000		38.4	40.3	43.3	46.2	47.1	48.7	49.1	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 10000		38.7	40.6	43.6	46.4	47.3	48.9	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000		39.2	41.1	44.1	47.0	47.9	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 8000		43.3	45.3	48.9	52.0	52.9	54.8	55.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000		44.8	46.9	51.1	54.4	55.3	57.2	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000		44.8	46.9	51.1	54.4	55.3	57.2	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000		46.4	48.6	52.8	56.1	57.0	58.9	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4500		46.9	49.0	53.2	56.6	57.4	59.3	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 4000		52.9	55.1	59.9	63.8	65.0	66.9	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3500		56.1	58.4	63.4	67.6	68.9	70.9	72.0	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3000		64.3	67.4	73.8	78.1	79.4	81.6	83.1	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500		65.0	68.1	74.4	78.8	80.1	82.2	83.8	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000		67.0	70.3	77.6	82.8	84.1	86.8	88.3	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800		67.0	70.3	77.6	82.8	84.1	86.8	88.3	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500		67.6	70.9	78.2	83.9	85.3	88.0	89.6	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200		67.8	71.3	79.3	85.4	86.9	90.4	92.0	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000		68.2	71.8	79.8	86.1	87.6	91.6	93.3	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900		68.2	71.8	79.9	86.6	88.0	92.0	93.8	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800		68.2	71.8	80.1	87.0	88.4	92.4	94.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700		68.3	71.9	80.4	87.6	89.0	93.0	94.9	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600		68.3	71.9	80.4	87.6	89.1	93.2	95.2	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500		68.3	72.0	80.8	87.9	89.4	94.0	96.1	97.3	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2
GE 400		68.3	72.0	80.8	87.9	89.4	94.1	96.2	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 300		68.3	72.0	80.8	87.9	89.4	94.1	96.2	97.6	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8
GE 200		68.3	72.0	80.8	87.9	89.4	94.1	96.2	97.7	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 100		68.3	72.0	80.8	87.9	89.4	94.1	96.2	97.7	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 0		68.3	72.0	80.8	87.9	89.4	94.1	96.2	97.7	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	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	1	36.7	38.3	41.2	43.1	43.4	44.4	44.6	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.4	
GE 20000	1	39.1	41.2	44.1	46.6	47.1	49.0	49.1	49.6	49.8	49.8	49.8	49.8	49.8	49.8	50.0	
GE 18000	1	39.2	41.3	44.2	46.9	47.2	49.1	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.1	
GE 16000	1	39.2	41.3	44.2	46.9	47.2	49.1	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.1	
GE 14000	1	39.2	41.3	44.2	46.9	47.2	49.1	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.1	
GE 12000	1	39.4	41.6	44.4	47.1	47.4	49.3	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.3	
GE 10000	1	40.1	42.2	45.1	47.8	48.1	50.0	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	51.0	
GE 9000	1	40.3	42.4	45.3	48.0	48.3	50.2	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.2	
GE 8000	1	43.2	45.6	48.7	51.4	51.8	53.9	54.4	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.7	
GE 7000	1	44.3	46.8	50.4	53.4	53.8	55.9	56.4	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.7	
GE 6000	1	44.3	46.8	50.4	53.4	53.8	55.9	56.4	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.7	
GE 5000	1	46.2	48.8	52.6	55.6	55.9	58.0	58.6	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.8	
GE 4500	1	46.9	49.6	53.3	56.3	56.7	59.0	59.6	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.8	
GE 4000	1	51.9	55.0	59.4	62.7	63.3	65.8	66.4	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.8	
GE 3500	1	53.2	56.4	61.6	64.9	65.6	68.1	69.0	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.3	
GE 3000	1	60.0	63.8	69.8	73.4	74.1	76.7	77.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.4	
GE 2500	1	61.0	64.8	71.1	74.9	75.6	78.1	79.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.0	
GE 2000	1	63.9	68.0	75.2	79.3	80.0	83.0	84.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.2	
GE 1800	1	64.0	68.1	75.3	79.4	80.1	83.1	84.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.3	
GE 1500	1	64.2	68.4	76.0	81.0	81.7	84.7	86.1	87.4	87.6	87.8	87.8	87.8	87.8	87.8	88.0	
GE 1200	1	65.6	70.1	77.8	83.2	83.9	87.6	89.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	91.0	
GE 1000	1	66.4	71.0	78.9	84.6	85.2	89.2	91.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.9	
GE 900	1	66.4	71.0	78.9	84.6	85.6	89.6	91.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.2	
GE 800	1	66.4	71.2	79.3	85.6	86.2	90.2	92.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.3	
GE 700	1	66.4	71.2	79.4	86.1	86.8	90.9	93.1	94.4	95.3	95.4	95.4	95.4	95.4	95.4	95.7	
GE 600	1	66.4	71.2	79.4	86.1	86.8	90.9	93.1	94.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	
GE 500	1	66.4	71.3	79.7	86.4	87.1	92.2	94.7	96.3	97.3	97.4	97.4	97.4	97.4	97.4	97.7	
GE 400	1	66.4	71.3	79.7	86.4	87.2	92.4	94.9	96.6	97.8	97.9	97.9	97.9	97.9	97.9	98.1	
GE 300	1	66.4	71.3	79.7	86.4	87.2	92.6	95.0	96.9	98.2	98.3	98.3	98.3	98.3	98.3	98.7	
GE 200	1	66.4	71.3	79.7	86.4	87.2	92.6	95.0	97.0	98.4	98.6	98.6	98.6	98.6	98.6	99.0	
GE 100	1	66.4	71.3	79.7	86.4	87.2	92.6	95.0	97.0	98.4	98.6	98.6	98.6	98.6	98.6	99.0	
GE 0	1	66.4	71.3	79.7	86.4	87.2	92.6	95.0	97.0	98.4	98.6	98.6	98.6	98.6	98.6	99.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: APR HOURS (LST): ALL

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
NO CEIL		27.2	29.3	32.5	34.3	34.8	35.7	36.3	36.5	36.7	36.7	36.7	36.8	36.8	36.9
GE 20000		31.2	33.8	37.6	40.0	40.5	41.9	42.6	42.9	43.1	43.2	43.2	43.3	43.3	43.3
GE 18000		31.5	34.0	37.9	40.3	40.8	42.2	42.9	43.2	43.4	43.5	43.5	43.6	43.6	43.7
GE 16000		31.5	34.0	37.9	40.3	40.8	42.3	42.9	43.3	43.5	43.5	43.6	43.6	43.7	43.7
GE 14000		31.5	34.0	37.9	40.3	40.8	42.3	42.9	43.3	43.5	43.5	43.6	43.6	43.7	43.7
GE 12000		31.6	34.3	38.2	40.5	41.1	42.5	43.2	43.5	43.8	43.8	43.8	43.9	43.9	44.1
GE 10000		32.5	35.1	39.1	41.6	42.1	43.6	44.3	44.6	44.9	44.9	44.9	45.0	45.0	45.1
GE 9000		32.9	35.6	39.7	42.2	42.7	44.2	44.9	45.2	45.4	45.5	45.5	45.6	45.6	45.7
GE 8000		36.2	39.2	43.8	46.8	47.3	48.9	49.8	50.1	50.4	50.4	50.4	50.5	50.5	50.6
GE 7000		37.2	40.3	45.3	48.4	49.0	50.7	51.5	51.9	52.1	52.2	52.2	52.3	52.3	52.4
GE 6000		37.3	40.4	45.3	48.5	49.1	50.7	51.6	51.9	52.2	52.3	52.3	52.3	52.4	52.4
GE 5000		38.9	42.3	47.5	50.8	51.4	53.1	53.9	54.3	54.6	54.6	54.7	54.7	54.8	54.8
GE 4500		39.5	43.0	48.3	51.6	52.3	54.1	54.9	55.3	55.7	55.7	55.8	55.8	55.9	55.9
GE 4000		44.5	48.3	54.5	58.2	59.1	61.3	62.3	62.7	63.1	63.2	63.2	63.3	63.4	63.4
GE 3500		48.1	52.0	58.6	62.6	63.5	65.9	67.1	67.5	68.0	68.0	68.1	68.1	68.2	68.2
GE 3000		56.0	60.4	68.0	72.4	73.4	75.9	77.3	77.8	78.4	78.4	78.5	78.5	78.6	78.6
GE 2500		57.1	61.7	69.4	73.8	74.9	77.4	78.7	79.3	79.9	79.9	80.0	80.0	80.1	80.1
GE 2000		60.8	65.8	74.0	78.7	79.8	82.6	84.0	84.6	85.3	85.4	85.5	85.5	85.6	85.6
GE 1800		60.9	65.9	74.2	79.0	80.0	82.8	84.3	84.9	85.6	85.7	85.7	85.8	85.8	85.9
GE 1500		61.7	66.8	75.5	80.6	81.7	84.6	86.0	86.7	87.4	87.4	87.5	87.6	87.6	87.7
GE 1200		63.2	68.6	77.8	83.4	84.5	87.9	89.4	90.1	90.8	90.8	90.9	91.0	91.1	91.1
GE 1000		63.7	69.2	78.8	84.6	85.8	89.3	90.9	91.6	92.3	92.4	92.5	92.6	92.6	92.7
GE 900		63.8	69.3	79.0	84.9	86.1	89.7	91.4	92.0	92.8	92.8	93.0	93.0	93.1	93.1
GE 800		63.9	69.5	79.3	85.4	86.6	90.3	92.0	92.7	93.5	93.5	93.6	93.7	93.8	93.8
GE 700		63.9	69.5	79.5	85.6	87.1	90.9	92.8	93.5	94.4	94.5	94.7	94.7	94.8	94.8
GE 600		64.0	69.7	79.7	86.2	87.4	91.4	93.4	94.1	95.2	95.3	95.4	95.5	95.6	95.6
GE 500		64.0	69.8	79.9	86.5	87.8	92.2	94.5	95.4	96.5	96.7	96.8	96.8	97.0	97.0
GE 400		64.0	69.8	79.9	86.5	87.8	92.3	94.7	95.7	97.1	97.4	97.5	97.6	97.8	97.9
GE 300		64.0	69.8	79.9	86.6	87.9	92.4	94.9	96.0	97.6	97.9	98.1	98.3	98.6	98.8
GE 200		64.0	69.8	79.9	86.6	87.9	92.5	94.9	96.1	97.7	98.1	98.4	98.7	99.1	99.3
GE 100		64.0	69.8	79.9	86.6	87.9	92.5	94.9	96.1	97.7	98.1	98.4	98.8	99.3	100.0
GE 0		64.0	69.8	79.9	86.6	87.9	92.5	94.9	96.1	97.7	98.1	98.4	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87

MONTH: MAY HOURS(LST): 0000-0100

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	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
NO CEIL		35.9	38.3	43.4	44.6	44.6	47.1	48.3	48.3	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.5
GE 20000		38.7	42.2	47.7	49.6	49.8	52.2	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6
GE 18000		38.7	42.2	47.7	49.6	49.8	52.2	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6
GE 16000		38.7	42.2	47.7	49.6	49.8	52.2	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6
GE 14000		38.7	42.2	47.7	49.6	49.8	52.2	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6
GE 12000		38.7	42.2	47.7	49.6	49.8	52.2	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6
GE 10000		39.2	42.8	48.7	50.6	50.8	53.2	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6
GE 9000		39.2	42.8	48.7	50.6	50.8	53.2	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6
GE 8000		41.9	46.2	53.6	55.9	56.1	58.7	59.9	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2
GE 7000		42.6	46.9	54.4	56.7	57.1	59.7	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.2
GE 6000		42.6	46.9	54.5	56.9	57.2	59.8	60.9	60.9	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3
GE 5000		43.4	48.4	56.2	58.7	59.0	61.7	62.9	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 4500		44.3	49.4	57.3	59.8	60.1	62.8	64.1	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
GE 4000		44.3	49.4	57.3	59.8	60.1	62.8	64.1	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
GE 3500		49.0	55.1	64.2	67.2	67.6	70.7	72.3	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6
GE 3000		50.9	57.3	66.6	69.7	70.4	73.7	75.3	75.3	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6
GE 2500		54.6	61.7	72.3	75.6	76.4	79.6	81.6	81.6	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
GE 2000		54.7	61.8	72.9	76.3	77.0	80.4	82.3	82.6	82.6	82.7	82.8	82.8	83.0	83.0	83.0	83.0
GE 1800		55.4	62.8	73.9	77.3	78.1	81.7	83.6	83.9	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
GE 1600		55.4	62.8	73.9	77.3	78.1	81.7	83.6	83.9	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
GE 1400		55.4	62.8	73.9	77.3	78.1	81.7	83.6	83.9	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
GE 1200		55.6	63.1	75.4	78.9	79.6	83.2	85.2	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 1000		56.0	63.8	76.4	79.9	80.7	84.3	86.3	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1
GE 900		56.4	64.3	77.1	81.1	81.9	85.8	87.8	88.2	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 800		56.5	64.4	77.2	81.2	82.1	86.2	88.2	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 700		56.5	64.5	77.8	81.9	82.7	86.9	89.4	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 600		57.4	65.7	79.6	84.1	85.0	91.1	92.6	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 500		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 400		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 300		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 200		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 100		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 0		57.5	66.3	82.4	85.6	85.9	91.0	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAY

HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		24.2	27.2	31.6	33.4	33.9	36.0	37.5	38.1	38.6	38.6	38.6	38.8	39.2	39.5	39.7	
GE 20000		26.3	30.1	34.7	37.5	38.3	40.9	42.5	43.0	43.6	43.6	43.6	43.8	44.1	44.4	44.7	
GE 18000		26.4	30.2	34.8	37.6	38.4	41.0	42.6	43.1	43.7	43.7	43.7	43.9	44.2	44.6	44.8	
GE 16000		26.4	30.2	34.8	37.6	38.4	41.0	42.6	43.1	43.7	43.7	43.7	43.9	44.2	44.6	44.8	
GE 14000		26.4	30.2	34.8	37.6	38.4	41.0	42.6	43.1	43.7	43.7	43.7	43.9	44.2	44.6	44.8	
GE 12000		26.4	30.2	34.8	37.6	38.4	41.0	42.7	43.3	43.8	43.8	43.8	44.0	44.3	44.7	44.9	
GE 10000		27.0	31.0	35.7	38.7	39.6	42.2	44.0	44.6	45.1	45.1	45.1	45.3	45.6	46.0	46.2	
GE 9000		27.2	31.2	35.9	38.9	39.8	42.4	44.2	44.9	45.4	45.4	45.4	45.6	46.0	46.3	46.5	
GE 8000		29.6	33.9	40.0	43.3	44.3	47.2	49.7	50.4	51.0	51.0	51.0	51.2	51.6	51.9	52.1	
GE 7000		30.3	34.8	41.0	44.3	45.4	48.3	50.8	51.5	52.1	52.1	52.1	52.3	52.6	53.0	53.2	
GE 6000		30.3	34.8	41.0	44.3	45.4	48.3	50.8	51.5	52.1	52.1	52.1	52.3	52.6	53.0	53.2	
GE 5000		31.2	36.2	42.6	46.1	47.2	50.4	52.9	53.5	54.4	54.4	54.4	54.7	55.1	55.4	55.7	
GE 4500		31.8	36.9	43.4	47.0	48.2	51.3	53.8	54.5	55.3	55.3	55.3	55.7	56.1	56.4	56.6	
GE 4000		35.8	41.2	49.0	53.3	54.7	58.8	61.6	62.2	63.3	63.3	63.3	63.6	64.1	64.4	64.6	
GE 3500		38.2	43.6	51.6	56.2	57.7	62.4	65.5	66.1	67.3	67.3	67.3	67.6	68.1	68.4	68.6	
GE 3000		42.5	48.1	56.9	61.7	63.4	68.2	71.3	72.1	73.4	73.4	73.4	73.7	74.1	74.4	74.6	
GE 2500		42.6	48.2	57.0	61.8	63.5	68.4	71.5	72.3	73.6	73.6	73.6	73.9	74.3	74.6	74.9	
GE 2000		44.0	50.1	58.9	63.9	65.6	70.4	73.7	74.4	75.8	75.8	75.8	76.2	76.6	76.9	77.1	
GE 1800		44.3	50.5	59.4	64.4	66.1	71.7	74.3	75.2	76.6	76.6	76.6	76.9	77.3	77.7	77.9	
GE 1500		44.9	51.6	61.1	66.0	67.7	72.8	76.3	77.1	78.5	78.5	78.5	78.9	79.3	79.6	79.8	
GE 1200		45.4	52.3	62.5	67.5	69.4	74.6	78.1	79.2	80.8	80.8	80.8	81.1	81.6	81.9	82.1	
GE 1000		45.8	53.0	63.9	69.7	72.0	77.3	81.0	82.1	83.7	83.7	83.7	84.0	84.5	84.8	85.0	
GE 900		46.0	53.2	64.3	70.6	72.8	78.3	82.0	83.1	84.7	84.7	84.7	85.0	85.4	85.8	86.0	
GE 800		46.4	53.6	64.7	71.3	73.7	79.3	83.3	84.4	86.0	86.0	86.0	86.3	86.7	87.1	87.3	
GE 700		46.9	54.4	66.5	74.1	76.7	82.5	86.7	87.8	89.4	89.4	89.4	89.8	90.2	90.5	90.7	
GE 600		47.1	54.7	67.3	75.1	77.8	84.0	88.3	89.4	91.7	91.7	91.7	91.9	91.8	92.1	92.3	
GE 500		47.1	54.7	67.4	75.6	78.6	85.1	89.9	90.9	92.9	92.9	92.9	93.2	93.6	94.0	94.2	
GE 400		47.2	54.8	68.0	76.5	79.5	86.9	91.9	93.0	95.0	95.0	95.0	95.4	95.8	96.1	96.3	
GE 300		47.2	54.8	68.0	76.6	79.7	87.3	92.6	94.0	96.2	96.2	96.3	96.7	97.3	97.6	98.1	
GE 200		47.2	54.8	68.0	76.6	79.7	87.3	92.9	94.4	96.9	96.9	97.2	97.5	98.3	98.6	99.1	
GE 100		47.2	54.8	68.0	76.6	79.7	87.3	92.9	94.4	96.9	96.9	97.2	97.5	98.6	98.9	99.7	
GE	GT	47.2	54.8	68.0	76.6	79.7	87.3	92.9	94.4	96.9	96.9	97.2	97.5	98.6	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	I	20.0	21.8	25.7	27.6	28.2	29.0	29.9	30.2	30.3	30.5	30.5	30.6	30.6	30.6	30.6	30.8
GE 2000	I	25.3	27.6	32.3	34.9	35.6	36.6	38.3	38.6	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.2
GE 1800	I	25.4	27.7	32.4	35.0	35.7	36.8	38.4	38.7	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.4
GE 1600	I	25.4	27.7	32.4	35.0	35.7	36.8	38.4	38.7	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.4
GE 1400	I	25.4	27.7	32.4	35.0	35.7	36.8	38.4	38.7	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.4
GE 1200	I	25.4	27.7	32.5	35.2	35.9	37.0	38.7	39.0	39.1	39.4	39.4	39.5	39.5	39.5	39.5	39.7
GE 1000	I	26.5	29.2	34.4	37.5	38.2	39.4	41.2	41.6	41.7	41.9	41.9	42.1	42.1	42.1	42.1	42.3
GE 900	I	26.7	29.4	34.6	37.7	38.5	39.7	41.5	41.9	42.1	42.3	42.3	42.4	42.4	42.4	42.4	42.6
GE 800	I	29.9	33.1	39.2	42.6	43.6	45.2	47.5	47.9	48.0	48.2	48.2	48.3	48.3	48.3	48.4	48.6
GE 700	I	31.0	34.4	40.5	44.1	44.9	46.6	48.9	49.4	49.5	49.7	49.7	49.8	49.8	49.8	49.9	50.2
GE 600	I	31.0	34.4	40.5	44.1	44.9	46.6	48.9	49.4	49.5	49.7	49.7	49.8	49.8	49.8	49.9	50.2
GE 500	I	31.8	35.5	41.9	45.5	46.3	48.0	50.3	50.9	51.0	51.5	51.5	51.6	51.6	51.6	51.7	51.9
GE 450	I	32.6	36.3	42.8	46.7	47.5	49.3	51.6	52.2	52.3	52.8	52.8	52.9	52.9	52.9	53.0	53.2
GE 400	I	36.6	41.2	49.1	53.6	54.6	56.5	58.8	59.6	59.8	60.2	60.2	60.3	60.3	60.3	60.4	60.6
GE 350	I	39.1	43.7	52.0	56.8	57.8	60.0	62.6	63.5	63.8	64.2	64.3	64.4	64.4	64.4	64.6	64.9
GE 300	I	43.1	47.8	57.2	62.3	63.4	65.8	68.6	69.6	70.1	70.5	70.6	70.7	70.7	70.7	70.9	71.1
GE 250	I	43.9	48.6	58.2	63.2	64.3	66.8	69.6	70.6	71.0	71.5	71.6	71.7	71.7	71.7	71.9	72.1
GE 200	I	46.5	51.2	61.0	66.5	67.6	70.1	73.0	73.9	74.6	75.0	75.1	75.2	75.2	75.2	75.5	75.7
GE 180	I	46.8	51.6	61.3	66.9	68.0	70.5	73.4	74.4	75.0	75.5	75.6	75.7	75.7	75.7	75.9	76.1
GE 150	I	48.4	53.6	63.6	69.4	70.5	73.1	76.1	77.1	77.8	78.3	78.4	78.5	78.5	78.5	78.7	78.9
GE 120	I	50.2	55.5	65.9	72.4	73.5	76.2	79.4	80.4	81.2	81.6	81.7	81.8	81.8	81.8	82.1	82.3
GE 100	I	51.9	57.4	68.6	76.1	77.3	80.1	83.4	84.5	85.3	85.7	85.8	85.9	85.9	85.9	86.2	86.4
GE 90	I	52.1	57.6	69.4	77.6	78.8	81.9	85.2	86.4	87.1	87.6	87.7	87.8	87.8	87.8	88.0	88.2
GE 80	I	52.2	57.8	69.9	78.5	79.7	82.9	86.3	87.5	88.2	88.6	88.8	88.9	88.9	88.9	89.1	89.3
GE 70	I	52.3	58.1	70.8	79.5	81.0	84.6	88.8	90.1	90.9	91.4	91.5	91.6	91.6	91.6	91.8	92.0
GE 60	I	52.6	58.4	71.5	80.1	81.8	86.4	90.7	92.0	92.9	93.3	93.4	93.5	93.5	93.5	93.7	93.9
GE 50	I	52.6	58.5	71.8	81.0	82.8	88.0	92.9	94.3	95.2	95.7	95.8	95.9	95.9	95.9	96.1	96.3
GE 40	I	52.6	58.5	72.0	81.3	83.4	88.5	93.8	95.2	96.2	96.6	96.9	97.2	97.2	97.2	97.4	97.6
GE 30	I	52.6	58.5	72.0	81.3	83.4	88.5	93.9	95.5	96.9	97.5	97.8	98.2	98.2	98.2	98.4	98.8
GE 20	I	52.6	58.5	72.0	81.3	83.4	88.5	94.2	95.7	97.2	97.9	98.3	98.7	99.1	99.1	99.4	99.8
GE 10	I	52.6	58.5	72.0	81.3	83.4	88.5	94.2	95.7	97.2	97.9	98.3	98.7	99.1	99.2	99.5	100.0
GE	CI	52.6	58.5	72.0	81.3	83.4	88.5	94.2	95.7	97.2	97.9	98.3	98.7	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: G35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 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
NO CEIL		22.6	24.0	27.5	28.2	28.2	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 20000		28.0	30.1	35.3	36.5	36.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000		28.0	30.1	35.3	36.5	36.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000		28.0	30.1	35.3	36.5	36.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 14000		28.0	30.1	35.3	36.5	36.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000		28.0	30.1	35.3	36.5	36.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000		29.2	31.3	36.7	38.4	38.6	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 9000		30.0	32.1	37.6	39.3	39.5	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 8000		33.5	36.0	42.3	44.3	44.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 7000		35.3	37.8	44.3	46.4	46.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 6000		35.3	37.8	44.3	46.4	46.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 5000		37.3	40.4	47.2	49.6	49.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 4500		37.4	40.5	47.3	49.7	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 4000		41.2	44.5	52.1	54.7	55.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3500		43.9	47.3	55.2	57.8	58.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 3000		55.3	59.3	68.3	72.0	72.4	74.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2500		58.7	62.7	71.6	75.3	75.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2000		62.1	66.6	75.6	79.8	80.2	82.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800		62.3	66.8	75.9	80.0	80.4	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500		63.6	68.8	78.6	83.2	83.7	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200		66.1	72.1	83.1	88.5	89.0	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000		66.3	72.5	83.9	90.0	90.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900		66.3	72.5	83.9	90.4	91.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800		66.3	72.5	84.1	91.0	91.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700		66.6	72.7	85.1	92.1	93.1	95.9	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 600		66.6	72.7	85.1	92.3	93.3	96.3	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 500		66.6	72.7	85.1	92.3	93.3	96.6	97.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4
GE 400		66.6	72.7	85.1	92.3	93.4	96.9	97.8	98.2	98.9	99.2	99.1	99.1	99.1	99.1
GE 300		66.6	72.7	85.1	92.3	93.4	97.7	97.9	98.3	99.0	99.4	99.5	99.5	99.7	99.9
GE 200		66.6	72.7	85.1	92.3	93.4	97.7	97.9	98.3	99.1	99.5	99.6	99.6	99.8	100.0
GE 100		66.6	72.7	85.1	92.3	93.4	97.0	97.9	98.3	99.1	99.5	99.6	99.6	99.8	100.0
GE 0		66.6	72.7	85.1	92.3	93.4	97.7	97.9	98.3	99.1	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		23.6	25.1	28.4	29.3	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 20000		28.5	30.9	35.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000		28.5	30.9	35.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000		28.5	30.9	35.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 14000		28.5	30.9	35.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000		28.9	31.2	36.0	37.4	37.4	37.7	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000		29.8	32.2	37.2	38.8	38.8	39.2	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 9000		30.3	32.6	37.6	39.2	39.2	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 8000		35.0	38.2	43.6	45.6	45.6	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 7000		36.5	39.7	45.1	47.1	47.1	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 6000		36.6	39.8	45.2	47.2	47.2	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 5000		38.3	41.7	47.1	49.2	49.2	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4500		38.6	42.1	47.5	49.5	49.5	50.4	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 4000		44.4	47.9	54.2	56.6	56.6	57.7	57.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 3500		50.6	54.2	60.6	63.1	63.1	64.2	64.5	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8
GE 3000		64.0	68.0	75.6	78.4	78.5	79.6	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500		66.4	70.4	78.1	81.1	81.2	82.3	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000		69.9	74.2	81.9	85.2	85.4	86.7	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800		69.9	74.2	81.9	85.3	85.5	86.8	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500		71.1	76.5	85.3	88.6	89.0	90.4	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200		72.5	78.2	87.5	91.7	92.0	93.4	93.8	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000		73.0	78.7	88.5	93.3	93.6	95.0	95.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 900		73.1	78.8	88.6	93.6	93.9	95.4	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 800		73.1	78.9	89.0	94.1	94.4	95.9	96.3	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 700		73.2	79.0	89.4	94.7	95.0	96.8	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 600		73.2	79.0	89.4	94.7	95.0	97.0	97.9	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		73.2	79.0	89.4	94.8	95.1	97.3	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400		73.2	79.0	89.4	94.9	95.2	97.5	98.6	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 300		73.2	79.0	89.4	94.9	95.4	97.6	98.7	98.7	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 200		73.2	79.0	89.4	94.9	95.4	97.6	98.7	98.7	99.4	99.6	99.8	100.0	100.0	100.0	100.0
GE 100		73.2	79.0	89.4	94.9	95.4	97.6	98.7	98.7	99.4	99.6	99.8	100.0	100.0	100.0	100.0
GE 0		73.2	79.0	89.4	94.9	95.4	97.6	98.7	98.7	99.4	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	GT 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 G
NO CEIL		29.2	30.4	33.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 2000		35.6	37.3	41.2	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1800		35.9	37.8	41.8	43.6	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 1600		35.9	37.8	41.8	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 1400		35.9	37.8	41.8	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 1200		36.0	37.9	41.9	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 1000		36.7	38.7	43.0	44.3	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 900		37.1	39.3	43.5	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 800		41.6	44.6	49.6	51.7	51.7	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 700		43.4	45.9	51.4	53.6	53.6	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 600		43.4	45.9	51.4	53.6	53.6	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 500		45.6	48.3	53.8	56.1	56.1	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 450		46.2	48.9	54.5	56.8	56.8	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 400		51.9	55.2	61.5	63.9	64.0	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 350		56.7	60.6	66.6	69.2	69.3	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 300		67.6	71.3	79.0	82.1	82.3	82.9	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 250		68.8	72.6	80.4	83.7	83.8	84.4	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 200		71.0	75.1	83.3	86.9	87.2	88.0	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 180		71.0	75.1	83.5	87.1	87.4	88.2	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 160		72.3	76.8	86.1	89.7	90.2	91.0	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 120		73.1	78.0	88.1	91.8	92.3	93.3	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 100		73.8	78.9	89.5	93.8	94.4	95.5	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 90		73.9	79.2	89.6	94.4	94.9	96.0	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 80		74.0	79.1	89.7	94.6	95.1	96.4	97.1	97.5	97.8	97.8	97.9	97.9	98.1	98.1	98.1
GE 70		74.1	79.3	89.9	95.0	95.6	97.0	97.6	98.1	98.5	98.5	98.6	98.6	98.7	98.7	98.7
GE 60		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.5	99.0	99.0	99.1	99.1	99.2	99.2	99.2
GE 50		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.5	99.2	99.2	99.4	99.4	99.5	99.5	99.5
GE 40		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.6	99.5	99.5	99.6	99.7	99.8	99.8	99.8
GE 30		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.6	99.5	99.5	99.6	99.7	99.9	99.9	99.9
GE 20		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.6	99.5	99.5	99.6	99.7	100.0	100.0	100.0
GE 10		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.6	99.5	99.5	99.6	99.7	100.0	100.0	100.0
GE 0		74.1	79.3	89.9	95.1	95.7	97.3	98.1	98.6	99.5	99.5	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAY

HOURS(IST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	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	
NO CEIL	1		34.8	36.5	41.1	42.4	42.6	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
GE 20000			41.5	43.4	49.4	51.0	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 18000			41.5	43.4	49.4	51.0	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 16000			41.5	43.4	49.4	51.0	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 14000			41.5	43.4	49.4	51.0	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 12000			41.5	43.4	49.4	51.0	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 10000			41.6	43.7	49.8	51.4	51.7	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	
GE 9000			41.8	43.9	50.1	51.7	52.1	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 8000			46.8	49.2	57.3	59.4	59.8	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 7000			47.9	50.8	59.2	61.5	61.9	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE 6000			47.9	50.8	59.2	61.5	61.9	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE 5000			49.5	52.7	61.1	63.4	63.9	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 4500			49.7	53.1	61.6	63.9	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
GE 4000			53.7	57.8	67.5	70.0	70.5	71.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	
GE 3500			56.2	60.3	70.2	72.8	73.3	74.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	
GE 3000			63.9	68.7	79.8	83.1	83.5	84.6	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	
GE 2500			64.1	69.2	80.5	84.1	84.5	85.6	86.0	86.1	86.3	86.4	86.4	86.4	86.4	86.4	
GE 2000			65.5	71.1	83.0	86.7	87.2	88.4	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	
GE 1800			65.6	71.2	83.2	86.9	87.4	88.6	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	
GE 1600			66.0	71.9	84.5	88.3	89.0	90.2	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	
GE 1400			66.3	72.5	86.0	90.6	91.3	92.6	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	
GE 1200			67.0	73.2	86.9	91.5	92.3	93.8	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	
GE 900			67.0	73.2	87.1	91.7	92.6	94.3	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	
GE 800			67.0	73.2	87.2	92.3	93.3	94.9	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	
GE 700			67.0	73.3	87.4	92.9	93.8	96.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	
GE 600			67.0	73.4	87.6	93.0	93.9	96.2	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	
GE 500			67.0	73.4	87.6	93.1	94.0	96.8	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	
GE 400			67.0	73.4	87.6	93.1	94.0	97.0	98.3	98.6	98.9	99.0	99.0	99.1	99.1	99.1	
GE 300			67.0	73.4	87.6	93.1	94.0	97.0	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	
GE 200			67.0	73.4	87.6	93.1	94.0	97.0	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	
GE 100			67.0	73.4	87.6	93.1	94.0	97.0	98.3	98.6	99.0	99.1	99.1	99.1	99.1	100.0	
GE 0			67.0	73.4	87.6	93.1	94.0	97.0	98.3	98.6	99.0	99.1	99.1	99.1	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 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		36.1	38.0	43.7	45.0	45.1	45.8	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
GE 2000		40.3	42.9	49.8	51.8	51.9	53.0	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 1800		40.3	42.9	49.8	51.8	51.9	53.0	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 1600		40.3	42.9	49.8	51.8	51.9	53.0	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 1400		40.3	42.9	49.8	51.8	51.9	53.0	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 1200		40.3	42.9	49.8	51.8	51.9	53.0	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 1000		41.1	43.7	50.9	52.9	53.0	54.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
GE 900		41.4	44.0	51.3	53.3	53.4	54.5	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GE 800		45.6	48.4	56.7	59.3	59.5	60.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 700		46.5	49.5	58.0	60.7	60.9	62.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
GE 600		46.5	49.5	58.0	60.7	60.9	62.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
GE 500		47.5	50.9	59.5	62.2	62.5	63.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GE 450		47.8	51.3	60.1	62.8	63.0	64.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 400		52.5	56.7	66.3	69.5	69.7	71.1	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 350		54.3	58.6	68.4	71.5	71.7	73.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
GE 300		59.5	64.2	75.3	78.7	79.0	80.8	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
GE 250		59.5	64.3	75.7	79.2	79.4	81.2	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
GE 200		60.6	65.7	78.1	81.7	82.0	83.9	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 180		60.6	65.7	78.2	81.8	82.1	84.0	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 150		61.5	66.6	79.8	83.4	83.7	85.7	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 120		62.1	67.3	81.1	85.3	85.7	87.6	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 100		62.7	67.9	82.0	86.4	86.7	89.0	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE 90		63.0	68.2	82.3	86.7	87.1	89.3	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 80		63.0	68.2	82.5	87.1	87.5	90.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 70		63.1	68.3	83.0	88.1	88.6	91.9	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 60		63.2	68.7	83.5	88.8	89.2	92.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 50		63.4	68.9	83.8	89.3	89.8	93.3	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 40		63.4	68.9	83.8	89.4	90.0	93.9	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 30		63.4	68.9	83.8	89.5	90.1	94.5	96.8	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 20		63.4	68.9	83.8	89.5	90.1	94.5	96.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 10		63.4	68.9	83.8	89.5	90.1	94.5	96.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 0		63.4	68.9	83.8	89.5	90.1	94.5	96.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 0		63.4	68.9	83.8	89.5	90.1	94.5	96.8	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS													
IN FEET	GT 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		28.3	30.2	34.3	35.6	35.8	36.8	37.4	37.5	37.6	37.6	37.6	37.7	37.7	37.8
GE 20000		33.0	35.6	40.8	42.6	42.8	44.0	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.1
GE 18000		33.1	35.6	40.9	42.7	42.9	44.1	44.8	44.9	45.0	45.0	45.0	45.1	45.1	45.2
GE 16000		33.1	35.6	40.9	42.7	42.9	44.1	44.8	44.9	45.0	45.0	45.0	45.1	45.1	45.2
GE 14000		33.1	35.6	40.9	42.7	42.9	44.1	44.8	44.9	45.0	45.0	45.0	45.1	45.1	45.2
GE 12000		33.2	35.7	40.9	42.8	43.1	44.3	45.0	45.2	45.3	45.3	45.3	45.3	45.4	45.5
GE 10000		33.9	36.6	42.0	44.1	44.4	45.6	46.3	46.5	46.6	46.6	46.6	46.7	46.7	46.8
GE 9000		34.2	36.9	42.4	44.5	44.8	46.0	46.8	46.9	47.0	47.1	47.1	47.1	47.2	47.3
GE 8000		38.0	41.1	47.8	50.3	50.7	52.1	53.0	53.2	53.3	53.4	53.4	53.4	53.5	53.6
GE 7000		39.2	42.5	49.2	51.8	52.2	53.7	54.6	54.8	54.9	55.0	55.0	55.0	55.1	55.2
GE 6000		39.2	42.5	49.3	51.8	52.2	53.7	54.6	54.8	55.0	55.0	55.0	55.0	55.1	55.2
GE 5000		40.6	44.3	51.2	53.8	54.2	55.8	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.3
GE 4500		41.1	44.8	51.8	54.5	54.9	56.5	57.4	57.6	57.8	57.8	57.8	57.9	58.0	58.1
GE 4000		45.7	50.0	58.0	61.1	61.6	63.4	64.4	64.7	64.9	65.0	65.0	65.1	65.1	65.2
GE 3500		48.7	53.1	61.4	64.6	65.2	67.2	68.3	68.5	68.8	68.9	68.9	69.0	69.0	69.1
GE 3000		56.3	61.1	70.5	74.2	74.8	76.9	78.2	78.5	78.8	78.9	79.0	79.0	79.1	79.2
GE 2500		57.3	62.2	71.8	75.6	76.2	78.3	79.6	79.9	80.2	80.3	80.3	80.4	80.5	80.6
GE 2000		59.4	64.6	74.5	78.5	79.2	81.4	82.7	83.0	83.4	83.5	83.5	83.6	83.6	83.7
GE 1800		59.5	64.7	74.7	78.7	79.4	81.7	83.0	83.4	83.7	83.8	83.8	83.9	84.0	84.1
GE 1500		60.4	66.1	76.8	80.9	81.7	84.0	85.4	85.7	86.1	86.2	86.2	86.3	86.3	86.4
GE 1200		61.5	67.4	78.8	83.5	84.2	86.6	88.1	88.5	88.9	89.0	89.0	89.1	89.2	89.3
GE 1000		62.1	68.2	80.0	85.2	86.1	88.6	90.2	90.7	91.1	91.2	91.2	91.3	91.3	91.4
GE 900		62.2	68.4	80.3	85.8	86.7	89.3	91.0	91.4	91.9	92.0	92.0	92.1	92.1	92.2
GE 800		62.3	68.5	80.6	86.3	87.3	90.1	91.9	92.3	92.7	92.9	92.9	93.0	93.1	93.1
GE 700		62.6	68.8	81.5	87.6	88.6	91.9	93.8	94.3	94.8	94.9	94.9	95.0	95.1	95.2
GE 600		62.7	69.1	81.8	88.0	89.1	92.6	94.7	95.2	95.7	95.8	95.8	95.9	96.0	96.1
GE 500		62.7	69.1	81.9	88.3	89.5	93.3	95.6	96.1	96.7	96.8	96.9	96.9	97.0	97.1
GE 400		62.7	69.1	82.0	88.6	89.7	93.9	96.3	96.8	97.6	97.7	97.8	97.9	98.0	98.1
GE 300		62.7	69.1	82.0	88.6	89.8	94.1	96.6	97.3	98.2	98.4	98.5	98.6	98.8	98.9
GE 200		62.7	69.1	82.0	88.6	89.8	94.1	96.7	97.4	98.4	98.6	98.9	99.1	99.3	99.5
GE 100		62.7	69.1	82.0	88.6	89.8	94.1	96.7	97.4	98.4	98.6	98.9	99.2	99.4	99.6
GE		62.7	69.1	82.0	88.6	89.8	94.1	96.7	97.4	98.4	98.6	98.9	99.2	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS: 7403

AD-A190 781

RAF BENTWATERS UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JAN 88
USAFETAC/DS-88/019

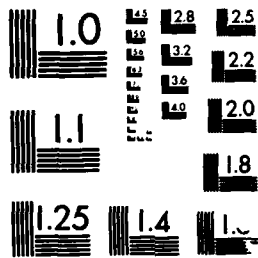
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	GT 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		30.1	32.6	37.9	39.8	40.7	43.4	43.6	43.8	44.0	44.1	44.3	44.3	44.3	44.3	44.4
GE 20000		32.0	34.8	41.1	43.4	44.4	47.0	47.4	47.6	47.9	48.0	48.2	48.2	48.2	48.2	48.3
GE 18000		32.0	34.8	41.1	43.4	44.4	47.0	47.4	47.6	47.9	48.0	48.2	48.2	48.2	48.2	48.3
GE 16000		32.0	34.8	41.1	43.4	44.4	47.0	47.4	47.6	47.9	48.0	48.2	48.2	48.2	48.2	48.3
GE 14000		32.0	34.8	41.1	43.4	44.4	47.0	47.4	47.6	47.9	48.0	48.2	48.2	48.2	48.2	48.3
GE 12000		32.2	35.1	41.5	43.7	44.7	47.4	47.7	47.9	48.3	48.4	48.5	48.5	48.5	48.5	48.6
GE 10000		33.6	36.7	43.3	45.6	46.6	49.3	49.6	49.8	50.2	50.3	50.4	50.4	50.4	50.4	50.5
GE 9000		33.7	36.8	43.4	45.7	46.9	49.6	49.9	50.2	50.5	50.6	50.7	50.7	50.7	50.7	50.8
GE 8000		39.1	42.8	49.9	52.6	53.8	56.9	57.4	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.5
GE 7000		39.2	43.0	50.4	53.3	54.6	57.7	58.4	58.6	59.2	59.3	59.4	59.4	59.4	59.4	59.5
GE 6000		39.2	43.0	50.4	53.3	54.6	57.7	58.4	58.6	59.3	59.4	59.5	59.5	59.5	59.5	59.6
GE 5000		42.5	46.6	54.5	57.6	59.0	62.2	62.9	63.1	63.9	64.0	64.1	64.1	64.1	64.1	64.2
GE 4500		43.1	47.3	55.2	58.5	59.9	63.1	63.8	64.0	64.8	64.9	65.0	65.0	65.0	65.0	65.1
GE 4000		48.0	52.8	61.4	65.4	66.8	70.2	70.9	71.1	71.9	72.0	72.1	72.1	72.1	72.1	72.2
GE 3500		49.4	54.3	63.3	67.3	68.7	72.2	72.9	73.1	73.9	74.0	74.1	74.1	74.1	74.1	74.2
GE 3000		54.5	60.1	70.8	76.3	77.7	81.7	82.4	82.6	83.4	83.5	83.6	83.6	83.6	83.6	83.7
GE 2500		55.0	60.6	71.3	76.8	78.4	82.5	83.2	83.4	84.2	84.3	84.4	84.4	84.4	84.4	84.5
GE 2000		55.7	61.9	73.4	78.9	80.6	84.8	85.6	85.8	86.6	86.7	86.8	86.8	86.8	86.8	87.0
GE 1800		55.7	61.9	73.4	78.9	80.6	84.8	85.6	85.8	86.6	86.7	86.8	86.8	86.8	86.8	87.0
GE 1500		56.0	62.2	73.9	79.7	81.6	85.8	86.6	86.8	87.6	87.7	87.8	87.8	87.8	87.8	88.0
GE 1200		57.7	64.7	76.7	82.5	84.4	88.6	89.4	89.6	90.4	90.5	90.6	90.6	90.6	90.6	90.7
GE 1000		58.0	64.9	77.6	83.5	85.4	89.7	90.5	90.7	91.5	91.6	91.8	91.8	91.8	91.8	91.9
GE 900		58.0	64.9	77.6	83.7	85.6	90.0	90.7	91.0	91.8	91.9	92.0	92.0	92.0	92.0	92.1
GE 800		58.2	65.3	78.3	84.2	86.1	90.4	91.2	91.4	92.2	92.3	92.4	92.4	92.4	92.4	92.5
GE 700		58.3	65.4	78.6	84.5	86.4	90.7	91.6	91.9	92.6	92.7	92.9	92.9	92.9	92.9	93.0
GE 600		58.5	65.8	79.0	85.4	87.3	91.9	92.9	93.1	93.9	94.0	94.1	94.1	94.1	94.1	94.2
GE 500		59.1	66.4	80.3	86.6	88.5	93.9	95.1	95.4	96.2	96.3	96.4	96.4	96.4	96.4	96.5
GE 400		59.1	66.4	80.6	87.0	88.9	94.6	95.9	96.2	97.0	97.1	97.5	97.5	97.5	97.5	97.7
GE 300		59.1	66.6	80.8	87.5	89.4	95.2	96.4	97.1	97.9	98.0	98.4	98.6	98.6	98.6	98.9
GE 200		59.1	66.6	80.8	87.6	89.5	95.3	96.5	97.2	98.0	98.1	98.6	98.7	98.8	98.8	99.1
GE 100		59.1	66.6	80.8	87.6	89.5	95.3	96.5	97.3	98.1	98.2	98.7	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN

HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		19.0	20.9	25.8	28.9	30.0	31.1	33.0	33.8	34.7	35.0	35.0	35.7	35.4	35.4	35.7
GE 20000		21.1	23.4	28.7	32.3	33.7	35.0	37.0	37.8	38.7	39.0	39.0	39.0	39.4	39.4	39.7
GE 18000		21.4	23.6	28.9	32.5	33.9	35.3	37.3	38.0	38.9	39.3	39.3	39.3	39.6	39.6	39.9
GE 16000		21.4	23.6	28.9	32.5	33.9	35.3	37.3	38.0	38.9	39.3	39.3	39.3	39.6	39.6	39.9
GE 14000		21.4	23.6	28.9	32.5	33.9	35.3	37.3	38.0	38.9	39.3	39.3	39.3	39.6	39.6	39.9
GE 12000		21.5	23.7	29.0	32.6	34.0	35.4	37.4	38.2	39.0	39.4	39.4	39.4	39.7	39.7	40.0
GE 10000		21.9	24.4	29.9	34.1	35.6	37.0	39.0	39.8	40.7	41.0	41.0	41.0	41.4	41.4	41.7
GE 9000		21.9	24.5	30.0	34.3	35.7	37.3	39.4	40.2	41.0	41.4	41.4	41.4	41.7	41.7	42.0
GE 8000		26.5	29.6	36.7	41.6	43.2	45.4	47.7	48.5	49.8	50.2	50.2	50.2	50.5	50.5	50.8
GE 7000		27.4	30.7	37.8	42.9	44.6	46.8	49.2	50.1	51.6	51.9	51.9	51.9	52.3	52.3	52.6
GE 6000		27.4	30.7	37.8	42.9	44.6	46.8	49.2	50.1	51.6	51.9	51.9	51.9	52.3	52.3	52.6
GE 5000		30.3	34.0	41.5	47.1	48.7	51.3	53.6	54.5	56.1	56.4	56.4	56.5	56.8	56.8	57.2
GE 4500		30.8	34.7	42.8	48.5	50.2	52.8	55.2	56.1	57.6	58.0	58.0	58.1	58.4	58.4	58.7
GE 4000		34.5	39.2	48.5	54.6	56.4	59.5	62.2	63.2	64.7	65.1	65.1	65.2	65.5	65.5	65.9
GE 3500		36.5	41.4	51.6	57.7	59.5	62.7	65.4	66.4	68.0	68.3	68.3	68.4	68.7	68.7	69.1
GE 3000		41.4	46.8	58.2	64.7	67.0	70.4	73.5	74.6	76.2	76.5	76.5	76.6	77.0	77.0	77.3
GE 2500		41.5	46.9	58.5	65.2	67.4	71.0	74.2	75.3	76.9	77.2	77.3	77.4	77.8	77.8	78.1
GE 2000		42.8	48.7	60.7	67.4	70.0	73.5	77.0	78.1	79.6	80.0	80.1	80.2	80.5	80.5	80.9
GE 1800		42.9	48.8	60.8	67.6	70.2	73.7	77.2	78.3	79.9	80.2	80.3	80.4	80.8	80.8	81.1
GE 1500		43.5	49.7	61.8	69.0	71.9	75.4	78.9	80.0	81.5	81.9	82.0	82.1	82.4	82.4	82.8
GE 1200		45.5	51.9	64.6	72.0	74.9	78.5	82.0	83.3	84.9	85.2	85.3	85.4	85.8	85.8	86.1
GE 1000		46.1	52.7	66.0	73.4	76.3	80.1	83.9	85.2	86.9	87.2	87.3	87.4	87.8	87.8	88.1
GE 900		46.2	52.8	66.6	74.4	77.3	81.2	85.0	86.7	88.3	88.7	88.8	88.9	89.2	89.2	89.5
GE 800		46.2	52.8	66.9	75.1	78.1	82.0	85.8	87.4	89.2	89.5	89.7	89.8	90.1	90.1	90.4
GE 700		46.5	53.4	67.5	76.1	79.2	83.2	87.1	88.8	90.5	90.9	91.0	91.1	91.5	91.5	91.9
GE 600		47.1	54.2	68.4	77.1	80.4	84.6	88.7	90.3	92.1	92.4	92.5	92.7	93.1	93.1	93.4
GE 500		47.1	54.3	68.9	77.9	81.5	86.3	90.4	92.2	94.0	94.3	94.4	94.5	95.0	95.0	95.3
GE 400		47.1	54.3	68.9	78.1	82.0	87.1	91.4	93.2	95.0	95.3	95.6	95.7	96.3	96.3	96.7
GE 300		47.1	54.3	68.9	78.2	82.1	87.4	92.5	94.4	96.2	96.6	96.8	96.9	97.6	97.7	98.2
GE 200		47.1	54.3	68.9	78.2	82.1	87.4	92.5	94.4	96.2	96.6	97.1	97.3	98.2	98.4	99.2
GE 100		47.1	54.3	68.9	78.2	82.1	87.4	92.5	94.4	96.2	96.6	97.2	97.4	98.6	98.8	100.0
GE 0		47.1	54.3	68.9	78.2	82.1	87.4	92.5	94.4	96.2	96.6	97.2	97.4	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		21.0	23.0	25.9	28.6	29.0	31.0	32.4	32.5	32.7	32.7	32.7	32.7	32.7	32.8	32.8
GE 20000	25.9	28.5	32.3	35.4	36.0	38.2	39.5	39.6	39.8	39.8	39.8	39.8	39.8	39.9	40.0	40.0
GE 18000	26.0	28.6	32.4	35.5	36.2	38.3	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.2	40.2
GE 16000	26.0	28.6	32.4	35.5	36.2	38.3	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.2	40.2
GE 14000	26.0	28.6	32.4	35.5	36.2	38.3	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.2	40.2
GE 12000	26.4	28.9	32.7	35.8	36.5	38.6	39.9	40.0	40.3	40.3	40.3	40.3	40.3	40.4	40.5	40.5
GE 10000	27.4	30.3	34.1	37.6	38.3	40.5	41.9	42.0	42.3	42.3	42.3	42.3	42.3	42.4	42.5	42.5
GE 9000	27.7	30.6	34.5	38.0	38.7	40.9	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.8	42.9	42.9
GE 8000	31.0	34.5	38.9	43.4	44.4	46.7	48.3	48.4	48.9	49.1	49.1	49.1	49.1	49.2	49.3	49.3
GE 7000	32.3	35.8	40.5	45.1	46.1	48.4	49.9	50.1	50.6	50.7	50.7	50.7	50.7	50.8	50.9	50.9
GE 6000	32.3	35.9	40.6	45.2	46.2	48.5	50.1	50.2	50.7	50.8	50.8	50.8	50.8	50.9	51.1	51.1
GE 5000	34.9	38.7	43.8	48.5	49.5	51.8	53.4	53.5	54.1	54.2	54.2	54.2	54.2	54.3	54.4	54.4
GE 4500	35.7	39.6	44.8	49.6	50.6	52.9	54.5	54.6	55.2	55.3	55.3	55.3	55.3	55.4	55.5	55.5
GE 4000	38.8	43.4	49.7	54.6	55.8	58.5	60.3	60.6	61.3	61.4	61.4	61.4	61.4	61.5	61.6	61.6
GE 3500	42.0	46.8	53.6	58.8	60.2	63.1	64.8	65.2	65.9	66.0	66.0	66.0	66.0	66.1	66.2	66.2
GE 3000	46.4	51.6	58.8	64.7	66.3	69.2	71.3	71.7	72.6	72.7	72.7	72.7	72.7	72.9	73.0	73.0
GE 2500	47.2	52.4	60.0	65.9	67.4	70.3	72.4	72.9	73.7	73.9	73.9	73.9	73.9	74.0	74.1	74.1
GE 2000	49.5	55.2	63.6	70.0	71.5	74.4	76.6	77.1	78.0	78.2	78.2	78.2	78.2	78.3	78.4	78.4
GE 1800	49.7	55.4	63.8	70.2	71.7	74.6	76.9	77.3	78.2	78.4	78.4	78.4	78.4	78.5	78.6	78.6
GE 1500	51.1	57.0	65.7	72.2	73.9	77.1	79.3	79.8	80.6	80.9	80.9	80.9	80.9	81.0	81.1	81.1
GE 1200	53.8	60.1	69.4	76.2	77.9	81.5	84.3	84.8	85.7	85.9	85.9	85.9	85.9	86.0	86.1	86.1
GE 1000	54.9	61.4	71.1	77.9	79.5	83.5	86.7	87.1	88.0	88.2	88.2	88.2	88.2	88.3	88.4	88.4
GE 900	55.1	61.5	71.6	78.9	80.6	84.8	87.9	88.4	89.3	89.5	89.5	89.5	89.5	89.7	89.8	89.8
GE 800	55.5	62.2	73.0	80.3	82.1	86.5	89.7	90.2	91.1	91.3	91.3	91.3	91.3	91.4	91.5	91.5
GE 700	55.6	62.3	73.1	81.2	83.1	87.9	91.2	91.8	92.7	92.9	92.9	92.9	92.9	93.1	93.2	93.2
GE 600	55.6	62.3	73.5	82.0	84.1	89.0	92.4	93.0	93.9	94.2	94.3	94.3	94.3	94.5	94.7	94.7
GE 500	55.6	62.3	73.6	82.4	84.8	90.0	93.7	94.4	95.7	96.4	96.7	96.7	96.7	96.9	97.0	97.0
GE 400	55.6	62.3	73.6	82.5	84.9	90.3	94.2	95.2	96.4	97.3	97.7	97.7	97.7	97.9	98.0	98.0
GE 300	55.6	62.3	73.6	82.5	84.9	90.4	94.7	95.9	97.3	98.2	98.6	98.6	98.6	98.9	99.3	99.4
GE 200	55.6	62.3	73.6	82.5	84.9	90.4	94.7	96.0	97.4	98.3	98.7	98.7	98.7	99.1	99.6	99.8
GE 100	55.6	62.3	73.6	82.5	84.9	90.4	94.7	96.0	97.4	98.3	98.7	98.7	98.7	99.1	99.6	99.8
GE 0	55.6	62.3	73.6	82.5	84.9	90.4	94.7	96.0	97.4	98.3	98.7	98.7	98.7	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	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
NO CEIL	1	18.6	20.5	22.9	25.3	25.4	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000		24.6	27.1	30.1	32.6	32.9	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 18000		24.7	27.3	30.3	32.7	33.0	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 16000		24.8	27.4	30.4	32.8	33.1	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 14000		24.8	27.4	30.4	32.8	33.1	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 12000		25.3	27.8	30.8	33.3	33.6	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 10000		27.9	30.9	34.3	36.9	37.3	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000		28.3	31.3	34.6	37.3	37.6	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 8000		31.3	34.8	38.9	42.0	42.4	42.8	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3
GE 7000		32.1	35.7	39.8	42.9	43.3	43.7	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2
GE 6000		32.1	35.8	40.0	43.2	43.5	43.9	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4
GE 5000		34.0	37.8	42.0	45.2	45.5	45.9	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4
GE 4500		35.3	39.0	43.3	46.4	46.7	47.2	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9	47.9
GE 4000		40.7	44.7	49.3	52.4	52.7	53.3	53.7	53.7	53.7	53.9	54.1	54.1	54.1	54.1	54.1
GE 3500		45.4	49.4	54.2	57.3	57.6	58.2	58.6	58.6	58.8	58.8	59.0	59.0	59.0	59.0	59.0
GE 3000		58.2	63.1	69.0	72.1	72.5	73.2	73.6	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1
GE 2500		61.3	66.3	72.3	75.4	75.9	76.5	77.0	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4
GE 2000		66.9	72.3	79.2	82.4	82.9	83.5	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4
GE 1800		67.0	72.4	79.4	82.6	83.1	83.8	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6
GE 1500		69.2	75.1	82.9	87.2	87.8	88.5	89.0	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5
GE 1200		71.4	77.5	86.0	90.7	91.4	92.5	93.0	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE 1000		71.7	77.9	86.9	92.1	93.0	94.5	95.2	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9
GE 900		71.7	77.9	86.9	92.1	93.0	94.8	95.4	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1
GE 800		71.9	78.0	87.3	92.7	93.5	95.4	96.1	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 700		71.9	78.3	87.9	93.4	94.3	96.4	97.1	97.2	97.7	97.7	97.9	97.9	97.9	97.9	97.9
GE 600		72.0	78.4	88.0	93.5	94.5	96.8	97.7	97.8	98.2	98.2	98.6	98.6	98.6	98.6	98.6
GE 500		72.1	78.5	88.2	93.8	94.9	97.2	98.2	98.3	98.9	99.0	99.4	99.6	99.6	99.6	99.6
GE 400		72.1	78.5	88.2	93.8	94.9	97.2	98.4	98.6	99.1	99.2	99.7	99.8	99.8	99.8	99.8
GE 300		72.1	78.5	88.2	93.8	94.9	97.2	98.4	98.7	99.3	99.4	99.9	100.0	100.0	100.0	100.0
GE 200		72.1	78.5	88.2	93.8	94.9	97.2	98.4	98.7	99.3	99.4	99.9	100.0	100.0	100.0	100.0
GE 100		72.1	78.5	88.2	93.8	94.9	97.2	98.4	98.7	99.3	99.4	99.9	100.0	100.0	100.0	100.0
GE		72.1	78.5	88.2	93.8	94.9	97.2	98.4	98.7	99.3	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	I	19.6	21.2	24.4	25.2	25.8	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	I	27.2	29.1	32.4	33.3	34.1	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 18000	I	27.3	29.2	32.6	33.4	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 16000	I	27.3	29.2	32.6	33.4	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	I	27.3	29.2	32.6	33.4	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 12000	I	28.0	29.9	33.2	34.1	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 10000	I	30.1	32.1	35.8	36.7	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000	I	31.0	33.0	36.7	37.7	38.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 8000	I	35.3	37.6	41.9	43.0	43.8	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 7000	I	35.9	38.2	42.6	43.7	44.4	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 6000	I	36.1	38.6	43.0	44.2	45.0	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 5000	I	39.1	41.6	46.0	47.2	48.0	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 4500	I	40.0	42.4	46.9	48.1	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4000	I	49.0	51.6	56.2	57.7	58.4	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500	I	57.0	59.8	64.7	66.1	66.9	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3000	I	70.8	73.8	78.8	80.3	81.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	I	73.0	76.4	81.4	83.0	83.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	I	76.9	80.9	86.4	88.8	89.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	I	77.1	81.1	86.8	89.1	90.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	I	79.0	83.3	89.6	92.2	93.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	I	79.7	84.1	90.6	93.6	94.6	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	I	80.1	84.7	91.4	94.6	95.6	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	I	80.1	84.7	91.6	94.8	95.8	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	I	80.1	84.7	91.6	94.9	95.9	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	I	80.2	84.8	91.8	95.2	96.2	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	I	80.2	84.8	91.8	95.2	96.2	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	I	80.2	84.8	91.8	95.2	96.2	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	I	80.2	84.8	91.8	95.2	96.2	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	I	80.2	84.8	91.8	95.2	96.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	I	80.2	84.8	91.8	95.2	96.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	I	80.2	84.8	91.8	95.2	96.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	I	80.2	84.8	91.8	95.2	96.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	1		21.6	22.9	25.8	26.7	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE	20000		29.6	31.3	34.8	36.6	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE	18000		29.8	31.5	35.0	36.8	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE	16000		29.8	31.5	35.0	36.8	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE	14000		29.8	31.5	35.0	36.8	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE	12000		29.8	31.5	35.2	36.9	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE	10000		32.6	34.3	38.0	39.8	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE	9000		33.6	35.3	39.0	40.8	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE	8000		38.5	40.4	44.3	46.3	46.9	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE	7000		39.5	41.4	45.3	47.3	47.9	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE	6000		39.5	41.4	45.3	47.3	47.9	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE	5000		44.2	46.5	50.6	52.7	53.4	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE	4500		45.6	47.9	52.1	54.2	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE	4000		54.8	57.6	62.5	64.7	65.4	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE	3500		63.4	66.4	71.5	74.0	74.7	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE	3000		75.5	79.2	84.9	87.7	88.4	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE	2500		76.9	80.9	86.7	89.4	90.2	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	2000		79.8	83.8	89.8	93.0	93.9	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	1800		80.1	84.1	90.1	93.3	94.2	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	1500		80.8	84.9	91.0	94.5	95.4	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	1200		81.1	85.2	91.7	95.6	96.6	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	1000		81.1	85.2	91.8	95.7	96.7	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	900		81.1	85.2	91.8	95.7	96.7	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	800		81.1	85.2	91.8	95.7	96.7	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE	700		81.2	85.4	92.0	96.1	97.1	98.1	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	600		81.3	85.7	92.2	96.3	97.3	98.3	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2
GE	500		81.3	85.7	92.3	96.4	97.4	98.4	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE	400		81.3	85.7	92.3	96.4	97.4	98.4	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	99.8
GE	300		81.3	85.7	92.3	96.4	97.4	98.4	99.0	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9
GE	200		81.3	85.7	92.3	96.4	97.4	98.4	99.0	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9
GE	100		81.3	85.7	92.3	96.4	97.4	98.4	99.0	99.2	99.4	99.4	99.7	99.8	99.9	99.9	99.9
GE	0		81.3	85.7	92.3	96.6	97.6	98.6	99.1	99.3	99.6	99.6	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 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
NO CEIL		23.2	24.4	26.4	27.8	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000		30.8	32.6	34.8	36.7	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 18000		31.3	33.0	35.3	37.2	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 16000		31.3	33.0	35.3	37.2	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000		31.3	33.0	35.3	37.2	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000		31.5	33.3	35.6	37.5	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 10000		33.5	35.4	37.8	39.7	40.4	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 9000		33.6	35.5	37.9	39.8	40.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 8000		40.2	42.6	45.7	47.7	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 7000		43.0	45.5	48.7	50.7	51.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 6000		43.0	45.5	48.7	50.7	51.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000		49.1	51.9	55.4	57.5	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500		50.7	53.7	57.2	59.3	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 4000		60.7	64.0	67.9	70.6	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500		66.5	70.1	74.7	77.6	79.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000		73.7	78.2	83.6	86.9	88.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500		74.2	79.3	84.8	88.0	89.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000		74.7	80.0	85.8	89.4	91.1	92.5	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800		74.9	80.1	85.9	89.5	91.2	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500		76.0	81.2	87.3	91.0	92.7	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200		76.4	81.6	88.2	92.0	93.7	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000		76.9	82.1	89.0	92.9	94.5	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6
GE 900		76.9	82.2	89.1	93.0	94.7	96.7	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 800		76.9	82.2	89.1	93.0	94.7	96.7	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 700		76.9	82.2	89.2	93.1	94.8	96.9	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0
GE 600		76.9	82.2	89.2	93.1	95.2	97.3	98.2	98.3	98.6	98.6	98.8	98.9	99.0	99.0
GE 500		76.9	82.2	89.3	93.2	95.3	97.8	98.7	98.9	99.2	99.2	99.4	99.6	99.7	99.7
GE 400		76.9	82.2	89.3	93.2	95.3	97.9	98.8	99.0	99.3	99.3	99.6	99.7	99.8	99.8
GE 300		76.9	82.2	89.3	93.2	95.3	98.0	98.9	99.1	99.4	99.4	99.7	99.8	99.9	99.9
GE 200		76.9	82.2	89.3	93.2	95.3	98.0	98.9	99.1	99.4	99.4	99.7	99.8	100.0	100.0
GE 100		76.9	82.2	89.3	93.2	95.3	98.0	98.9	99.1	99.4	99.4	99.7	99.8	100.0	100.0
GE		76.9	82.2	89.3	93.2	95.3	98.0	98.9	99.1	99.4	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		30.1	31.8	35.4	37.7	38.5	39.7	39.8	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000		34.7	36.7	40.7	43.0	43.8	45.2	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000		35.0	37.0	41.0	43.4	44.2	45.5	45.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000		35.0	37.2	41.2	43.5	44.3	45.6	45.7	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000		35.0	37.2	41.2	43.5	44.3	45.6	45.7	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000		35.3	37.4	41.4	43.7	44.5	45.8	45.9	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000		35.9	38.2	42.2	44.6	45.4	46.7	46.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000		36.2	38.4	42.4	44.8	45.6	46.9	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000		40.9	44.3	49.1	51.7	52.5	54.2	54.4	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000		41.9	45.4	50.8	53.7	54.5	56.2	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 6000		41.9	45.4	50.8	53.7	54.5	56.2	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000		46.1	50.4	56.2	59.2	60.0	61.6	61.8	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500		46.7	51.3	57.1	60.1	61.1	62.7	63.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4000		54.7	60.2	66.5	69.7	71.0	72.7	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500		57.8	63.6	70.6	74.3	75.5	77.3	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000		61.8	68.6	77.2	82.1	83.4	85.3	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500		62.2	69.1	77.8	82.9	84.2	86.2	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000		63.0	70.2	79.2	84.3	85.7	88.0	88.8	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800		63.0	70.2	79.2	84.3	85.7	88.0	88.8	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500		63.0	70.2	79.5	84.8	86.1	88.4	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200		63.7	71.4	81.4	86.8	88.1	90.7	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000		64.5	72.2	83.0	88.4	89.8	92.5	93.4	93.9	94.2	94.2	94.2	94.2	94.5	94.5	94.5
GE 900		64.8	72.5	83.3	88.9	90.2	93.0	93.9	94.3	94.7	94.7	94.7	94.7	95.0	95.0	95.0
GE 800		65.0	72.7	83.6	89.3	90.7	93.4	94.3	94.8	95.1	95.1	95.1	95.1	95.4	95.4	95.4
GE 700		65.1	72.9	83.9	89.8	91.2	94.0	95.0	95.4	95.8	95.8	95.8	95.8	96.2	96.2	96.2
GE 600		65.3	73.1	84.4	90.5	92.2	95.2	96.4	96.9	97.2	97.2	97.4	97.4	97.9	97.9	97.9
GE 500		65.3	73.1	84.5	90.8	92.4	95.4	96.9	97.4	97.8	97.8	98.0	98.0	98.4	98.4	98.4
GE 400		65.3	73.1	84.5	90.9	92.5	95.9	97.6	98.1	98.4	98.4	98.8	98.8	99.2	99.2	99.2
GE 300		65.3	73.1	84.5	90.9	92.5	95.9	97.6	98.1	98.6	98.6	98.9	98.9	99.4	99.4	99.4
GE 200		65.3	73.1	84.5	90.9	92.5	95.9	97.6	98.1	98.6	98.6	98.9	98.9	99.4	99.4	99.4
GE 100		65.3	73.1	84.5	90.9	92.5	95.9	97.6	98.1	98.6	98.6	98.9	98.9	99.4	99.4	99.4
GE 0		65.3	73.1	84.5	90.9	92.5	95.9	97.6	98.1	98.6	98.6	98.9	98.9	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		22.9	24.7	28.1	30.0	30.6	31.7	32.2	32.3	32.5	32.6	32.6	32.6	32.6	32.6	32.7	32.7									
GE 20000		28.2	30.4	34.4	36.7	37.4	38.6	39.1	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.7									
GE 18000		28.4	30.6	34.6	36.9	37.6	38.8	39.3	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.9									
GE 16000		28.5	30.6	34.6	36.9	37.7	38.8	39.3	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9									
GE 14000		28.5	30.6	34.6	36.9	37.7	38.8	39.3	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9									
GE 12000		28.7	30.9	34.9	37.2	38.0	39.1	39.7	39.8	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2									
GE 10000		30.4	32.8	36.9	39.4	40.2	41.4	41.9	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.5									
GE 9000		30.7	33.2	37.3	39.8	40.6	41.8	42.4	42.5	42.7	42.8	42.8	42.8	42.8	42.9	42.9	42.9									
GE 8000		35.3	38.3	43.2	46.0	47.0	48.4	49.0	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8									
GE 7000		36.4	39.5	44.5	47.4	48.4	49.9	50.5	50.7	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3									
GE 6000		36.4	39.5	44.6	47.6	48.5	50.0	50.6	50.8	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5									
GE 5000		40.0	43.4	48.8	51.9	52.8	54.3	55.0	55.2	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8									
GE 4500		41.0	44.5	49.9	53.1	54.1	55.6	56.3	56.5	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2									
GE 4000		47.7	51.7	57.8	61.2	62.3	64.0	64.8	65.0	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7									
GE 3500		52.3	56.5	63.0	66.7	67.8	69.6	70.4	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3									
GE 3000		60.3	65.2	72.7	76.8	78.1	80.1	81.1	81.3	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.1									
GE 2500		61.4	66.5	74.1	78.3	79.6	81.6	82.6	82.9	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6									
GE 2000		63.7	69.1	77.3	81.8	83.2	85.3	86.3	86.6	87.1	87.2	87.2	87.2	87.3	87.3	87.4	87.4									
GE 1800		63.8	69.3	77.4	82.0	83.3	85.5	86.5	86.8	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6									
GE 1500		64.8	70.4	79.0	83.8	85.3	87.5	88.5	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6									
GE 1200		66.2	72.1	81.1	86.1	87.7	90.1	91.3	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4									
GE 1000		66.7	72.6	82.1	87.3	88.8	91.4	92.8	93.1	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.0									
GE 900		66.7	72.7	82.3	87.7	89.2	91.9	93.3	93.7	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5									
GE 800		66.8	72.9	82.7	88.1	89.7	92.5	93.8	94.3	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2									
GE 700		67.0	73.1	83.0	88.7	90.3	93.3	94.6	95.1	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0									
GE 600		67.1	73.3	83.3	89.2	90.9	94.0	95.5	95.9	96.5	96.6	96.6	96.6	96.6	96.8	97.0	97.1									
GE 500		67.2	73.4	83.6	89.5	91.4	94.7	96.4	96.9	97.6	97.8	97.9	98.0	98.0	98.2	98.2	98.2									
GE 400		67.2	73.4	83.7	89.6	91.5	95.0	96.8	97.4	98.1	98.2	98.5	98.6	98.6	98.7	98.8	98.8									
GE 300		67.2	73.4	83.7	89.7	91.6	95.2	97.1	97.8	98.5	98.7	99.0	99.0	99.2	99.3	99.4	99.4									
GE 200		67.2	73.4	83.7	89.7	91.6	95.2	97.1	97.8	98.5	98.7	99.1	99.1	99.4	99.5	99.7	99.7									
GE 100		67.2	73.4	83.7	89.7	91.6	95.2	97.1	97.8	98.6	98.7	99.1	99.2	99.5	99.7	100.0	100.0									
GE CL		67.2	73.4	83.7	89.8	91.6	95.2	97.1	97.8	98.6	98.8	99.1	99.2	99.5	99.7	100.0	100.0									

TOTAL NUMBER OF OBSERVATIONS: 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): 0700-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	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
NO CEIL	1		25.6	31.1	38.4	41.3	42.0	43.5	44.9	45.0	45.2	45.4	45.5	45.6	45.6	45.6	45.6
GE	20000		26.9	32.9	40.3	43.3	43.9	46.0	47.4	47.5	47.8	47.9	48.0	48.1	48.3	48.3	48.3
GE	18000		26.9	33.0	40.5	43.5	44.2	46.2	47.7	47.8	48.1	48.2	48.3	48.4	48.6	48.6	48.6
GE	16000		26.9	33.0	40.5	43.5	44.2	46.2	47.7	47.8	48.1	48.2	48.3	48.4	48.6	48.6	48.6
GE	14000		26.9	33.0	40.5	43.5	44.2	46.2	47.7	47.8	48.1	48.2	48.3	48.4	48.6	48.6	48.6
GE	12000		26.9	33.2	40.9	43.8	44.5	46.6	48.0	48.1	48.4	48.5	48.6	48.7	49.0	49.0	49.0
GE	10000		28.4	34.9	42.7	45.7	46.3	48.4	49.8	49.9	50.5	50.6	50.7	50.9	51.0	51.0	51.0
GE	9000		29.5	36.1	43.9	46.9	47.5	49.6	51.0	51.1	51.7	51.8	51.9	52.0	52.2	52.2	52.2
GE	8000		33.9	40.8	49.5	52.8	53.4	55.6	57.0	57.2	57.7	57.9	58.0	58.1	58.4	58.4	58.4
GE	7000		34.9	42.0	50.8	54.1	54.8	56.9	58.4	58.5	59.0	59.2	59.3	59.5	59.7	59.7	59.7
GE	6000		34.9	42.0	50.8	54.1	54.8	56.9	58.4	58.5	59.0	59.2	59.3	59.5	59.7	59.7	59.7
GE	5000		37.0	44.8	54.0	57.6	58.3	60.4	61.9	62.0	62.5	62.7	62.8	63.0	63.2	63.2	63.2
GE	4500		38.5	46.2	55.4	59.1	59.8	62.0	63.4	63.5	64.0	64.3	64.4	64.5	64.7	64.7	64.7
GE	4000		48.1	56.8	66.4	70.4	71.0	73.4	74.9	75.0	75.5	75.7	75.8	76.0	76.2	76.2	76.2
GE	3500		50.8	59.6	69.9	74.0	74.6	77.3	78.7	78.8	79.3	79.6	79.7	79.8	80.0	80.0	80.0
GE	3000		54.3	63.9	74.9	79.1	79.8	82.5	83.9	84.0	84.6	84.8	84.9	85.0	85.2	85.2	85.2
GE	2500		54.8	64.6	75.8	80.1	80.8	83.5	84.9	85.0	85.6	85.8	85.9	86.0	86.2	86.2	86.2
GE	2000		55.5	65.7	77.2	81.4	82.1	84.8	86.2	86.3	86.9	87.1	87.2	87.3	87.5	87.5	87.5
GE	1800		55.7	65.9	77.4	81.6	82.3	85.2	86.7	86.8	87.3	87.5	87.7	87.8	88.0	88.0	88.0
GE	1500		56.9	67.2	79.0	83.3	83.9	87.0	88.4	88.5	89.1	89.3	89.4	89.5	89.7	89.7	89.7
GE	1200		57.9	68.3	80.4	84.8	85.5	88.5	89.9	90.1	90.6	90.8	90.9	91.0	91.3	91.3	91.3
GE	1000		58.4	69.0	81.5	86.0	86.7	89.8	91.3	91.6	92.2	92.5	92.6	92.7	92.9	92.9	92.9
GE	900		58.4	69.0	81.7	86.3	87.0	90.4	91.9	92.2	92.9	93.1	93.2	93.3	93.6	93.6	93.6
GE	800		58.6	69.2	82.1	87.0	87.7	91.0	92.8	93.1	93.8	94.0	94.1	94.2	94.4	94.4	94.4
GE	700		58.6	69.2	82.7	88.0	89.0	92.5	94.2	94.5	95.2	95.4	95.5	95.6	95.8	95.8	95.8
GE	600		58.8	69.4	83.0	89.2	90.2	93.7	95.4	95.7	96.4	96.6	96.7	96.8	97.0	97.0	97.0
GE	500		58.8	69.4	83.1	89.4	90.4	94.0	95.7	96.1	96.7	96.9	97.0	97.2	97.4	97.4	97.4
GE	400		58.8	69.4	83.1	89.5	90.5	94.1	96.2	96.5	97.2	97.5	97.6	97.7	97.9	97.9	97.9
GE	300		58.8	69.4	83.1	89.5	90.6	94.2	96.4	96.9	97.7	98.0	98.1	98.3	98.5	98.5	98.5
GE	200		58.8	69.4	83.1	89.5	90.6	94.2	96.4	96.9	97.7	98.0	98.1	98.4	98.8	98.8	99.0
GE	100		58.8	69.4	83.1	89.5	90.6	94.2	96.4	96.9	97.7	98.0	98.1	98.4	98.9	99.0	100.0
GE	0		58.8	69.4	83.1	89.5	90.6	94.2	96.4	96.9	97.7	98.0	98.1	98.4	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		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		16.8	21.6	26.4	29.6	30.5	33.3	34.5	35.6	36.5	36.7	37.0	37.2	37.5	37.6	38.1	
GE 20000		17.6	22.7	28.1	31.6	32.7	36.2	37.8	39.0	40.1	40.3	40.7	40.8	41.1	41.2	41.9	
GE 18000		17.6	22.7	28.1	31.6	32.7	36.2	37.8	39.1	40.2	40.4	40.8	40.9	41.2	41.3	42.0	
GE 16000		17.6	22.7	28.1	31.6	32.7	36.2	37.8	39.1	40.2	40.4	40.8	40.9	41.2	41.3	42.0	
GE 14000		17.6	22.7	28.1	31.6	32.7	36.2	37.8	39.1	40.2	40.4	40.8	40.9	41.2	41.3	42.0	
GE 12000		17.7	22.8	28.2	31.7	32.8	36.3	38.1	39.5	40.5	40.8	41.1	41.2	41.5	41.6	42.3	
GE 10000		18.6	24.0	29.6	33.1	34.2	37.8	39.7	41.0	42.1	42.3	42.6	42.7	43.2	43.3	44.0	
GE 9000		19.0	24.5	30.2	33.9	35.0	38.7	40.5	41.9	43.0	43.2	43.5	43.7	44.2	44.3	45.1	
GE 8000		22.1	28.6	35.1	39.9	41.0	45.1	47.1	48.4	49.5	49.7	50.1	50.3	50.7	50.9	51.8	
GE 7000		22.6	29.2	35.6	40.5	41.6	45.8	47.8	49.1	50.2	50.4	50.7	50.9	51.4	51.6	52.5	
GE 6000		22.6	29.2	35.6	40.5	41.6	45.8	47.8	49.1	50.2	50.4	50.7	50.9	51.4	51.6	52.5	
GE 5000		26.7	33.4	40.5	45.8	47.0	51.1	53.2	54.5	55.6	55.8	56.2	56.4	56.8	57.0	57.9	
GE 4500		28.0	34.9	42.0	47.2	48.4	52.6	54.6	56.0	57.2	57.4	57.7	57.9	58.4	58.6	59.5	
GE 4000		36.9	44.6	52.1	58.0	59.2	64.0	66.1	67.4	68.6	68.9	69.2	69.4	69.8	70.1	70.9	
GE 3500		38.7	46.6	54.5	60.7	62.0	66.9	69.1	70.4	71.6	71.8	72.1	72.3	72.8	73.0	73.9	
GE 3000		42.8	51.3	59.9	66.2	67.7	72.8	75.2	76.7	77.9	78.1	78.5	78.7	79.1	79.3	80.2	
GE 2500		43.5	51.9	60.7	67.1	68.5	73.7	76.3	77.8	79.0	79.2	79.6	79.8	80.2	80.4	81.3	
GE 2000		44.5	53.2	62.5	69.0	70.6	75.8	78.5	80.0	81.3	81.5	81.9	82.1	82.5	82.7	83.6	
GE 1800		44.6	53.3	62.7	69.2	70.8	76.1	78.7	80.2	81.5	81.7	82.1	82.3	82.7	83.0	83.8	
GE 1500		45.6	54.4	64.3	71.4	73.0	78.3	80.9	82.4	83.7	83.9	84.3	84.5	84.9	85.1	86.0	
GE 1200		46.9	55.7	66.0	73.6	75.3	80.7	83.5	85.0	86.3	86.6	86.9	87.1	87.5	87.8	88.6	
GE 1000		47.7	56.7	67.3	74.9	76.7	82.4	85.4	86.9	88.2	88.4	88.7	89.0	89.4	89.6	90.5	
GE 900		47.7	56.7	67.4	75.1	76.9	83.0	86.2	87.8	89.1	89.3	89.6	89.8	90.3	90.5	91.4	
GE 800		47.7	56.7	67.5	75.2	77.2	83.3	86.6	88.1	89.4	89.6	89.9	90.2	90.6	90.8	91.7	
GE 700		47.7	56.8	68.7	76.5	78.5	84.6	88.0	89.5	90.8	91.0	91.4	91.6	92.0	92.2	93.1	
GE 600		47.7	56.8	68.7	77.2	79.1	85.5	88.9	90.4	91.8	92.0	92.3	92.6	93.0	93.2	94.1	
GE 500		47.7	56.8	69.0	77.7	79.9	86.4	90.2	91.8	93.4	93.7	94.0	94.2	94.6	94.9	95.7	
GE 400		47.7	56.8	69.2	78.0	80.3	86.9	91.4	93.0	94.9	95.1	95.4	95.6	96.1	96.3	97.2	
GE 300		47.7	56.8	69.2	78.0	80.3	86.9	91.4	93.0	95.0	95.4	95.7	96.0	96.6	96.9	97.8	
GE 200		47.7	56.8	69.2	78.0	80.3	86.9	91.4	93.1	95.1	95.5	96.0	96.3	97.2	97.5	98.9	
GE 100		47.7	56.8	69.2	78.0	80.3	86.9	91.4	93.1	95.1	95.5	96.0	96.3	97.5	97.8	100.0	
GE 0		47.7	56.8	69.2	78.0	80.3	86.9	91.4	93.1	95.1	95.5	96.0	96.3	97.5	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	I	18.5	23.1	27.0	30.0	30.6	32.2	33.2	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9
GE 20000	I	20.8	26.0	30.9	34.6	35.6	37.6	38.7	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 18000	I	20.9	26.3	31.1	34.8	35.8	37.9	38.9	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
GE 16000	I	20.9	26.3	31.1	34.8	35.8	37.9	38.9	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
GE 14000	I	20.9	26.3	31.1	34.8	35.8	37.9	38.9	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
GE 12000	I	21.0	26.7	31.6	35.3	36.3	38.5	39.7	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
GE 10000	I	23.0	28.8	33.9	37.9	38.8	41.7	42.2	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
GE 9000	I	24.0	29.9	35.0	38.9	39.9	42.1	43.3	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.6
GE 8000	I	28.1	34.4	40.7	45.2	46.3	48.8	50.1	50.4	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.4
GE 7000	I	29.1	35.3	41.7	46.3	47.4	49.9	51.2	51.5	52.2	52.2	52.2	52.2	52.3	52.5	52.5	52.6
GE 6000	I	29.0	35.3	41.7	46.3	47.4	49.9	51.2	51.5	52.2	52.2	52.2	52.2	52.3	52.5	52.5	52.6
GE 5000	I	32.1	38.7	45.4	50.3	51.4	54.0	55.5	55.8	56.6	56.6	56.6	56.6	56.7	56.9	56.9	57.0
GE 4500	I	33.6	40.3	46.9	52.0	53.2	55.8	57.4	57.8	58.5	58.5	58.5	58.5	58.6	58.9	58.9	59.0
GE 4000	I	39.3	46.5	53.8	59.2	60.6	63.2	64.9	65.2	66.2	66.2	66.2	66.2	66.3	66.5	66.5	66.6
GE 3500	I	41.2	49.0	57.1	62.8	64.2	67.0	68.7	69.0	70.0	70.0	70.0	70.0	70.1	70.4	70.4	70.5
GE 3000	I	46.1	54.3	63.1	69.7	71.4	74.3	76.1	76.7	77.7	77.7	77.7	77.7	77.8	78.0	78.0	78.1
GE 2500	I	46.4	54.9	63.8	70.4	72.1	74.9	76.8	77.4	78.6	78.6	78.6	78.6	78.7	78.9	78.9	79.0
GE 2000	I	47.8	56.7	65.9	72.6	74.4	77.4	79.2	79.8	81.0	81.0	81.0	81.0	81.1	81.3	81.3	81.4
GE 1800	I	48.0	57.0	66.2	73.1	74.8	77.9	79.8	80.3	81.5	81.5	81.5	81.5	81.6	81.8	81.8	81.9
GE 1600	I	50.0	59.5	68.9	76.0	77.9	81.1	82.9	83.5	84.7	84.7	84.7	84.7	84.8	85.0	85.0	85.1
GE 1200	I	51.3	61.3	71.0	78.4	80.4	83.7	85.6	86.1	87.3	87.3	87.3	87.3	87.4	87.6	87.6	87.7
GE 1000	I	51.8	62.0	72.5	80.7	82.8	86.4	88.4	88.9	90.2	90.2	90.2	90.2	90.3	90.5	90.5	90.6
GE 900	I	51.8	62.1	72.8	81.1	83.3	86.9	88.9	89.5	90.7	90.7	90.7	90.7	90.8	91.0	91.0	91.1
GE 800	I	52.0	62.5	73.6	82.4	84.6	88.2	90.5	91.0	92.3	92.3	92.3	92.3	92.6	92.8	92.8	92.9
GE 700	I	52.1	62.6	74.2	83.7	85.9	89.6	92.1	92.7	94.0	94.0	94.0	94.1	94.2	94.4	94.4	94.5
GE 600	I	52.2	62.8	74.6	84.5	86.7	90.5	93.0	93.5	94.9	94.9	94.9	95.0	95.1	95.3	95.3	95.4
GE 500	I	52.2	62.9	74.8	84.8	87.1	91.5	94.4	95.0	96.3	96.4	96.5	96.7	96.9	96.9	96.9	97.0
GE 400	I	52.2	62.9	74.8	84.8	87.2	91.6	94.7	95.3	96.9	97.3	97.4	97.6	97.8	97.8	97.8	97.9
GE 300	I	52.2	62.9	74.8	84.9	87.3	91.7	94.9	95.4	97.2	97.7	97.8	98.0	98.6	98.7	98.7	99.0
GE 200	I	52.2	62.9	74.8	84.9	87.3	91.7	94.9	95.4	97.3	97.8	97.9	98.1	98.8	99.0	99.0	99.7
GE 100	I	52.2	62.9	74.8	84.9	87.3	91.7	94.9	95.4	97.3	97.8	97.9	98.1	98.9	99.1	99.1	100.0
GE 0	I	52.2	62.9	74.8	84.9	87.3	91.7	94.9	95.4	97.3	97.8	97.9	98.1	98.9	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 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
NO CEIL		20.9	23.4	26.6	28.3	28.4	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 2000		24.9	27.9	32.6	35.2	35.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 1800		24.9	28.0	32.7	35.3	35.5	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 1600		24.9	28.0	32.7	35.3	35.5	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 1400		24.9	28.0	32.7	35.3	35.5	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 1200		25.1	28.2	32.9	35.5	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 1000		27.9	31.3	36.3	38.9	39.1	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 900		28.2	31.6	36.6	39.3	39.5	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 800		33.0	37.1	42.4	45.2	45.4	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 700		34.1	38.2	43.8	46.5	46.7	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 600		34.2	38.3	43.9	46.6	46.8	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 500		36.5	40.8	47.3	50.3	50.7	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 450		37.9	42.3	49.0	52.1	52.4	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 400		46.6	51.3	58.8	62.1	62.4	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 350		50.5	55.6	63.6	66.4	66.8	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 300		60.4	66.1	74.2	77.9	78.3	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 250		61.6	67.4	75.8	79.4	79.6	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 200		66.0	72.3	80.9	84.8	85.3	86.5	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 180		66.4	72.7	81.4	85.3	85.9	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 150		68.3	74.8	83.9	87.9	88.5	89.7	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 120		69.1	75.9	85.4	89.9	90.5	91.8	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 100		69.1	76.1	86.8	91.9	92.5	94.0	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0
GE 90		69.3	76.3	87.3	92.3	93.1	94.8	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 80		69.5	76.5	87.7	93.1	93.9	95.9	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 70		69.5	76.5	87.7	93.3	94.1	96.4	96.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
GE 60		69.5	76.5	87.8	93.6	94.5	96.9	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 50		69.5	76.5	87.8	93.8	94.7	97.3	97.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7
GE 40		69.5	76.5	87.8	93.8	94.7	97.4	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE 30		69.5	76.5	87.8	93.8	94.7	97.4	98.7	99.0	99.7	99.8	99.8	99.9	99.9	99.9
GE 20		69.5	76.5	87.8	93.8	94.7	97.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0
GE 10		69.5	76.5	87.8	93.8	94.7	97.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0
GE 0		69.5	76.5	87.8	93.8	94.7	97.4	98.7	99.0	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1230-1400

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
NO CEIL	23.4	24.3	27.1	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 20000	28.7	37.6	34.5	36.2	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	28.8	30.7	34.6	36.3	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	28.8	30.7	34.6	36.3	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 14000	28.8	30.7	34.6	36.3	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	29.1	31.0	35.0	36.6	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 10000	30.6	32.8	37.1	38.9	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 9000	30.9	33.1	37.6	39.5	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 8000	34.8	37.2	41.7	43.5	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	35.7	38.3	42.8	44.6	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 6000	35.7	38.3	42.8	44.6	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 5000	38.7	41.2	45.9	47.8	48.0	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 4500	41.2	44.1	48.8	50.7	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 4000	52.1	54.9	59.9	61.8	62.1	62.6	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9
GE 3500	56.6	59.6	65.1	67.2	67.4	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 3000	69.8	73.8	80.0	82.5	82.7	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	71.5	75.7	82.1	84.5	84.8	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	75.8	80.3	87.6	90.2	90.5	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	75.8	80.3	87.7	90.4	90.6	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	77.3	82.0	89.9	93.2	93.4	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	77.9	83.1	91.4	95.2	95.5	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	78.1	83.7	92.1	95.9	96.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	78.1	83.7	92.2	96.1	96.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	78.2	83.8	92.5	96.6	96.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	78.2	83.8	92.9	97.5	97.8	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	78.2	83.8	93.0	97.7	98.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	78.2	83.8	93.0	97.8	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1507-1700

CEILING IN FEET	GT 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		23.5	26.2	28.7	29.7	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 20000		30.4	34.5	37.5	39.6	39.2	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 18000		30.8	35.0	37.9	39.5	39.7	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 16000		30.8	35.0	37.9	39.5	39.7	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 14000		30.9	35.1	38.0	39.6	39.8	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000		31.6	36.1	39.0	40.5	40.6	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 10000		34.6	39.2	42.4	44.3	44.5	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000		35.8	40.4	43.6	45.5	45.7	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 8000		41.1	45.8	49.4	51.3	51.5	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 7000		42.1	46.8	50.6	52.5	52.7	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 6000		42.1	46.8	50.6	52.5	52.7	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 5000		44.8	49.5	53.3	55.2	55.4	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 4500		46.7	51.4	55.2	57.0	57.3	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4000		56.9	62.6	66.8	68.7	69.0	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3500		61.9	67.9	72.3	74.4	74.6	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3000		71.4	78.7	83.7	86.2	86.6	88.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500		72.1	79.6	84.7	87.2	87.6	89.0	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000		75.2	82.6	88.3	90.9	91.5	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800		75.2	82.6	88.3	91.0	91.6	92.9	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500		77.0	84.6	90.7	93.7	94.3	95.8	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200		77.6	85.1	91.6	94.6	95.3	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000		78.0	85.7	92.7	95.8	96.5	98.0	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900		78.0	85.7	92.8	96.0	96.6	98.1	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 800		78.0	85.7	93.0	96.2	96.8	98.5	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 700		78.0	85.7	93.1	96.3	96.9	98.6	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 600		78.0	85.7	93.3	96.6	97.3	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 400		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 300		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 0		78.0	85.7	93.3	96.6	97.4	99.0	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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		26.3	30.8	34.5	35.3	35.6	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 20000		34.3	39.8	44.4	45.6	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000		34.7	40.2	44.8	46.0	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000		34.7	40.2	44.8	46.0	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000		34.7	40.2	44.8	46.0	46.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 12000		35.7	41.3	45.9	47.1	47.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000		39.3	45.3	50.6	51.8	52.4	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000		40.3	46.4	51.7	52.9	53.5	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000		46.0	52.9	59.8	61.0	61.6	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000		47.4	54.3	61.3	62.5	63.1	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000		47.4	54.3	61.3	62.5	63.1	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000		50.8	57.9	65.4	67.0	67.6	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500		52.4	59.7	67.1	68.8	69.3	70.4	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000		60.0	68.1	76.3	78.1	78.6	79.8	80.4	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500		62.4	71.0	79.6	81.4	82.1	83.5	84.0	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000		66.9	75.6	85.7	87.7	88.6	90.0	90.6	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500		67.7	76.3	86.4	88.5	89.4	90.9	91.5	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000		68.8	77.4	87.5	89.7	90.6	92.1	92.7	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800		68.9	77.5	87.6	89.8	90.7	92.2	92.8	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500		69.8	78.5	88.8	91.1	92.0	93.5	94.4	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200		70.2	79.0	89.4	92.0	92.9	94.4	95.3	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000		70.4	79.2	89.7	92.7	93.6	95.2	96.1	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900		70.4	79.2	89.7	92.7	93.6	95.2	96.1	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800		70.5	79.3	90.0	93.0	94.0	95.5	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700		70.5	79.3	90.4	93.3	94.3	96.2	97.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600		70.8	79.6	90.9	94.1	95.1	96.9	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9
GE 400		70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9
GE 300		70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9
GE 200		70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9
GE 100		70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0
GE	C	70.9	79.8	91.5	94.6	95.6	97.7	98.6	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	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
NO CEIL		28.6	32.2	38.3	40.3	40.6	41.7	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000		31.5	35.6	42.8	45.2	45.7	47.3	48.4	48.5	48.7	48.7	48.7	48.7	48.8	48.8	48.8
GE 18000		32.0	36.0	43.3	45.7	46.1	47.8	48.8	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3
GE 16000		32.0	36.0	43.3	45.7	46.1	47.8	48.8	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3
GE 14000		32.0	36.0	43.3	45.7	46.1	47.8	48.8	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3
GE 12000		32.2	36.3	43.5	45.9	46.3	48.0	49.1	49.2	49.4	49.4	49.4	49.4	49.5	49.5	49.5
GE 10000		34.6	39.2	46.7	49.1	49.5	51.3	52.5	52.6	52.8	52.8	52.8	52.8	52.9	52.9	52.9
GE 9500		35.7	40.3	47.8	50.2	50.6	52.4	53.7	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.1
GE 8000		40.9	45.9	54.8	57.4	57.9	59.8	61.1	61.2	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 7000		42.2	47.5	56.5	59.1	59.7	61.6	62.9	63.0	63.4	63.4	63.4	63.4	63.5	63.5	63.5
GE 6000		42.2	47.5	56.5	59.1	59.7	61.6	62.9	63.0	63.4	63.4	63.4	63.4	63.5	63.5	63.5
GE 5000		45.7	51.2	60.6	63.5	64.1	65.9	67.3	67.4	67.9	67.9	67.9	67.9	68.0	68.0	68.0
GE 4500		47.0	52.8	62.3	65.3	65.8	67.7	69.0	69.1	69.7	69.7	69.7	69.7	69.8	69.8	69.8
GE 4000		55.1	61.6	71.4	74.6	75.1	77.0	78.3	78.5	79.2	79.3	79.3	79.3	79.4	79.4	79.4
GE 3500		57.2	63.9	74.4	77.3	78.0	80.0	81.3	81.5	82.1	82.3	82.3	82.3	82.4	82.4	82.4
GE 3000		61.0	69.1	80.2	83.9	84.6	86.6	88.0	88.2	88.8	89.2	89.2	89.2	89.3	89.3	89.3
GE 2500		62.1	70.2	81.5	85.3	86.0	88.3	89.6	89.8	90.5	90.8	90.8	90.8	90.9	90.9	90.9
GE 2000		63.0	71.2	82.8	86.6	87.3	89.8	91.1	91.3	92.0	92.3	92.3	92.3	92.4	92.4	92.4
GE 1800		63.2	71.4	83.0	86.9	87.5	90.0	91.3	91.6	92.2	92.6	92.6	92.6	92.7	92.7	92.7
GE 1500		63.6	72.3	84.0	87.8	88.5	91.0	92.4	92.7	93.3	93.6	93.6	93.6	93.8	93.8	93.8
GE 1200		64.3	72.9	85.0	88.8	89.5	92.0	94.0	94.3	95.0	95.3	95.3	95.3	95.4	95.4	95.4
GE 1000		64.4	73.1	85.2	89.2	90.3	92.8	94.7	95.1	95.7	96.1	96.1	96.1	96.2	96.2	96.2
GE 900		64.4	73.1	85.2	89.2	90.3	92.8	94.7	95.1	95.7	96.1	96.1	96.1	96.2	96.2	96.2
GE 800		64.4	73.1	85.2	89.2	90.3	92.8	94.7	95.1	95.7	96.1	96.1	96.1	96.2	96.2	96.2
GE 700		64.4	73.2	85.7	89.6	90.7	93.4	95.4	95.7	96.4	96.7	96.7	96.7	96.8	96.8	96.8
GE 600		64.5	73.4	86.2	90.8	92.1	94.9	96.9	97.3	97.9	98.2	98.2	98.2	98.4	98.4	98.4
GE 500		64.7	73.6	86.6	91.2	92.6	95.4	97.5	97.9	98.6	98.9	98.9	98.9	99.0	99.0	99.0
GE 400		64.7	73.6	86.6	91.2	92.6	95.5	97.9	98.4	99.0	99.3	99.3	99.3	99.5	99.5	99.5
GE 300		64.7	73.6	86.6	91.2	92.6	95.5	98.0	98.5	99.1	99.5	99.5	99.5	99.6	99.6	99.6
GE 200		64.7	73.6	86.6	91.2	92.6	95.5	98.0	98.5	99.1	99.5	99.5	99.5	99.6	99.7	99.7
GE 100		64.7	73.6	86.6	91.2	92.6	95.5	98.0	98.5	99.1	99.5	99.5	99.5	99.6	99.7	100.0
GE 0		64.7	73.6	86.6	91.2	92.6	95.5	98.0	98.5	99.1	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		22.9	26.6	30.9	32.8	33.2	34.3	34.9	35.1	35.3	35.4	35.4	35.4	35.5	35.5	35.6
GE 20000		26.9	31.2	36.4	38.8	39.4	40.8	41.5	41.7	42.0	42.0	42.1	42.1	42.2	42.2	42.3
GE 18000		27.1	31.5	36.6	39.1	39.6	41.0	41.7	41.9	42.2	42.3	42.3	42.4	42.5	42.5	42.6
GE 16000		27.1	31.5	36.6	39.1	39.6	41.0	41.7	41.9	42.2	42.3	42.3	42.4	42.5	42.5	42.6
GE 14000		27.1	31.5	36.6	39.1	39.6	41.1	41.7	42.0	42.3	42.3	42.4	42.4	42.5	42.5	42.6
GE 12000		27.4	31.9	37.1	39.6	40.1	41.6	42.3	42.5	42.8	42.8	42.9	42.9	43.0	43.0	43.1
GE 10000		29.6	34.4	39.9	42.5	43.0	44.5	45.2	45.5	45.8	45.8	45.9	45.9	46.0	46.0	46.1
GE 9000		30.4	35.3	40.8	43.4	43.9	45.5	46.2	46.4	46.8	46.8	46.9	46.9	47.0	47.1	47.2
GE 8000		35.0	40.3	46.7	49.5	50.1	51.8	52.6	52.9	53.2	53.3	53.3	53.4	53.5	53.5	53.6
GE 7000		36.0	41.4	47.9	50.8	51.3	53.0	53.9	54.1	54.5	54.5	54.6	54.6	54.8	54.8	54.9
GE 6000		36.0	41.5	47.9	50.8	51.4	53.1	53.9	54.1	54.5	54.5	54.6	54.6	54.8	54.8	54.9
GE 5000		39.0	44.7	51.6	54.7	55.3	57.1	57.9	58.2	58.5	58.6	58.7	58.7	58.8	58.9	59.0
GE 4500		40.6	46.4	53.3	56.5	57.1	58.9	59.8	60.0	60.4	60.5	60.5	60.6	60.7	60.7	60.9
GE 4000		49.4	55.8	63.2	66.6	67.3	69.2	70.1	70.4	70.9	71.0	71.0	71.1	71.2	71.2	71.4
GE 3500		52.4	59.1	67.0	70.5	71.2	73.3	74.2	74.5	75.0	75.1	75.1	75.2	75.3	75.3	75.5
GE 3000		59.1	66.6	75.2	79.1	80.0	82.2	83.2	83.5	84.0	84.2	84.2	84.3	84.4	84.4	84.6
GE 2500		60.0	67.6	76.3	80.3	81.1	83.4	84.4	84.8	85.3	85.4	85.5	85.6	85.7	85.7	85.8
GE 2000		62.1	69.9	79.1	83.2	84.0	86.3	87.4	87.7	88.3	88.4	88.5	88.5	88.7	88.7	88.8
GE 1800		62.2	70.1	79.3	83.4	84.3	86.6	87.7	88.0	88.6	88.7	88.8	88.8	89.0	89.0	89.1
GE 1500		63.6	71.7	81.2	85.6	86.4	88.8	90.0	90.3	90.9	91.0	91.1	91.1	91.3	91.3	91.4
GE 1200		64.4	72.7	82.5	87.2	88.1	90.6	91.8	92.2	92.7	92.9	92.9	93.0	93.1	93.1	93.3
GE 1000		64.7	73.2	83.5	88.4	89.4	92.0	93.2	93.7	94.3	94.4	94.5	94.5	94.6	94.7	94.8
GE 900		64.7	73.2	83.6	88.6	89.6	92.3	93.6	94.0	94.7	94.8	94.9	94.9	95.0	95.1	95.2
GE 800		64.9	73.3	84.0	89.1	90.1	92.9	94.3	94.7	95.3	95.3	95.5	95.5	95.6	95.7	95.9
GE 700		64.9	73.4	84.4	89.8	90.9	93.8	95.2	95.6	96.3	96.4	96.5	96.5	96.6	96.7	96.8
GE 600		64.9	73.5	84.7	90.5	91.6	94.6	96.0	96.4	97.1	97.2	97.3	97.4	97.5	97.5	97.6
GE 500		65.0	73.6	84.9	90.7	92.0	95.1	96.6	97.1	97.8	97.9	98.0	98.1	98.3	98.3	98.4
GE 400		65.0	73.6	84.9	90.8	92.0	95.2	97.0	97.5	98.3	98.5	98.5	98.7	98.8	98.8	98.9
GE 300		65.0	73.6	84.9	90.8	92.1	95.2	97.1	97.6	98.4	98.7	98.8	98.9	99.1	99.2	99.3
GE 200		65.0	73.6	84.9	90.8	92.1	95.2	97.1	97.6	98.4	98.7	98.8	98.9	99.3	99.3	99.6
GE 100		65.0	73.6	84.9	90.8	92.1	95.2	97.1	97.6	98.4	98.7	98.8	98.9	99.3	99.4	100.0
GE 0		65.0	73.6	84.9	90.8	92.1	95.2	97.1	97.6	98.5	98.7	98.8	99.0	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(IST): 0000-0000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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 C
NO CEIL I		33.3	35.0	40.3	43.1	44.1	46.8	48.7	48.8	49.4	49.4	49.6	49.9	50.3	50.3	50.5
GE 20000		34.9	36.7	43.1	46.9	48.0	50.8	53.1	53.2	53.8	53.8	54.0	54.4	54.8	54.9	55.1
GE 18000		34.9	36.7	43.1	46.9	48.0	50.8	53.1	53.2	53.8	53.8	54.0	54.4	54.8	54.9	55.1
GE 16000		34.9	36.7	43.1	46.9	48.0	50.8	53.1	53.2	53.8	53.8	54.0	54.4	54.8	54.9	55.1
GE 14000		34.9	36.7	43.1	46.9	48.0	50.8	53.1	53.2	53.8	53.8	54.0	54.4	54.8	54.9	55.1
GE 12000		34.9	36.8	43.3	47.1	48.2	51.0	53.3	53.4	54.0	54.0	54.3	54.6	55.0	55.1	55.3
GE 10000		36.5	38.5	45.6	49.6	50.7	53.8	56.2	56.3	57.1	57.1	57.5	57.8	58.2	58.3	58.6
GE 9000		36.5	38.5	46.0	49.9	51.0	54.1	56.6	56.7	57.5	57.5	57.9	58.2	58.7	58.8	59.0
GE 8000		40.4	42.9	51.5	55.4	56.6	60.0	62.4	62.5	63.3	63.3	63.7	64.0	64.5	64.6	64.8
GE 7000		40.4	43.1	51.6	55.5	56.7	60.1	62.6	62.8	63.5	63.5	63.9	64.3	64.7	64.8	65.0
GE 6000		40.6	43.3	51.8	55.8	56.9	60.3	62.9	63.0	63.7	63.7	64.2	64.5	64.9	65.0	65.2
GE 5000		42.5	45.3	53.9	58.1	59.3	62.6	65.2	65.3	66.1	66.1	66.5	66.8	67.3	67.4	67.6
GE 4500		43.2	46.0	54.6	59.1	60.3	63.6	66.2	66.3	67.1	67.1	67.5	67.8	68.2	68.4	68.6
GE 4000		50.4	53.5	62.4	67.3	68.8	72.4	75.1	75.2	76.0	76.0	76.4	76.7	77.2	77.3	77.5
GE 3500		53.0	56.3	65.4	70.6	72.1	76.0	78.8	78.9	79.7	79.7	80.1	80.4	80.8	80.9	81.2
GE 3000		56.9	60.6	70.5	75.8	77.5	81.9	84.8	84.9	85.7	85.7	86.1	86.4	86.9	87.0	87.2
GE 2500		57.1	60.7	70.6	75.9	77.6	82.0	84.9	85.0	85.8	85.8	86.2	86.5	87.0	87.1	87.3
GE 2000		58.6	62.4	72.9	78.5	80.2	84.7	87.6	87.7	88.5	88.5	88.9	89.2	89.7	89.8	90.0
GE 1800		58.6	62.6	73.1	78.7	80.4	84.9	87.8	87.9	88.7	88.7	89.1	89.5	89.9	90.0	90.2
GE 1500		59.4	63.5	74.4	80.2	81.9	86.4	89.3	89.5	90.2	90.2	90.6	91.0	91.4	91.5	91.7
GE 1200		59.6	63.8	75.1	81.2	82.9	87.4	90.3	90.6	91.4	91.4	91.8	92.1	92.6	92.7	92.9
GE 1000		59.7	64.2	75.5	81.7	83.4	87.9	91.0	91.3	92.0	92.0	92.5	92.8	93.2	93.3	93.5
GE 900		59.7	64.4	75.7	82.0	83.7	88.6	91.6	92.0	92.8	92.8	93.2	93.5	94.0	94.1	94.3
GE 800		59.7	64.4	75.8	82.1	83.9	88.9	91.9	92.4	93.1	93.1	93.5	93.9	94.3	94.4	94.6
GE 700		60.0	64.6	77.0	83.4	85.1	90.3	93.4	93.9	94.6	94.6	95.0	95.4	95.8	95.9	96.1
GE 600		60.0	64.6	77.1	83.6	85.4	90.7	94.0	94.5	95.3	95.3	95.7	96.0	96.4	96.6	96.8
GE 500		60.0	64.6	77.5	84.2	85.9	91.6	94.8	95.4	96.1	96.1	96.6	96.9	97.3	97.4	97.7
GE 400		60.0	64.6	77.5	84.7	86.4	92.1	95.5	96.0	96.8	96.8	97.3	97.6	98.1	98.2	98.5
GE 300		60.0	64.6	77.5	84.7	86.4	92.2	95.6	96.1	96.9	97.0	97.5	97.8	98.3	98.4	98.7
GE 200		60.0	64.6	77.5	84.7	86.4	92.2	95.6	96.1	96.9	97.0	97.5	97.8	98.5	98.7	99.4
GE 100		60.0	64.6	77.5	84.7	86.4	92.2	95.6	96.1	96.9	97.0	97.6	98.0	98.7	98.9	100.0
GE G		60.0	64.6	77.5	84.7	86.4	92.2	95.6	96.1	96.9	97.0	97.6	98.0	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	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
NO CEIL		25.9	28.2	32.8	35.9	36.3	39.2	41.6	42.5	43.0	43.2	43.5	43.8	44.0	44.5	44.7
GE 20000		27.4	29.8	35.2	38.6	39.1	42.2	44.6	45.5	46.7	46.9	47.3	47.5	47.8	48.5	48.7
GE 18000		27.4	29.8	35.2	38.6	39.1	42.2	44.6	45.5	46.7	46.9	47.3	47.5	47.8	48.5	48.7
GE 16000		27.5	29.9	35.3	38.7	39.2	42.3	44.7	45.6	46.8	47.0	47.4	47.6	48.0	48.6	48.8
GE 14000		27.5	29.9	35.3	38.7	39.2	42.3	44.7	45.6	46.8	47.0	47.4	47.6	48.0	48.7	48.9
GE 12000		27.5	29.9	35.3	38.7	39.2	42.3	44.7	45.6	46.8	47.0	47.4	47.6	48.0	48.7	48.9
GE 10000		28.6	31.1	37.0	40.9	41.7	45.4	47.8	48.9	50.3	50.5	51.1	51.4	51.8	52.6	52.8
GE 9000		28.7	31.2	37.2	41.1	41.9	45.7	48.2	49.4	50.8	51.0	51.5	51.8	52.3	53.0	53.2
GE 8000		30.9	33.7	40.1	44.2	45.2	49.1	51.7	52.9	54.3	54.5	55.1	55.4	55.8	56.6	56.8
GE 7000		31.2	34.0	40.5	44.8	45.8	49.8	52.4	53.5	54.9	55.2	55.7	56.0	56.5	57.2	57.4
GE 6000		31.2	34.0	40.5	44.8	45.8	49.8	52.4	53.5	54.9	55.2	55.7	56.0	56.5	57.2	57.4
GE 5000		34.5	37.4	44.2	48.8	49.9	54.1	56.8	58.1	59.5	59.7	60.2	60.5	61.0	61.7	61.9
GE 4500		35.2	38.3	45.2	49.9	51.0	55.2	57.8	59.1	60.6	60.9	61.4	61.7	62.2	62.9	63.1
GE 4000		42.0	45.9	53.1	58.2	59.2	63.9	66.8	68.1	69.6	69.8	70.3	70.6	71.1	71.8	72.0
GE 3500		43.3	47.6	54.8	60.2	61.3	66.2	69.2	70.5	72.2	72.4	72.9	73.2	73.7	74.4	74.6
GE 3000		47.8	52.8	61.4	67.3	68.6	73.9	77.1	78.4	80.0	80.2	80.8	81.1	81.5	82.3	82.5
GE 2500		48.2	53.1	61.8	67.8	69.1	74.4	77.6	78.9	80.5	80.8	81.3	81.6	82.0	82.8	83.0
GE 2000		50.3	55.4	64.7	70.9	72.3	77.6	80.9	82.2	83.6	84.0	84.5	84.8	85.3	86.1	86.3
GE 1800		50.5	55.6	65.1	71.2	72.6	77.9	81.2	82.5	84.1	84.3	84.8	85.2	85.6	86.5	86.7
GE 1500		51.3	56.3	66.2	72.4	73.6	79.2	82.5	83.8	85.4	85.6	86.1	86.5	86.9	87.7	88.0
GE 1200		51.6	57.0	67.3	74.0	75.4	81.0	84.3	85.6	87.3	87.5	88.1	88.4	88.8	89.7	89.9
GE 1000		51.8	57.2	67.7	74.4	75.8	81.7	85.1	86.7	88.4	88.6	89.1	89.5	89.9	90.8	91.0
GE 900		51.9	57.3	68.1	75.1	76.6	82.5	85.8	87.4	89.1	89.4	89.9	90.2	90.6	91.5	91.7
GE 800		52.0	57.4	68.3	75.7	77.3	83.3	86.7	88.3	90.1	90.3	90.9	91.2	91.6	92.5	92.7
GE 700		52.0	57.4	68.7	76.6	78.2	84.3	87.8	89.7	91.5	91.7	92.4	92.7	93.1	94.0	94.2
GE 600		52.2	57.5	68.9	76.9	78.6	84.8	88.4	90.3	92.2	92.4	93.0	93.3	93.8	94.6	94.8
GE 500		52.3	57.7	69.2	77.3	79.2	85.6	89.4	91.4	93.2	93.4	94.1	94.4	94.9	95.8	96.3
GE 400		52.3	57.7	69.2	77.4	79.6	86.3	90.1	92.6	94.6	94.8	95.5	95.8	96.3	97.3	97.8
GE 300		52.3	57.7	69.2	77.4	79.6	86.5	90.2	92.7	94.8	95.1	95.7	96.0	96.7	97.6	98.2
GE 200		52.3	57.7	69.2	77.4	79.6	86.5	90.2	92.7	95.1	95.4	96.0	96.3	97.1	98.5	99.2
GE 100		52.3	57.7	69.2	77.4	79.6	86.5	90.2	92.7	95.1	95.4	96.0	96.3	97.1	98.6	100.0
GE 0		52.3	57.7	69.2	77.4	79.6	86.5	90.2	92.7	95.1	95.4	96.0	96.3	97.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(IST): 0600-0600

CEILING IN FEET	GT 160	GE 90	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
NO CEIL	19.4	21.6	26.7	28.7	29.1	30.2	32.2	32.9	33.5	34.0	34.0	34.2	34.3	34.6	34.9
GE 20000	22.7	25.5	32.0	34.7	35.4	36.8	39.0	40.0	41.1	41.7	41.7	41.9	42.0	42.5	43.1
GE 18000	22.7	25.5	32.0	34.7	35.4	36.8	39.0	40.0	41.1	41.7	41.7	41.9	42.0	42.5	43.1
GE 16000	22.7	25.5	32.0	34.7	35.4	36.8	39.0	40.0	41.1	41.7	41.7	41.9	42.0	42.5	43.1
GE 14000	22.7	25.5	32.0	34.7	35.4	36.8	39.0	40.0	41.1	41.7	41.7	41.9	42.0	42.5	43.1
GE 12000	23.3	26.1	32.7	35.4	36.0	37.4	39.7	40.6	41.7	42.4	42.4	42.6	42.7	43.1	43.8
GE 10000	25.1	28.1	35.2	38.2	38.8	40.5	42.8	44.0	45.4	46.0	46.0	46.3	46.6	47.0	47.6
GE 9000	25.2	28.2	35.5	38.5	39.1	41.0	43.3	44.6	46.0	46.7	46.7	47.0	47.2	47.6	48.3
GE 8000	28.1	31.3	39.1	42.6	43.2	45.4	47.7	49.0	50.6	51.3	51.3	51.6	51.8	52.3	53.0
GE 7000	28.8	32.0	40.2	43.7	44.3	46.5	48.8	50.1	51.7	52.4	52.4	52.7	52.9	53.3	54.1
GE 6000	28.9	32.2	40.3	43.8	44.4	46.6	48.9	50.2	51.8	52.5	52.5	52.8	53.0	53.4	54.2
GE 5000	32.7	36.7	45.2	48.9	49.8	52.0	54.5	55.8	57.4	58.1	58.1	58.4	58.6	59.0	59.8
GE 4500	33.9	38.0	46.7	50.4	51.3	53.5	56.1	57.4	59.0	59.7	59.7	60.0	60.2	60.6	61.4
GE 4000	40.1	44.9	54.8	59.1	60.1	62.5	65.3	66.8	68.4	69.0	69.0	69.4	69.6	70.0	70.8
GE 3500	41.8	46.7	56.8	61.6	62.9	65.3	68.3	69.8	71.5	72.2	72.2	72.5	72.7	73.1	73.9
GE 3000	46.5	51.5	62.3	67.3	68.8	71.3	74.3	75.9	77.7	78.5	78.5	78.8	79.0	79.5	80.2
GE 2500	46.7	52.0	62.8	68.1	69.6	72.0	75.1	76.7	78.5	79.2	79.2	79.6	79.8	80.2	81.0
GE 2000	48.6	54.1	65.1	70.4	72.2	74.7	77.7	79.4	81.2	81.9	81.9	82.3	82.5	82.9	83.7
GE 1800	48.9	54.4	65.4	70.8	72.5	75.1	78.1	79.7	81.5	82.3	82.3	82.6	82.8	83.2	84.0
GE 1600	49.5	55.2	66.7	72.5	74.5	77.3	80.4	82.2	84.0	84.7	84.7	85.1	85.3	85.7	86.5
GE 1400	49.8	55.6	67.6	74.2	76.2	79.4	82.5	84.2	86.1	86.9	86.9	87.2	87.4	87.8	88.6
GE 1200	49.9	55.8	68.3	75.3	77.5	80.8	83.9	85.6	87.5	88.3	88.3	88.6	88.8	89.2	90.0
GE 1000	49.9	55.8	68.4	75.6	78.0	81.2	84.3	86.0	88.0	88.7	88.7	89.0	89.2	89.7	90.4
GE 900	50.2	56.1	68.8	76.3	78.7	82.2	85.4	87.2	89.1	89.9	89.9	90.3	90.5	91.0	91.7
GE 800	50.3	56.3	69.6	77.4	80.0	83.8	87.0	89.0	91.1	91.8	91.8	92.3	92.5	92.9	93.7
GE 700	50.4	56.7	70.1	78.1	80.8	85.1	88.6	91.0	93.1	93.9	93.9	94.3	94.5	94.9	95.7
GE 600	50.4	56.8	70.2	78.3	81.2	85.6	89.7	92.2	94.4	95.2	95.2	95.6	95.8	96.2	97.0
GE 500	50.4	56.8	70.2	78.3	81.3	85.7	90.0	92.7	95.1	95.8	95.8	96.3	96.7	97.2	98.0
GE 400	50.4	56.8	70.2	78.3	81.3	85.8	90.1	92.9	95.6	96.3	96.3	96.9	97.3	97.8	98.6
GE 300	50.4	56.8	70.2	78.3	81.3	85.8	90.2	93.0	95.7	96.6	96.6	97.1	97.6	98.4	99.5
GE 200	50.4	56.8	70.2	78.3	81.3	85.8	90.2	93.0	95.7	96.6	96.6	97.1	97.6	98.6	100.0
GE 0	50.4	56.8	70.2	78.3	81.3	85.8	90.2	93.0	95.7	96.6	96.6	97.1	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	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
NO CEIL		22.2	23.1	27.3	29.0	29.6	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 2000		26.5	28.2	33.2	35.6	36.2	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1800		26.5	28.2	33.2	35.6	36.2	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1600		26.5	28.2	33.2	35.6	36.2	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1400		26.5	28.2	33.2	35.7	36.3	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 1200		26.7	28.4	33.5	36.1	36.8	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 1000		30.1	31.9	37.7	40.4	41.1	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 900		30.8	32.7	39.0	41.7	42.4	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 800		36.5	39.2	46.1	49.1	49.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 700		37.3	40.1	47.0	50.0	50.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 600		37.3	40.1	47.0	50.0	50.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 500		41.0	43.9	50.8	53.8	54.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 450		42.0	45.1	52.0	55.3	55.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 400		48.3	51.9	60.0	63.7	64.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 350		51.4	55.2	64.1	68.1	68.7	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 300		60.8	64.9	74.1	78.4	79.0	80.0	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 250		61.9	66.3	75.6	79.9	80.5	81.5	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 200		65.6	70.1	80.1	84.6	85.3	86.3	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 180		66.0	70.6	81.0	85.5	86.1	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 150		66.5	71.8	82.8	87.6	88.4	89.6	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 120		67.6	72.7	85.2	90.8	91.9	93.5	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 100		68.4	73.8	86.5	92.0	93.2	95.2	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 90		68.8	74.2	87.2	93.1	94.3	96.2	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 80		68.8	74.3	87.7	94.0	95.2	97.2	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 70		68.8	74.3	88.0	94.3	95.6	97.7	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 60		68.8	74.3	88.0	94.5	95.9	98.1	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 50		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 40		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		68.8	74.3	88.0	94.5	96.0	98.2	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 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			19.9	22.0	25.7	27.7	26.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 2000			26.3	28.7	34.4	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 1800			26.5	28.8	34.5	36.8	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1600			26.5	28.8	34.5	36.8	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1400			26.5	28.8	34.5	36.8	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 1200			26.6	28.9	34.7	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 1000			28.1	30.4	36.5	38.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 900			28.5	31.0	37.1	39.8	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 800			32.3	35.4	42.0	44.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 700			32.6	35.7	42.4	45.1	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 600			32.6	35.7	42.4	45.1	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 500			34.8	38.1	45.1	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 450			36.7	40.0	47.0	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 400			46.7	50.5	57.8	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 350			54.5	59.4	66.9	70.1	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 300			68.5	73.8	81.6	85.2	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 250			71.3	76.6	84.4	88.0	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 200			74.8	80.2	89.1	93.0	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 180			75.1	80.6	89.6	93.4	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 160			75.8	81.5	90.6	94.7	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 120			76.7	82.4	91.9	96.5	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100			76.9	82.7	92.6	97.1	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 90			77.1	82.8	92.6	97.4	98.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 80			77.1	82.9	92.9	97.5	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70			77.1	82.9	92.9	97.6	98.3	99.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 60			77.1	82.9	92.9	97.7	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			77.1	82.9	93.0	97.8	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 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		24.6	27.0	31.0	33.6	33.0	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000		29.8	33.5	38.6	41.2	41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 18000		29.9	33.7	38.7	41.3	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 16000		29.9	33.7	38.7	41.3	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000		29.9	33.7	38.8	41.4	41.6	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 12000		30.1	34.1	39.6	42.4	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 10000		33.1	37.1	43.6	45.6	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 9000		33.1	37.2	43.1	45.9	46.1	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 8000		38.9	43.5	49.6	52.4	52.7	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000		39.6	44.4	50.4	53.2	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000		39.6	44.4	50.4	53.2	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 5000		42.4	47.3	53.8	56.7	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500		44.8	49.8	56.2	59.1	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4000		56.7	62.2	69.4	72.3	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500		63.4	69.1	76.5	79.4	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000		70.5	76.5	84.5	87.6	88.2	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500		71.8	77.8	86.0	89.2	89.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000		73.3	79.8	88.4	92.2	92.6	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800		73.5	80.0	88.6	92.5	93.1	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500		74.9	81.7	90.4	94.4	95.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200		75.4	82.3	91.1	95.3	95.9	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000		75.7	82.6	91.9	96.2	96.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		75.9	82.8	92.2	96.5	97.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		76.2	83.1	92.5	96.8	97.4	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700		76.2	83.1	92.7	97.1	97.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		76.2	83.1	92.8	97.1	97.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(LST): 1800-2400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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			28.5	31.9	36.9	39.2	39.5	40.3	40.9	40.9	41.0	41.0	41.2	41.2	41.2	41.2	41.2
GE 20000			34.4	37.8	43.2	46.5	46.9	47.8	48.5	48.5	48.6	48.6	48.8	48.8	48.8	48.8	48.8
GE 18000			34.4	37.8	43.2	46.5	46.9	47.8	48.5	48.5	48.6	48.6	48.8	48.8	48.8	48.8	48.8
GE 16000			34.4	37.8	43.2	46.5	46.9	47.8	48.5	48.5	48.6	48.6	48.8	48.8	48.8	48.8	48.8
GE 14000			34.4	37.8	43.2	46.5	46.9	47.8	48.5	48.5	48.6	48.6	48.8	48.8	48.8	48.8	48.8
GE 12000			34.4	38.0	43.9	47.3	47.7	48.7	49.4	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.7
GE 10000			36.7	40.6	47.0	50.6	51.1	52.0	52.7	52.7	52.9	52.9	53.1	53.1	53.1	53.1	53.1
GE 9000			37.5	41.5	48.1	51.7	52.2	53.1	53.8	53.8	54.0	54.0	54.2	54.2	54.2	54.2	54.2
GE 8000			43.7	48.4	55.3	60.0	60.6	61.6	62.4	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8
GE 7000			44.4	49.2	56.1	61.2	61.9	63.0	63.9	63.9	64.2	64.2	64.4	64.4	64.4	64.4	64.4
GE 6000			44.4	49.2	56.1	61.2	61.9	63.0	63.9	63.9	64.2	64.2	64.4	64.4	64.4	64.4	64.4
GE 5000			47.3	52.2	59.4	64.4	65.2	66.2	67.1	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6
GE 4500			49.9	54.7	61.9	67.0	67.7	69.0	69.9	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4
GE 4000			57.8	63.1	71.2	76.7	77.4	79.0	79.9	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4
GE 3500			60.5	66.1	74.4	80.0	80.8	82.4	83.2	83.2	83.5	83.5	83.8	83.8	83.8	83.8	83.8
GE 3000			65.6	71.6	80.2	86.6	87.3	88.9	89.9	89.9	90.2	90.2	90.4	90.4	90.4	90.4	90.4
GE 2500			66.1	72.3	81.0	87.3	88.1	89.7	90.6	90.6	91.0	91.0	91.2	91.2	91.2	91.2	91.2
GE 2000			67.3	73.5	82.6	89.1	89.9	91.5	92.5	92.5	92.8	92.8	93.0	93.0	93.0	93.0	93.0
GE 1800			67.5	73.8	82.8	89.4	90.1	91.7	92.7	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2
GE 1500			68.9	75.6	85.1	91.8	92.9	94.5	95.6	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1
GE 1200			69.1	75.8	85.4	92.3	93.4	95.1	96.1	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8
GE 1000			69.2	75.9	86.1	93.2	94.4	96.3	97.4	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4
GE 900			69.2	75.9	86.1	93.2	94.4	96.3	97.4	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4
GE 800			69.7	76.6	86.8	93.6	95.1	97.2	98.3	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2
GE 700			69.7	76.7	87.3	94.4	95.6	97.8	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 600			69.7	76.7	87.3	94.4	95.6	97.8	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 500			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 400			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 0			69.7	76.7	87.3	94.5	95.7	98.0	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 335963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	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
NO CEIL			35.6	37.5	44.3	47.3	48.5	50.3	51.9	52.0	52.7	52.7	52.8	52.8	52.8	52.8	52.8
GE 2000			38.4	40.3	48.0	51.3	52.5	54.7	56.6	56.7	57.3	57.3	57.4	57.4	57.4	57.6	57.6
GE 1800			38.4	40.3	48.1	51.4	52.6	54.8	56.7	56.8	57.4	57.4	57.5	57.5	57.5	57.7	57.7
GE 1600			38.4	40.3	48.1	51.4	52.6	54.8	56.7	56.8	57.4	57.4	57.5	57.5	57.5	57.7	57.7
GE 1400			38.4	40.3	48.1	51.4	52.6	54.8	56.7	56.8	57.4	57.4	57.5	57.5	57.5	57.7	57.7
GE 1200			38.4	40.3	48.1	51.5	52.7	54.9	56.8	56.9	57.5	57.5	57.6	57.6	57.6	57.8	57.8
GE 1000			39.2	41.6	50.0	53.4	54.6	56.9	58.7	58.8	59.5	59.5	59.6	59.6	59.6	59.8	59.8
GE 900			39.5	41.6	50.4	54.0	55.2	57.4	59.2	59.4	60.0	60.0	60.1	60.1	60.1	60.3	60.3
GE 800			44.0	47.2	56.1	60.2	61.6	63.9	65.7	65.9	66.6	66.6	66.7	66.7	66.7	66.9	66.9
GE 700			44.6	48.1	57.1	61.2	62.6	65.1	67.2	67.4	68.1	68.1	68.2	68.2	68.2	68.4	68.4
GE 600			44.6	48.1	57.1	61.2	62.6	65.1	67.2	67.4	68.1	68.1	68.2	68.2	68.2	68.4	68.4
GE 500			46.1	49.7	58.9	63.8	65.2	67.6	69.9	70.1	70.8	70.8	70.9	70.9	70.9	71.1	71.1
GE 450			47.2	50.8	60.3	65.3	66.7	69.4	71.6	71.8	72.5	72.5	72.6	72.6	72.6	72.8	72.8
GE 400			55.9	59.6	69.5	74.8	76.3	79.4	81.6	81.8	82.5	82.5	82.6	82.6	82.6	82.8	82.8
GE 350			57.6	61.5	71.9	77.3	78.8	81.8	84.2	84.4	85.1	85.1	85.2	85.2	85.2	85.4	85.4
GE 300			61.1	65.5	76.0	81.7	83.4	86.7	89.0	89.2	89.9	89.9	90.0	90.0	90.0	90.2	90.2
GE 250			61.4	65.8	76.3	82.0	83.8	87.0	89.4	89.6	90.2	90.2	90.3	90.3	90.3	90.5	90.5
GE 200			62.6	67.0	77.6	83.4	85.2	88.6	91.0	91.2	91.8	91.8	91.9	91.9	91.9	92.2	92.2
GE 180			62.9	67.3	78.0	83.8	85.5	88.9	91.3	91.5	92.2	92.2	92.3	92.3	92.3	92.5	92.5
GE 150			63.9	68.7	79.7	85.5	87.2	90.6	93.0	93.2	93.9	93.9	94.0	94.0	94.0	94.2	94.2
GE 120			64.2	69.1	80.5	86.3	88.1	91.6	94.0	94.2	94.8	94.8	94.9	94.9	94.9	95.2	95.2
GE 100			64.3	69.2	80.9	87.2	89.0	92.6	94.9	95.2	95.8	95.8	95.9	95.9	95.9	96.1	96.1
GE 90			64.3	69.6	81.3	87.6	89.5	93.3	95.7	96.0	96.7	96.7	96.8	96.8	96.8	97.0	97.0
GE 80			64.5	70.0	81.8	88.2	90.0	94.0	96.3	96.7	97.3	97.3	97.4	97.4	97.4	97.6	97.6
GE 70			64.6	70.1	82.4	88.7	90.5	94.6	97.0	97.3	98.0	98.0	98.1	98.1	98.1	98.3	98.3
GE 60			64.6	70.1	82.4	88.8	90.8	95.1	97.4	97.7	98.4	98.4	98.5	98.5	98.5	98.7	98.7
GE 50			64.7	70.3	82.7	89.1	91.1	95.6	98.1	98.4	99.0	99.0	99.1	99.1	99.1	99.4	99.4
GE 40			64.7	70.3	82.7	89.4	91.3	95.9	98.4	98.7	99.4	99.4	99.5	99.5	99.5	99.7	99.7
GE 30			64.7	70.3	82.7	89.5	91.4	96.1	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.9	99.9
GE 20			64.7	70.3	82.7	89.5	91.4	96.2	98.7	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0
GE 10			64.7	70.3	82.7	89.5	91.4	96.2	98.7	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0
GE 0			64.7	70.3	82.7	89.5	91.4	96.2	98.7	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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			26.1	28.3	33.1	35.5	36.0	37.3	38.4	38.6	38.9	39.0	39.1	39.2	39.3	39.4	39.5
GE 20000			30.0	32.6	36.5	41.4	42.0	43.5	44.7	45.0	45.4	45.6	45.7	45.8	45.9	46.1	46.2
GE 18000			30.1	32.6	38.5	41.5	42.1	43.5	44.8	45.0	45.5	45.6	45.7	45.8	45.9	46.1	46.2
GE 16000			30.1	32.6	38.5	41.5	42.1	43.6	44.8	45.0	45.5	45.6	45.7	45.8	45.9	46.1	46.2
GE 14000			30.1	32.6	36.5	41.5	42.1	43.6	44.8	45.1	45.5	45.6	45.8	45.9	46.0	46.1	46.3
GE 12000			30.2	32.8	38.9	42.0	42.6	44.1	45.3	45.5	46.0	46.1	46.2	46.3	46.4	46.6	46.8
GE 10000			32.2	34.9	41.5	44.7	45.4	47.0	48.3	48.6	49.1	49.2	49.4	49.5	49.7	49.8	50.0
GE 9000			32.5	35.3	42.0	45.3	46.0	47.7	48.9	49.3	49.8	49.9	50.1	50.2	50.3	50.5	50.7
GE 8000			36.8	40.2	47.5	51.1	51.8	53.6	54.9	55.3	55.8	55.9	56.1	56.2	56.4	56.6	56.7
GE 7000			37.4	40.8	48.2	51.8	52.6	54.4	55.8	56.2	56.7	56.8	57.0	57.1	57.3	57.5	57.6
GE 6000			37.4	40.9	48.2	51.9	52.7	54.5	55.8	56.2	56.8	56.9	57.1	57.2	57.3	57.5	57.6
GE 5000			40.2	43.8	51.4	55.3	56.1	58.0	59.4	59.8	60.4	60.5	60.6	60.7	60.9	61.1	61.2
GE 4500			41.6	45.3	53.0	57.0	57.8	59.7	61.2	61.5	62.1	62.3	62.4	62.5	62.7	62.9	63.0
GE 4000			49.7	54.0	62.3	66.6	67.5	69.6	71.1	71.5	72.1	72.2	72.4	72.5	72.7	72.8	73.0
GE 3500			53.2	57.7	66.4	70.9	71.8	74.0	75.6	76.0	76.7	76.8	76.9	77.1	77.2	77.4	77.5
GE 3000			59.7	64.6	73.8	78.7	79.8	82.1	83.8	84.2	84.9	85.0	85.2	85.3	85.5	85.6	85.8
GE 2500			60.6	65.6	74.8	79.8	80.8	83.2	84.9	85.3	86.0	86.1	86.3	86.4	86.5	86.7	86.9
GE 2000			62.6	67.8	77.6	82.8	83.9	86.3	88.0	88.5	89.1	89.2	89.4	89.5	89.7	89.9	90.0
GE 1800			62.9	68.1	77.9	83.1	84.2	86.7	88.4	88.8	89.5	89.6	89.8	89.9	90.0	90.2	90.4
GE 1500			63.8	69.3	79.5	84.9	86.1	88.6	90.4	90.8	91.5	91.6	91.7	91.9	92.0	92.2	92.4
GE 1200			64.3	69.8	80.5	86.3	87.6	90.3	92.1	92.5	93.2	93.4	93.5	93.6	93.8	94.0	94.1
GE 1000			64.5	70.2	81.2	87.1	88.5	91.4	93.2	93.7	94.4	94.5	94.7	94.8	95.0	95.2	95.3
GE 900			64.6	70.3	81.5	87.6	88.9	91.9	93.7	94.3	95.0	95.1	95.3	95.4	95.5	95.7	95.9
GE 800			64.8	70.6	81.8	88.1	89.4	92.5	94.4	94.9	95.7	95.8	96.0	96.1	96.2	96.4	96.6
GE 700			64.8	70.7	82.3	88.7	90.1	93.3	95.3	95.9	96.7	96.8	96.9	97.1	97.2	97.4	97.6
GE 600			64.9	70.7	82.4	88.9	90.4	93.7	95.7	96.4	97.2	97.3	97.5	97.6	97.8	98.0	98.1
GE 500			64.9	70.8	82.6	89.1	90.7	94.1	96.2	96.9	97.8	97.9	98.1	98.2	98.4	98.6	98.8
GE 400			64.9	70.8	82.6	89.2	90.8	94.3	96.5	97.3	98.2	98.3	98.5	98.6	98.8	99.0	99.2
GE 300			64.9	70.8	82.6	89.2	90.8	94.4	96.6	97.4	98.3	98.5	98.7	98.8	99.0	99.2	99.4
GE 200			64.9	70.8	82.6	89.2	90.8	94.4	96.6	97.4	98.4	98.5	98.7	98.9	99.1	99.4	99.6
GE 100			64.9	70.8	82.6	89.2	90.8	94.4	96.6	97.4	98.4	98.5	98.7	98.9	99.2	99.5	100.0
GE 0			64.9	70.8	82.6	89.2	90.8	94.4	96.6	97.4	98.4	98.5	98.7	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(LST): 0000-0.00

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	1		35.9	40.0	47.4	50.7	51.3	54.1	55.4	55.8	57.1	57.1	57.2	57.2	57.8	58.0	58.0
GE 20000			37.1	41.2	49.8	53.1	53.8	56.8	58.6	59.3	60.7	60.7	60.9	60.9	61.4	61.7	61.9
GE 18000			37.1	41.2	49.8	53.1	53.8	56.8	58.6	59.3	60.7	60.7	60.9	60.9	61.4	61.7	61.9
GE 16000			37.1	41.2	49.8	53.1	53.8	56.8	58.6	59.3	60.7	60.7	60.9	60.9	61.4	61.7	61.9
GE 14000			37.1	41.2	49.8	53.1	53.8	56.8	58.6	59.3	60.7	60.7	60.9	60.9	61.4	61.7	61.9
GE 12000			37.4	41.6	50.1	53.4	54.1	57.1	58.9	59.7	61.0	61.0	61.2	61.2	61.8	62.0	62.2
GE 10000			39.0	43.2	52.2	55.6	56.2	59.2	61.0	61.8	63.1	63.1	63.3	63.3	63.9	64.1	64.3
GE 9000			39.4	43.7	52.7	56.1	57.0	60.0	61.8	62.6	63.9	63.9	64.1	64.1	64.7	64.9	65.1
GE 8000			42.6	47.2	57.1	60.9	61.8	65.0	66.9	67.7	69.1	69.1	69.3	69.3	69.9	70.1	70.3
GE 7000			43.6	48.7	58.7	62.4	63.3	66.6	68.4	69.2	70.7	70.7	70.9	70.9	71.4	71.7	71.9
GE 6000			43.6	48.7	58.7	62.4	63.3	66.6	68.4	69.2	70.7	70.7	70.9	70.9	71.4	71.7	71.9
GE 5000			46.0	51.4	61.9	66.1	67.0	70.2	72.1	72.9	74.4	74.4	74.7	74.7	75.2	75.4	75.7
GE 4500			46.3	51.8	62.2	66.4	67.3	70.6	72.4	73.2	74.8	74.8	75.0	75.0	75.6	75.8	76.0
GE 4000			50.9	56.7	67.6	72.3	73.2	76.4	78.8	79.6	81.2	81.2	81.6	81.6	82.2	82.4	82.7
GE 3500			52.4	58.2	69.6	74.3	75.2	78.6	80.9	81.7	83.3	83.3	83.7	83.7	84.3	84.6	84.8
GE 3000			55.6	61.3	73.9	79.1	80.1	83.4	86.0	86.8	88.4	88.4	88.8	88.8	89.4	89.7	89.9
GE 2500			55.8	61.7	74.3	79.6	80.6	83.9	86.4	87.2	88.9	88.9	89.2	89.2	89.9	90.1	90.3
GE 2000			56.7	62.7	76.1	81.6	82.6	86.1	89.0	89.8	91.4	91.4	91.8	91.8	92.4	92.7	92.9
GE 1800			56.7	62.7	76.1	81.6	82.6	86.1	89.0	89.8	91.4	91.4	91.8	91.8	92.4	92.7	92.9
GE 1500			56.8	63.0	76.8	82.2	83.2	86.8	89.7	90.4	92.3	92.3	92.7	92.7	93.3	93.6	93.8
GE 1200			57.0	63.2	77.7	83.1	84.1	87.7	90.6	91.3	93.4	93.4	93.8	93.8	94.4	94.7	94.9
GE 1000			57.0	63.3	78.1	83.8	84.8	88.3	91.2	92.0	94.2	94.2	94.6	94.6	95.2	95.4	95.7
GE 900			57.0	63.3	78.1	83.8	84.8	88.3	91.2	92.0	94.2	94.2	94.6	94.6	95.2	95.4	95.7
GE 800			57.2	63.6	78.3	84.0	85.0	88.7	91.6	92.3	94.6	94.6	94.9	94.9	95.6	95.8	96.0
GE 700			57.4	63.8	78.7	84.7	85.7	89.6	92.4	93.2	95.4	95.4	95.8	95.8	96.4	96.7	96.9
GE 600			57.4	63.8	78.6	84.8	85.8	89.1	93.2	94.0	96.2	96.2	96.6	96.6	97.2	97.4	97.7
GE 500			57.6	64.0	79.0	85.0	86.0	90.6	93.8	94.9	97.1	97.1	97.4	97.4	98.1	98.3	98.6
GE 400			57.6	64.0	79.0	85.0	86.0	90.8	94.2	95.3	97.7	97.7	98.0	98.1	98.8	99.0	99.2
GE 300			57.6	64.0	79.0	85.0	86.0	90.8	94.2	95.3	97.7	97.7	98.0	98.1	98.8	99.0	99.4
GE 200			57.6	64.0	79.0	85.0	86.0	90.8	94.2	95.3	97.8	97.8	98.2	98.3	99.0	99.2	100.0
GE 100			57.6	64.0	79.0	85.0	86.0	90.8	94.2	95.3	97.8	97.8	98.2	98.3	99.0	99.2	100.0
GE 0			57.6	64.0	79.0	85.0	86.0	90.8	94.2	95.3	97.8	97.8	98.2	98.3	99.0	99.2	100.0

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS (LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3
NO CEIL		28.6	31.6	37.4	41.2	42.6	45.6	47.1	47.7	49.1	49.7	49.7	50.1	50.6	51.0	51.7
GE 20000		31.1	34.4	40.8	44.7	46.0	49.3	51.2	51.8	53.2	53.6	53.9	54.4	54.9	55.3	56.0
GE 18000		31.1	34.4	40.8	44.7	46.0	49.3	51.2	51.8	53.2	53.6	53.9	54.4	54.9	55.3	56.0
GE 16000		31.1	34.4	40.8	44.7	46.0	49.3	51.2	51.8	53.2	53.6	53.9	54.4	54.9	55.3	56.0
GE 14000		31.1	34.4	40.8	44.7	46.0	49.3	51.2	51.8	53.2	53.6	53.9	54.4	54.9	55.3	56.0
GE 12000		31.2	34.9	41.2	45.1	46.4	49.8	51.7	52.2	53.7	54.0	54.3	54.9	55.3	55.8	56.4
GE 10000		31.7	35.6	42.0	45.9	47.2	50.6	52.6	53.1	54.6	54.9	55.2	55.8	56.2	56.7	57.3
GE 9000		32.1	36.0	42.9	46.8	48.1	51.4	53.4	54.0	55.4	55.8	56.1	56.7	57.1	57.6	58.2
GE 8000		35.2	39.2	46.6	50.7	52.4	56.0	58.0	58.7	60.1	60.4	60.8	61.3	61.8	62.2	62.9
GE 7000		36.3	40.8	48.1	52.2	54.0	57.6	59.6	60.2	61.7	62.0	62.3	62.9	63.3	63.8	64.4
GE 6000		36.3	40.8	48.1	52.2	54.0	57.6	59.6	60.2	61.7	62.0	62.3	62.9	63.3	63.8	64.4
GE 5000		39.1	44.1	51.7	56.2	58.1	61.8	63.8	64.4	65.9	66.2	66.6	67.1	67.6	68.0	68.7
GE 4500		39.3	44.3	52.0	56.6	58.4	62.1	64.1	64.8	66.2	66.6	66.9	67.4	67.9	68.3	69.0
GE 4000		45.1	50.4	59.8	64.9	67.0	70.7	72.7	73.3	74.8	75.1	75.4	76.0	76.4	76.9	77.6
GE 3500		47.6	53.0	62.9	68.1	70.2	73.9	75.9	76.6	78.0	78.3	78.7	79.2	79.8	80.2	80.9
GE 3000		51.3	57.2	68.3	74.2	76.4	80.3	82.7	83.3	84.8	85.1	85.4	86.0	86.7	87.1	87.8
GE 2500		51.7	57.7	68.8	74.7	76.9	80.8	83.1	83.8	85.4	85.8	86.1	86.7	87.3	87.8	88.4
GE 2000		53.1	59.3	71.0	77.1	79.3	83.2	85.6	86.2	87.9	88.2	88.6	89.1	89.8	90.2	90.9
GE 1800		53.1	59.3	71.0	77.1	79.3	83.2	85.6	86.2	87.9	88.2	88.6	89.1	89.8	90.2	90.9
GE 1500		53.6	60.4	72.1	78.2	80.4	84.4	86.8	87.4	89.2	89.6	89.9	90.4	91.1	91.6	92.2
GE 1200		54.6	61.4	73.8	79.9	82.1	86.4	88.9	89.6	91.3	91.7	92.1	92.8	93.4	93.9	94.6
GE 1000		54.7	61.6	74.1	80.2	82.6	86.9	89.3	90.0	91.8	92.1	92.6	93.2	93.9	94.3	95.0
GE 900		54.9	61.8	74.4	80.6	82.9	87.2	89.7	90.3	92.1	92.4	92.9	93.6	94.2	94.7	95.3
GE 800		54.9	61.8	74.4	80.6	82.9	87.3	89.8	90.4	92.2	92.6	93.0	93.7	94.3	94.8	95.4
GE 700		55.2	62.1	74.8	81.0	83.6	88.0	90.4	91.1	92.9	93.2	93.7	94.3	95.0	95.4	96.1
GE 600		55.2	62.3	75.1	81.4	84.1	88.8	91.3	92.0	94.1	94.4	94.9	95.6	96.2	96.7	97.3
GE 500		55.3	62.4	75.2	81.6	84.2	89.0	92.2	92.9	95.3	95.7	96.1	96.8	97.4	97.9	98.6
GE 400		55.3	62.4	75.2	81.7	84.3	89.7	93.1	93.8	96.2	96.6	97.0	97.7	98.3	98.8	99.4
GE 300		55.3	62.4	75.2	81.7	84.3	89.7	93.1	93.8	96.3	96.7	97.1	97.8	98.4	98.9	99.6
GE 200		55.3	62.4	75.2	81.7	84.3	89.7	93.1	93.8	96.3	96.7	97.1	97.8	98.4	98.9	99.6
GE 100		55.3	62.4	75.2	81.7	84.3	89.7	93.1	93.8	96.3	96.7	97.1	97.8	98.4	98.9	99.6
GE	CI	55.3	62.4	75.2	81.7	84.3	89.7	93.1	93.8	96.3	96.7	97.1	97.8	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	1		22.6	25.0	28.9	31.8	32.9	33.9	35.4	36.0	37.3	38.0	38.2	38.7	38.9	39.1	39.8
GE 20000			27.7	30.8	36.0	39.7	41.2	42.7	44.4	45.2	46.7	47.4	48.0	48.6	48.9	49.2	49.9
GE 18000			28.1	31.2	36.4	40.2	41.8	43.2	45.0	45.8	47.2	48.0	48.6	49.1	49.4	49.8	50.4
GE 16000			28.1	31.2	36.4	40.2	41.8	43.2	45.0	45.8	47.2	48.0	48.6	49.1	49.4	49.8	50.4
GE 14000			28.2	31.3	36.6	40.3	41.9	43.3	45.1	45.9	47.3	48.1	48.7	49.2	49.6	49.9	50.6
GE 12000			28.4	31.6	36.9	40.8	42.3	43.8	45.6	46.3	47.9	48.7	49.2	49.8	50.1	50.4	51.1
GE 10000			30.6	34.0	39.9	44.2	46.1	47.7	49.4	50.3	52.1	52.9	53.4	54.0	54.3	54.7	55.3
GE 9000			31.2	34.7	40.6	45.1	47.0	48.7	50.4	51.3	53.1	53.9	54.4	55.0	55.3	55.7	56.3
GE 8000			34.1	38.2	45.1	50.1	52.0	54.1	56.2	57.1	59.1	59.9	60.6	61.3	61.7	62.0	62.7
GE 7000			35.3	39.7	46.8	51.8	53.7	55.8	57.9	58.8	60.8	61.6	62.2	63.0	63.3	63.7	64.3
GE 6000			35.3	39.7	46.8	51.8	53.7	55.8	57.9	58.8	60.8	61.6	62.2	63.0	63.3	63.7	64.3
GE 5000			37.3	41.7	49.6	54.9	56.9	59.1	61.4	62.3	64.3	65.1	65.8	66.6	66.9	67.2	67.9
GE 4500			37.3	41.7	49.8	55.1	57.1	59.6	62.1	63.0	65.2	66.0	66.7	67.4	67.8	68.1	68.8
GE 4000			41.2	46.2	56.1	62.2	64.2	66.8	69.8	70.8	73.0	73.8	74.4	75.2	75.6	75.9	76.6
GE 3500			44.3	49.6	59.7	65.8	67.8	70.3	73.3	74.3	76.6	77.3	78.0	78.8	79.1	79.4	80.1
GE 3000			47.7	53.7	64.3	70.8	72.8	75.3	78.4	79.6	81.9	82.7	83.3	84.1	84.4	84.8	85.4
GE 2500			48.2	54.3	65.2	71.7	73.7	76.3	79.4	80.6	82.9	83.7	84.3	85.1	85.4	85.8	86.4
GE 2000			50.8	56.9	68.0	74.6	76.7	79.3	82.6	83.7	86.0	86.9	87.6	88.3	88.7	89.0	89.7
GE 1800			50.9	57.0	68.1	74.7	76.8	79.4	82.7	83.8	86.1	87.0	87.7	88.4	88.8	89.1	89.6
GE 1500			51.3	57.7	69.0	75.6	77.7	80.3	83.6	84.7	87.0	87.9	88.6	89.3	89.7	90.0	90.7
GE 1200			51.7	58.2	70.0	76.7	78.8	81.4	84.7	85.8	88.1	89.0	89.7	90.4	90.8	91.1	91.8
GE 1000			51.9	58.8	70.8	77.9	80.2	83.2	86.7	87.8	90.2	91.2	91.9	92.7	93.0	93.3	94.0
GE 900			51.9	58.9	70.9	78.0	80.3	83.3	87.1	88.2	90.7	91.7	92.3	93.1	93.4	93.8	94.4
GE 800			51.9	58.9	70.9	78.1	80.4	83.8	87.7	88.8	91.4	92.6	93.2	94.0	94.3	94.7	95.3
GE 700			52.1	59.1	71.2	78.7	81.0	84.6	88.6	89.7	92.3	93.4	94.2	95.0	95.4	95.8	96.4
GE 600			52.1	59.1	71.4	79.0	81.4	85.1	89.3	90.6	93.3	94.4	95.3	96.1	96.6	96.9	97.6
GE 500			52.1	59.1	71.4	79.1	81.6	85.6	90.0	91.2	94.3	95.6	96.4	97.3	97.8	98.1	98.8
GE 400			52.1	59.1	71.4	79.1	81.8	85.7	90.3	91.6	94.7	95.9	96.8	97.7	98.1	98.4	99.1
GE 300			52.1	59.1	71.4	79.1	81.8	85.7	90.3	91.6	94.9	96.1	97.0	98.0	98.6	98.9	99.6
GE 200			52.1	59.1	71.4	79.1	81.8	85.7	90.3	91.6	94.9	96.1	97.0	98.0	98.6	98.9	99.9
GE 100			52.1	59.1	71.4	79.1	81.8	85.7	90.3	91.6	94.9	96.1	97.0	98.0	98.6	98.9	100.0
GE 0			52.1	59.1	71.4	79.1	81.8	85.7	90.3	91.6	94.9	96.1	97.0	98.0	98.6	98.9	100.0

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(LST): 0900-1100

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		26.3	28.6	32.7	35.4	36.1	36.7	37.3	37.6	37.9	37.9	38.0	38.1	38.1	38.1	38.1
GE 2000		34.9	37.7	42.8	46.0	46.9	47.6	48.3	48.6	48.9	48.9	49.0	49.1	49.1	49.1	49.1
GE 1800		34.9	37.7	42.8	46.1	47.0	47.7	48.4	48.7	49.0	49.0	49.1	49.2	49.2	49.2	49.2
GE 1600		34.9	37.7	42.8	46.1	47.0	47.7	48.4	48.7	49.0	49.0	49.1	49.2	49.2	49.2	49.2
GE 1400		35.0	37.8	42.9	46.2	47.1	47.8	48.6	48.8	49.1	49.1	49.2	49.3	49.3	49.3	49.3
GE 1200		36.1	38.9	44.0	47.3	48.2	48.9	49.7	49.9	50.2	50.2	50.3	50.4	50.4	50.4	50.4
GE 1000		38.7	41.8	47.4	50.9	51.6	52.4	53.2	53.4	53.8	53.8	53.9	54.0	54.0	54.0	54.0
GE 900		38.9	42.0	47.7	51.4	52.3	53.0	53.9	54.2	54.6	54.6	54.7	54.8	54.8	54.8	54.8
GE 800		42.4	46.0	52.7	56.7	57.6	58.4	59.4	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3
GE 700		42.7	46.2	53.1	57.2	58.2	59.2	60.3	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.2
GE 600		42.7	46.2	53.1	57.2	58.2	59.2	60.3	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.2
GE 500		44.8	48.8	55.9	60.1	61.1	62.1	63.2	63.6	63.9	63.9	64.0	64.1	64.1	64.1	64.1
GE 450		45.4	49.6	56.7	61.1	62.1	63.3	64.6	64.9	65.2	65.2	65.3	65.4	65.4	65.4	65.4
GE 400		50.4	55.2	63.3	68.2	69.3	70.7	72.0	72.4	72.8	72.8	72.9	73.0	73.0	73.0	73.0
GE 350		53.3	58.6	66.8	72.0	73.1	74.4	75.8	76.2	76.6	76.6	76.7	76.8	76.8	76.8	76.8
GE 300		60.1	65.4	74.7	80.2	81.3	82.7	84.0	84.4	84.8	84.8	84.9	85.0	85.0	85.0	85.0
GE 250		60.6	66.2	75.7	81.7	82.8	84.4	85.8	86.2	86.6	86.6	86.7	86.8	86.8	86.8	86.8
GE 200		63.0	69.1	79.0	85.2	86.4	88.3	89.8	90.3	90.9	90.9	91.0	91.1	91.1	91.1	91.1
GE 180		63.0	69.1	79.1	85.3	86.6	88.6	90.0	90.6	91.1	91.1	91.2	91.3	91.3	91.3	91.3
GE 150		63.8	70.1	80.3	86.8	88.0	90.0	91.6	92.1	92.7	92.7	92.8	92.9	92.9	92.9	92.9
GE 120		64.3	71.1	81.6	88.6	89.8	92.1	93.9	94.6	95.1	95.1	95.2	95.3	95.3	95.3	95.3
GE 100		64.3	71.1	82.3	89.7	90.9	93.4	95.3	96.0	96.7	96.7	96.8	96.9	96.9	96.9	96.9
GE 90		64.7	71.7	83.0	90.4	91.7	94.4	96.4	97.2	97.9	97.9	98.0	98.1	98.1	98.1	98.1
GE 80		64.7	71.7	83.2	90.9	92.1	94.9	96.9	97.7	98.3	98.3	98.4	98.6	98.6	98.6	98.6
GE 70		64.7	71.7	83.6	91.3	92.7	95.4	97.4	98.2	98.9	98.9	99.0	99.1	99.1	99.1	99.1
GE 60		64.7	71.7	83.6	91.3	92.7	95.4	97.4	98.2	98.9	98.9	99.0	99.1	99.1	99.1	99.1
GE 50		64.7	71.7	83.6	91.3	92.6	95.7	97.8	98.7	99.6	99.6	99.7	99.8	99.8	99.8	99.8
GE 40		64.7	71.7	83.6	91.3	92.8	95.7	97.8	98.7	99.6	99.6	99.7	99.8	99.8	99.8	99.8
GE 30		64.7	71.7	83.6	91.3	92.8	95.7	97.9	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9
GE 20		64.7	71.7	83.6	91.3	92.8	95.7	97.9	98.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0
GE 10		64.7	71.7	83.6	91.3	92.8	95.7	97.9	98.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0
GE 0		64.7	71.7	83.6	91.3	92.6	95.7	97.9	98.8	99.7	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	16	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL			24.8	25.9	29.7	32.3	32.9	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000			33.1	34.8	39.7	42.3	42.9	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 18000			33.2	34.9	39.9	42.6	43.1	43.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 16000			33.2	34.9	39.9	42.6	43.1	43.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 14000			33.6	35.2	40.2	42.9	43.4	44.2	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 12000			33.9	35.6	40.6	43.2	43.8	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 10000			37.4	39.2	44.3	47.0	47.6	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000			38.8	40.7	45.8	48.8	49.3	50.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 8000			42.3	44.4	50.2	53.6	54.1	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 7000			43.0	45.1	50.9	54.2	54.8	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 6000			43.2	45.3	51.1	54.4	55.0	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 5000			46.2	48.3	54.2	57.7	58.2	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500			46.6	48.7	54.6	58.0	58.6	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000			54.8	57.7	63.9	67.7	68.3	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500			59.2	62.3	68.7	72.6	73.2	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000			68.0	71.8	79.3	83.6	84.4	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500			69.4	73.6	81.2	85.4	86.7	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000			70.8	75.8	84.1	89.0	90.2	91.1	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800			70.9	75.9	84.2	89.1	90.3	91.2	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500			71.9	77.1	85.7	90.6	92.0	93.0	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200			72.2	77.4	86.8	91.9	93.3	94.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000			72.2	77.4	86.8	92.7	94.1	95.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 900			72.4	77.7	87.0	93.1	94.6	96.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 800			72.6	77.9	87.4	93.7	95.1	97.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700			72.6	77.9	87.6	94.2	95.7	97.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 600			72.7	78.1	87.8	94.4	95.9	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0			72.7	78.1	87.8	94.4	95.9	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	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
NO CEIL	I	24.4	27.9	31.6	33.6	34.2	35.2	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	I	32.7	37.2	42.3	44.8	45.4	46.6	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 18000	I	33.2	37.8	42.9	45.4	46.1	47.2	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	I	33.4	38.0	43.1	45.7	46.3	47.4	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	I	33.8	38.3	43.4	46.0	46.7	47.8	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	I	34.2	38.9	44.0	46.6	47.2	48.3	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 10000	I	36.8	41.7	47.2	49.8	50.4	51.6	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 9000	I	37.7	42.6	48.1	50.9	51.6	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	I	40.7	46.1	52.2	55.3	56.1	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	I	41.8	47.8	54.0	57.1	57.9	59.1	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	I	41.9	47.9	54.1	57.2	58.0	59.2	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 5000	I	44.1	50.6	57.0	60.1	60.9	62.2	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	I	45.2	51.7	58.1	61.2	62.0	63.3	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	I	54.3	61.2	69.0	72.8	73.6	74.9	75.1	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	I	58.4	65.8	73.9	77.8	78.7	80.0	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	I	65.4	73.0	81.4	85.7	86.9	88.3	88.8	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	I	67.4	75.4	84.2	88.4	89.7	91.1	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	I	68.9	77.1	86.4	91.0	92.3	93.8	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	I	68.9	77.1	86.4	91.0	92.3	93.8	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	I	69.6	77.9	87.4	92.4	93.8	95.4	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	I	69.7	78.0	87.7	93.1	94.6	96.3	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	I	69.7	78.0	87.7	93.1	94.6	96.3	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	I	69.7	78.0	87.7	93.2	94.9	96.7	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	I	69.7	78.0	87.7	93.2	94.9	96.7	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	I	69.7	78.0	87.7	93.3	95.0	96.9	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	I	69.8	78.1	87.8	93.4	95.1	97.2	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	I	69.8	78.1	87.8	93.6	95.2	97.3	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	I	69.8	78.1	87.8	93.6	95.2	97.3	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	I	69.8	78.1	87.8	93.6	95.2	97.3	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	I	69.8	78.1	87.8	93.6	95.2	97.3	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	I	69.8	78.1	87.8	93.6	95.2	97.3	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	I	69.8	78.1	87.8	93.6	95.2	97.3	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(151): 1800-2100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	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		29.7	32.9	38.1	40.4	41.8	43.1	44.1	44.2	44.9	44.9	44.9	44.9	45.0	45.0	45.1
GE 20000		34.2	37.6	44.3	47.1	48.4	49.9	51.1	51.2	52.1	52.1	52.1	52.1	52.2	52.2	52.3
GE 18000		34.2	37.6	44.3	47.1	48.4	49.9	51.1	51.2	52.1	52.1	52.1	52.1	52.2	52.2	52.3
GE 16000		34.2	37.6	44.3	47.1	48.4	49.9	51.1	51.2	52.1	52.1	52.1	52.1	52.2	52.2	52.3
GE 14000		34.6	37.9	44.7	47.4	48.8	50.2	51.4	51.6	52.4	52.4	52.4	52.4	52.6	52.6	52.7
GE 12000		35.0	38.4	45.2	48.0	49.3	50.8	52.0	52.1	53.0	53.0	53.0	53.0	53.1	53.1	53.2
GE 10000		37.8	41.4	48.7	51.4	52.8	54.2	55.4	55.6	56.4	56.4	56.4	56.4	56.6	56.6	56.7
GE 9000		38.1	41.9	49.3	52.2	53.7	55.2	56.4	56.6	57.4	57.4	57.4	57.4	57.6	57.6	57.7
GE 8000		41.7	46.0	54.8	58.0	59.6	61.3	62.6	62.7	63.6	63.6	63.6	63.6	63.7	63.7	63.8
GE 7000		42.7	47.2	56.4	59.7	61.2	63.0	64.2	64.3	65.2	65.2	65.2	65.2	65.3	65.3	65.4
GE 6000		43.0	47.6	56.8	60.0	61.6	63.3	64.6	64.7	65.6	65.6	65.6	65.6	65.7	65.7	65.8
GE 5000		44.9	49.9	59.3	62.7	64.2	66.0	67.3	67.4	68.3	68.3	68.3	68.3	68.4	68.4	68.6
GE 4500		46.0	51.0	60.7	64.0	65.6	67.3	68.7	68.8	69.7	69.7	69.7	69.7	69.8	69.8	69.9
GE 4000		53.0	59.0	70.6	74.1	75.8	77.6	79.0	79.1	80.0	80.0	80.0	80.0	80.1	80.1	80.2
GE 3500		55.6	61.9	73.7	77.2	78.9	80.9	82.4	82.6	83.4	83.4	83.4	83.4	83.6	83.6	83.7
GE 3000		60.0	66.9	79.0	82.9	84.8	86.9	88.7	88.8	90.0	90.1	90.1	90.1	90.2	90.2	90.3
GE 2500		60.7	67.8	80.2	84.4	86.3	88.4	90.2	90.3	91.6	91.7	91.7	91.7	91.8	91.8	91.9
GE 2000		61.3	68.7	81.2	86.0	87.9	90.0	91.9	92.0	93.2	93.3	93.3	93.3	93.4	93.4	93.6
GE 1800		61.3	68.7	81.2	86.0	87.9	90.0	91.9	92.0	93.2	93.3	93.3	93.3	93.4	93.4	93.6
GE 1500		61.7	69.1	82.1	86.9	88.8	91.0	92.9	93.0	94.2	94.3	94.3	94.3	94.4	94.4	94.6
GE 1200		61.9	69.3	82.4	87.6	89.4	91.9	93.8	93.9	95.1	95.2	95.2	95.2	95.3	95.3	95.4
GE 1000		61.9	69.3	82.9	88.1	90.0	92.4	94.6	94.8	96.0	96.1	96.1	96.1	96.2	96.2	96.3
GE 900		61.9	69.3	82.9	88.4	90.6	93.0	95.1	95.3	96.6	96.7	96.7	96.7	96.8	96.8	96.9
GE 800		62.0	69.4	83.0	88.6	90.8	93.2	95.4	95.7	96.9	97.0	97.0	97.0	97.1	97.1	97.2
GE 700		62.0	69.4	83.1	88.8	91.1	93.6	95.8	96.3	97.9	98.0	98.0	98.0	98.1	98.1	98.2
GE 600		62.0	69.4	83.1	88.8	91.1	93.6	95.9	96.6	98.2	98.3	98.3	98.3	98.4	98.4	98.6
GE 500		62.0	69.4	83.1	88.8	91.1	93.6	96.1	97.3	99.0	99.1	99.1	99.1	99.2	99.2	99.3
GE 400		62.0	69.4	83.1	88.9	91.2	93.7	96.2	97.4	99.1	99.2	99.2	99.2	99.3	99.4	99.6
GE 300		62.0	69.4	83.1	88.9	91.2	93.7	96.2	97.4	99.1	99.2	99.2	99.2	99.6	99.7	99.8
GE 200		62.0	69.4	83.1	88.9	91.2	93.7	96.2	97.4	99.1	99.2	99.2	99.2	99.6	99.7	99.8
GE 100		62.0	69.4	83.1	88.9	91.2	93.7	96.2	97.4	99.1	99.2	99.2	99.2	99.6	99.7	100.0
GE		62.0	69.4	83.1	88.9	91.2	93.7	96.2	97.4	99.1	99.2	99.2	99.2	99.6	99.7	100.0

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	1	36.1	39.6	46.2	49.0	49.9	52.8	53.4	53.4	54.3	54.3	54.4	54.4	54.4	54.9	54.9	54.9
GE	20000	38.3	42.2	50.2	53.0	53.9	57.0	57.7	57.8	58.9	58.9	59.1	59.1	59.6	59.6	59.6	59.6
GE	18000	38.6	42.4	50.4	53.2	54.1	57.2	57.9	58.0	59.1	59.1	59.3	59.3	59.8	59.8	59.8	59.8
GE	16000	38.6	42.4	50.4	53.2	54.1	57.2	57.9	58.0	59.1	59.1	59.3	59.3	59.8	59.8	59.8	59.8
GE	14000	38.6	42.4	50.4	53.2	54.1	57.2	57.9	58.0	59.1	59.1	59.3	59.3	59.8	59.8	59.8	59.8
GE	12000	38.9	42.9	50.9	53.7	54.6	57.7	58.3	58.4	59.6	59.6	59.8	59.8	60.2	60.2	60.2	60.2
GE	10000	41.1	45.3	54.0	56.8	57.7	60.8	61.4	61.6	62.7	62.7	62.9	62.9	63.3	63.3	63.3	63.3
GE	9000	41.7	45.9	54.6	57.3	58.4	61.7	62.3	62.4	63.6	63.6	63.8	63.8	64.2	64.2	64.2	64.2
GE	8000	45.6	49.9	59.9	63.1	64.2	67.8	68.6	68.8	69.9	69.9	70.1	70.1	70.6	70.6	70.6	70.6
GE	7000	46.7	51.1	61.6	64.8	65.9	69.4	70.2	70.4	71.6	71.6	71.8	71.8	72.2	72.2	72.2	72.2
GE	6000	46.7	51.1	61.6	64.8	65.9	69.4	70.2	70.4	71.6	71.6	71.8	71.8	72.2	72.2	72.2	72.2
GE	5000	48.4	52.9	63.6	66.8	67.9	71.4	72.2	72.4	73.7	73.7	73.9	73.9	74.3	74.3	74.3	74.3
GE	4500	48.4	52.9	63.6	67.0	68.1	71.7	72.4	72.7	73.9	73.9	74.1	74.1	74.6	74.6	74.6	74.6
GE	4000	53.2	58.3	69.7	73.1	74.2	77.8	78.8	79.0	80.2	80.2	80.4	80.4	80.9	80.9	80.9	80.9
GE	3500	55.3	60.6	72.7	76.1	77.2	80.8	81.9	82.1	83.3	83.3	83.6	83.6	84.0	84.0	84.0	84.0
GE	3000	59.3	64.9	77.8	81.8	82.9	86.7	87.8	88.0	89.7	89.7	89.9	89.9	90.3	90.3	90.3	90.3
GE	2500	59.7	65.2	79.2	83.3	84.4	88.2	89.3	89.6	91.2	91.2	91.4	91.4	91.9	91.9	91.9	91.9
GE	2000	60.4	66.1	80.3	84.4	85.6	89.3	91.0	91.2	92.9	92.9	93.1	93.1	93.6	93.6	93.6	93.6
GE	1800	60.6	66.2	80.4	84.6	85.7	89.4	91.1	91.3	93.0	93.0	93.2	93.2	93.7	93.7	93.7	93.7
GE	1500	60.8	66.7	81.3	85.7	86.8	90.6	92.2	92.4	94.1	94.1	94.3	94.3	94.8	94.8	94.8	94.8
GE	1200	60.8	66.8	81.6	86.0	87.1	90.9	92.6	92.8	94.4	94.4	94.7	94.7	95.1	95.1	95.1	95.1
GE	1000	60.9	66.9	82.1	86.6	87.7	91.4	93.2	93.4	95.2	95.2	95.4	95.4	95.9	95.9	95.9	95.9
GE	900	60.9	66.9	82.2	86.7	87.8	91.6	93.3	93.6	95.3	95.3	95.6	95.6	96.0	96.0	96.0	96.0
GE	800	60.9	67.0	82.9	87.3	88.4	92.2	94.1	94.3	96.3	96.3	96.6	96.6	97.0	97.0	97.0	97.0
GE	700	60.9	67.0	83.1	87.8	88.9	92.9	94.8	95.3	97.3	97.3	97.6	97.6	98.1	98.1	98.1	98.1
GE	600	60.9	67.0	83.1	87.8	88.9	92.9	95.2	95.8	97.8	97.8	98.0	98.0	98.1	98.6	98.6	98.6
GE	500	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.4	98.4	98.4	98.7	98.8	99.2	99.2	99.2	99.2
GE	400	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.4	98.4	98.4	98.7	98.8	99.2	99.2	99.2	99.2
GE	300	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.6	98.6	98.6	98.9	98.9	99.3	99.3	99.3	99.3
GE	200	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.6	98.6	98.6	98.9	98.9	99.4	99.4	99.4	99.4
GE	100	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.6	98.6	98.6	98.9	98.9	99.4	99.4	99.4	99.4
GE	70	60.9	67.0	83.1	87.9	89.1	93.1	95.4	96.6	98.6	98.6	98.9	98.9	99.4	99.4	99.4	99.4

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: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS: 1511: ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1	28.5	31.4	36.5	39.3	40.2	41.8	42.8	43.0	43.8	43.9	44.0	44.1	44.4	44.5	44.7	
GE 2000		33.6	37.0	43.2	46.3	47.3	49.2	50.3	50.6	51.5	51.6	51.8	51.9	52.2	52.3	52.5	52.5
GE 1800		33.8	37.2	43.4	46.6	47.5	49.4	50.5	50.9	51.7	51.8	52.0	52.2	52.4	52.5	52.7	52.7
GE 1600		33.8	37.2	43.4	46.6	47.6	49.4	50.6	50.9	51.7	51.9	52.0	52.2	52.4	52.6	52.8	52.8
GE 1400		34.0	37.3	43.6	46.7	47.7	49.6	50.7	51.0	51.9	52.0	52.2	52.3	52.6	52.7	52.9	52.9
GE 1200		34.4	37.8	44.1	47.3	48.3	50.1	51.2	51.6	52.4	52.6	52.7	52.9	53.1	53.3	53.5	53.5
GE 1000		36.6	40.3	47.0	50.2	51.2	53.1	54.2	54.6	55.5	55.6	55.8	55.9	56.2	56.3	56.5	56.5
GE 900		37.2	40.9	47.7	51.1	52.2	54.1	55.3	55.6	56.5	56.6	56.8	57.0	57.2	57.3	57.5	57.5
GE 800		40.6	44.6	52.3	56.0	57.2	59.4	60.6	61.0	61.9	62.1	62.3	62.4	62.7	62.8	63.0	63.0
GE 700		41.5	45.8	53.7	57.4	58.6	60.8	62.0	62.4	63.3	63.5	63.7	63.9	64.1	64.2	64.4	64.4
GE 600		41.6	45.9	53.8	57.5	58.7	60.9	62.1	62.5	63.4	63.6	63.8	63.9	64.2	64.3	64.5	64.5
GE 500		43.9	48.5	56.6	60.6	61.8	64.0	65.3	65.7	66.6	66.8	67.0	67.1	67.4	67.5	67.7	67.7
GE 450		44.3	48.9	57.1	61.2	62.4	64.7	66.0	66.4	67.4	67.5	67.7	67.9	68.1	68.2	68.4	68.4
GE 400		50.4	55.6	65.0	69.4	70.7	73.0	74.5	74.9	75.9	76.1	76.3	76.5	76.7	76.8	77.0	77.0
GE 350		53.3	58.7	68.5	73.6	74.3	76.6	78.1	78.6	79.6	79.7	79.9	80.1	80.4	80.5	80.7	80.7
GE 300		58.4	64.3	74.8	79.8	81.2	83.6	85.3	85.7	86.8	87.0	87.2	87.4	87.7	87.8	88.0	88.0
GE 250		59.2	65.2	76.1	81.2	82.6	85.1	86.8	87.2	88.4	88.5	88.7	88.9	89.2	89.3	89.5	89.5
GE 200		60.6	67.0	78.3	83.6	85.1	87.7	89.5	89.9	91.1	91.3	91.5	91.7	92.0	92.1	92.3	92.3
GE 180		60.7	67.0	78.3	83.7	85.2	87.7	89.5	90.7	91.2	91.4	91.6	91.8	92.0	92.2	92.4	92.4
GE 150		61.2	67.6	79.3	84.8	86.3	88.9	90.8	91.3	92.5	92.7	92.9	93.0	93.3	93.4	93.7	93.7
GE 120		61.5	68.2	80.2	85.8	87.4	90.2	92.1	92.6	93.9	94.1	94.3	94.5	94.8	94.9	95.1	95.1
GE 100		61.6	68.3	80.6	86.5	88.1	91.0	93.0	93.5	94.8	95.0	95.2	95.4	95.7	95.8	96.0	96.0
GE 90		61.7	68.4	80.8	86.8	88.4	91.4	93.5	94.0	95.3	95.5	95.7	95.9	96.2	96.3	96.5	96.5
GE 80		61.7	68.5	81.0	87.0	88.7	91.8	93.9	94.4	95.8	96.0	96.2	96.4	96.7	96.8	97.0	97.0
GE 70		61.8	68.6	81.2	87.5	89.2	92.3	94.5	95.1	96.6	96.8	97.0	97.2	97.5	97.6	97.8	97.8
GE 60		61.8	68.7	81.3	87.6	89.4	92.7	95.0	95.6	97.1	97.3	97.6	97.8	98.1	98.2	98.4	98.4
GE 50		61.9	68.7	81.4	87.7	89.5	92.9	95.4	96.3	98.0	98.2	98.4	98.6	98.9	99.1	99.3	99.3
GE 40		61.9	68.7	81.4	87.7	89.5	93.0	95.6	96.5	98.2	98.4	98.7	98.9	99.2	99.3	99.5	99.5
GE 30		61.9	68.7	81.4	87.7	89.5	93.0	95.6	96.5	98.3	98.5	98.7	99.0	99.3	99.5	99.7	99.7
GE 20		61.9	68.7	81.4	87.7	89.5	93.0	95.6	96.5	98.3	98.5	98.8	99.1	99.4	99.5	99.9	99.9
GE 10		61.9	68.7	81.4	87.7	89.5	93.0	95.6	96.5	98.3	98.5	98.8	99.1	99.4	99.5	100.0	100.0
GE		61.9	68.7	81.4	87.7	89.5	93.0	95.6	96.5	98.3	98.5	98.8	99.1	99.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(LST): 0000-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		160	90	90	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL			33.2	37.0	42.3	44.2	44.4	45.6	46.5	46.6	46.7	46.7	46.7	46.8	46.9	46.9	47.4
GE 20000			34.7	39.2	45.5	47.4	47.6	48.8	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.8
GE 18000			34.7	39.2	45.5	47.4	47.6	48.8	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.8
GE 16000			34.7	39.2	45.5	47.4	47.6	48.8	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.8
GE 14000			34.7	39.2	45.5	47.4	47.6	48.8	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.8
GE 12000			34.7	39.2	45.5	47.4	47.6	48.8	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.8
GE 10000			35.6	40.3	46.7	48.6	48.8	50.0	50.9	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.9
GE 9000			35.8	40.6	47.0	48.9	49.1	50.3	51.2	51.3	51.4	51.5	51.5	51.6	51.7	51.7	52.3
GE 8000			39.8	44.9	51.9	54.1	54.4	56.3	57.4	57.8	58.1	58.2	58.2	58.3	58.4	58.4	58.9
GE 7000			40.1	45.4	52.4	54.6	54.9	56.9	58.0	58.4	58.6	58.7	58.7	58.8	58.9	58.9	59.5
GE 6000			40.1	45.4	52.4	54.6	54.9	56.9	58.0	58.4	58.6	58.7	58.7	58.8	58.9	58.9	59.5
GE 5000			41.4	47.2	54.3	56.7	57.0	58.9	60.0	60.4	60.8	60.9	60.9	61.0	61.1	61.1	61.6
GE 4500			41.6	47.4	54.6	57.1	57.4	59.4	60.4	60.9	61.2	61.3	61.3	61.4	61.5	61.5	62.0
GE 4000			44.8	51.1	59.7	63.0	63.3	65.3	66.3	66.8	67.1	67.2	67.2	67.6	67.7	67.7	68.3
GE 3500			47.2	53.7	63.1	66.6	66.9	68.8	69.9	70.3	70.6	70.8	70.8	71.2	71.3	71.3	71.8
GE 3000			52.3	59.6	70.5	74.6	75.4	77.6	79.7	80.1	80.4	80.5	80.5	81.0	81.1	81.1	81.6
GE 2500			52.9	60.3	71.3	75.5	76.6	79.0	81.2	81.6	81.9	82.0	82.0	82.5	82.6	82.6	83.1
GE 2000			53.8	61.9	74.1	78.9	80.1	82.9	85.6	86.0	86.5	86.6	86.6	87.0	87.1	87.1	87.6
GE 1800			53.8	61.9	74.1	78.9	80.1	82.9	85.6	86.0	86.5	86.6	86.6	87.0	87.1	87.1	87.6
GE 1500			55.3	64.0	77.1	82.0	83.2	86.1	88.8	89.2	89.7	89.8	89.8	90.2	90.3	90.3	90.9
GE 1200			55.9	65.1	78.6	84.1	85.3	88.2	90.9	91.3	91.7	91.8	91.8	92.3	92.4	92.4	92.9
GE 1000			56.0	65.2	79.0	84.9	86.2	89.2	91.9	92.4	92.8	92.9	92.9	93.3	93.4	93.4	94.0
GE 900			56.0	65.2	79.0	84.9	86.3	89.4	92.3	92.7	93.1	93.2	93.2	93.7	93.8	93.8	94.3
GE 800			56.0	65.2	79.2	85.2	86.6	89.7	92.6	93.0	93.4	93.5	93.5	94.0	94.1	94.1	94.6
GE 700			56.1	65.3	79.6	85.7	87.2	90.5	93.9	94.8	95.3	95.4	95.4	95.8	95.9	95.9	96.5
GE 600			56.1	65.3	79.6	85.9	87.4	90.8	94.2	95.4	95.8	95.9	95.9	96.3	96.5	96.5	97.0
GE 500			56.1	65.3	79.6	86.2	87.7	91.3	94.7	96.1	96.6	96.8	96.8	97.2	97.3	97.3	97.8
GE 400			56.1	65.3	79.6	86.5	88.0	91.5	94.9	96.3	96.8	97.0	97.0	97.4	97.5	97.5	98.4
GE 300			56.1	65.3	79.6	86.6	88.1	91.6	95.1	96.5	96.9	97.1	97.1	97.5	97.6	97.6	98.5
GE 200			56.1	65.3	79.6	86.6	88.1	91.6	95.1	96.6	97.1	97.3	97.3	97.7	97.8	97.8	98.9
GE 100			56.1	65.3	79.6	86.6	88.1	91.6	95.1	96.6	97.1	97.3	97.3	97.7	98.0	98.1	99.5
GE 0			56.1	65.3	79.6	86.6	88.1	91.6	95.1	96.6	97.1	97.3	97.3	97.7	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF RENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 0300-0500

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS														
	GT 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		32.4	36.6	40.6	41.9	43.2	45.1	46.0	46.5	47.1	47.2	47.3	47.5	47.6	47.6	48.3
GE 20000		34.4	38.7	42.7	44.7	46.0	48.0	48.9	49.4	50.0	50.1	50.2	50.4	50.5	50.5	51.2
GE 18000		34.4	38.7	42.7	44.7	46.0	48.0	48.9	49.4	50.0	50.1	50.2	50.4	50.5	50.5	51.2
GE 16000		34.4	38.7	42.7	44.7	46.0	48.0	48.9	49.4	50.0	50.1	50.2	50.4	50.5	50.5	51.2
GE 14000		34.4	38.7	42.7	44.7	46.0	48.0	48.9	49.4	50.0	50.1	50.2	50.4	50.5	50.5	51.2
GE 12000		34.5	38.8	42.8	44.8	46.1	48.1	49.0	49.5	50.1	50.2	50.3	50.5	50.6	50.6	51.3
GE 10000		35.6	39.9	44.4	46.5	47.7	49.7	50.6	51.1	51.7	51.8	51.9	52.2	52.3	52.3	52.9
GE 9000		36.0	40.3	44.8	46.9	48.2	50.1	51.1	51.5	52.2	52.3	52.4	52.6	52.7	52.7	53.3
GE 8000		39.7	44.6	49.8	52.4	53.7	56.1	57.2	57.7	58.5	58.6	58.7	58.9	59.0	59.4	60.0
GE 7000		40.1	45.4	50.5	53.1	54.4	56.9	58.0	58.5	59.2	59.4	59.5	59.7	59.8	60.1	60.8
GE 6000		40.1	45.4	50.5	53.1	54.4	56.9	58.0	58.5	59.2	59.4	59.5	59.7	59.8	60.1	60.8
GE 5000		41.1	46.9	52.0	54.8	56.1	58.7	59.8	60.3	61.1	61.2	61.3	61.5	61.6	61.9	62.6
GE 4500		41.3	47.1	52.6	55.6	56.9	59.5	60.5	61.1	61.8	61.9	62.0	62.3	62.4	62.7	63.3
GE 4000		44.7	51.0	57.4	60.8	62.2	64.8	66.0	66.6	67.5	67.6	67.7	68.0	68.1	68.4	69.0
GE 3500		45.5	51.8	59.0	62.7	64.2	66.9	68.1	68.6	69.6	69.7	69.8	70.0	70.1	70.4	71.1
GE 3000		50.2	57.2	66.0	69.9	71.5	74.4	76.1	77.1	78.1	78.2	78.3	78.5	78.6	78.9	79.6
GE 2500		51.2	58.4	67.2	71.2	73.1	76.0	77.8	78.9	79.9	80.0	80.1	80.3	80.4	80.8	81.4
GE 2000		52.7	60.6	71.1	76.0	78.2	81.3	83.4	84.5	85.5	85.6	85.7	85.9	86.0	86.3	87.0
GE 1800		52.8	60.9	71.5	76.6	78.7	81.8	84.0	85.1	86.0	86.1	86.2	86.5	86.6	86.9	87.5
GE 1500		53.4	61.7	72.8	77.8	80.0	83.1	85.4	86.5	87.4	87.5	87.6	87.8	88.0	88.3	88.9
GE 1200		54.2	62.6	74.2	79.4	81.5	84.8	87.1	88.2	89.1	89.2	89.4	89.6	89.7	90.0	90.6
GE 1000		54.4	63.3	75.7	81.1	83.2	86.7	88.9	90.0	91.0	91.1	91.2	91.4	91.5	91.8	92.5
GE 900		54.4	63.4	75.9	81.4	83.9	87.3	89.6	90.9	91.8	91.9	92.0	92.3	92.4	92.7	93.3
GE 800		54.5	63.5	76.7	82.3	84.7	88.2	90.4	91.8	92.8	93.0	93.1	93.3	93.4	93.8	94.4
GE 700		54.5	63.5	76.8	82.4	84.8	88.7	91.0	92.5	93.4	93.7	93.8	94.0	94.1	94.4	95.1
GE 600		54.5	63.7	77.3	83.2	85.7	89.8	92.0	93.9	94.8	95.1	95.2	95.4	95.5	95.8	96.5
GE 500		54.5	63.7	77.3	83.8	86.2	90.4	92.8	94.6	95.6	96.0	96.1	96.3	96.5	96.8	97.4
GE 400		54.5	63.7	77.3	83.8	86.2	90.4	93.1	94.9	95.9	96.3	96.5	96.7	96.8	97.2	98.0
GE 300		54.5	63.7	77.3	83.8	86.2	90.4	93.1	95.1	96.0	96.5	96.6	96.8	96.9	97.3	98.1
GE 200		54.5	63.7	77.3	83.8	86.2	90.4	93.3	95.4	96.6	97.0	97.1	97.3	97.4	97.8	98.6
GE 100		54.5	63.7	77.3	83.8	86.2	90.4	93.3	95.4	96.7	97.1	97.2	97.4	97.5	98.0	99.0
GE		54.5	63.7	77.3	83.8	86.2	90.4	93.3	95.4	96.7	97.1	97.2	97.4	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(1ST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	I	22.4	25.5	28.9	31.0	31.1	32.6	33.1	33.4	33.8	33.9	34.0	34.2	34.3	34.4	34.8	
GE 20000	I	25.9	29.6	33.7	36.3	36.5	38.2	38.7	39.1	39.5	39.7	39.8	40.1	40.2	40.3	40.9	
GE 18000	I	26.0	29.7	33.8	36.5	36.6	38.3	38.8	39.2	39.6	39.8	39.9	40.2	40.3	40.4	41.0	
GE 16000	I	26.0	29.7	33.8	36.5	36.6	38.3	38.8	39.2	39.6	39.8	39.9	40.2	40.3	40.4	41.0	
GE 14000	I	26.0	29.7	33.8	36.5	36.6	38.3	38.8	39.2	39.6	39.8	39.9	40.2	40.3	40.4	41.0	
GE 12000	I	26.2	29.9	34.1	36.8	36.9	38.6	39.1	39.6	39.9	40.1	40.2	40.5	40.6	40.8	41.3	
GE 10000	I	29.0	32.7	37.1	40.0	40.2	41.9	42.5	42.9	43.3	43.5	43.7	44.0	44.1	44.2	44.7	
GE 9000	I	30.0	33.7	38.1	41.0	41.4	43.2	43.8	44.2	44.6	44.8	44.9	45.3	45.4	45.5	46.0	
GE 8000	I	33.9	37.8	43.3	46.2	47.1	49.4	50.2	50.6	51.5	51.9	52.2	52.6	52.8	52.9	53.5	
GE 7000	I	34.4	38.5	44.1	47.1	47.6	50.2	51.1	51.5	52.4	52.8	53.0	53.4	53.7	53.8	54.4	
GE 6000	I	34.7	38.8	44.5	47.5	48.4	51.6	51.5	51.9	52.8	53.2	53.4	53.9	54.1	54.2	54.8	
GE 5000	I	36.5	40.8	46.8	50.1	51.2	53.8	54.6	55.1	55.9	56.3	56.6	57.0	57.2	57.3	58.0	
GE 4500	I	37.0	41.3	47.4	51.1	52.2	54.7	55.6	56.0	56.9	57.3	57.5	58.0	58.2	58.3	58.9	
GE 4000	I	41.8	46.7	53.8	57.7	58.9	61.5	62.4	62.9	63.6	64.3	64.5	64.9	65.2	65.3	65.9	
GE 3500	I	43.7	48.8	56.7	61.1	62.6	65.5	66.5	67.0	68.0	68.5	68.7	69.1	69.4	69.5	70.1	
GE 3000	I	48.4	54.4	63.3	68.1	69.6	72.5	73.4	74.1	75.4	76.1	76.3	76.9	77.1	77.2	77.8	
GE 2500	I	49.1	55.2	64.2	69.6	71.2	74.1	75.2	75.8	77.1	77.8	78.1	78.6	78.8	78.9	79.6	
GE 2000	I	50.9	57.2	67.0	72.9	74.6	77.5	78.8	79.5	80.9	81.7	82.0	82.6	82.8	82.9	83.5	
GE 1800	I	50.9	57.2	67.1	73.0	74.7	77.7	79.1	79.9	81.3	82.2	82.5	83.0	83.2	83.3	84.0	
GE 1600	I	51.2	57.8	68.2	74.4	76.2	79.5	80.9	81.6	83.0	83.9	84.2	84.7	84.9	85.1	85.7	
GE 1200	I	51.6	58.3	69.1	75.6	77.5	81.2	83.1	83.9	85.3	86.2	86.8	87.3	87.5	87.6	88.3	
GE 1000	I	51.7	58.4	70.0	76.7	78.7	82.6	84.6	85.4	86.8	87.8	88.4	88.9	89.2	89.4	90.0	
GE 900	I	52.2	58.8	70.4	77.4	79.6	83.4	85.5	86.2	87.6	88.7	89.2	89.8	90.1	90.2	90.9	
GE 800	I	52.5	59.2	71.1	78.6	81.1	85.1	87.2	88.0	89.4	90.5	91.1	91.6	91.9	92.0	92.7	
GE 700	I	52.5	59.4	71.3	78.8	81.4	85.5	87.8	88.7	90.2	91.4	91.9	92.5	92.8	92.9	93.5	
GE 600	I	52.5	59.4	71.5	79.1	81.8	85.9	88.4	89.4	90.9	92.3	92.8	93.3	93.7	93.8	94.4	
GE 500	I	52.5	59.4	71.6	80.0	82.9	87.2	90.0	91.1	92.6	94.3	94.8	95.4	95.7	95.8	96.5	
GE 400	I	52.5	59.4	71.6	80.0	83.0	87.5	90.5	91.8	93.5	95.1	95.6	96.1	96.5	96.6	97.2	
GE 300	I	52.5	59.4	71.6	80.0	83.0	87.5	90.5	91.9	93.8	95.4	96.1	96.8	97.1	97.2	97.8	
GE 200	I	52.5	59.4	71.6	80.0	83.0	87.5	90.5	91.9	93.8	95.5	96.3	97.0	97.4	97.6	98.5	
GE 100	I	52.5	59.4	71.6	80.0	83.0	87.5	90.5	91.9	93.9	95.6	96.5	97.2	97.6	97.8	99.4	
GE 0	I	52.5	59.4	71.6	80.0	83.0	87.5	90.5	91.9	93.9	95.6	96.5	97.2	97.6	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(LST): 0900-1400

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		23.8	25.1	28.1	30.1	30.2	31.3	31.4	31.7	31.8	31.9	32.0	32.0	32.2	32.2	32.2
GE 2000		31.3	32.8	36.9	39.4	39.6	41.0	41.6	41.9	42.0	42.2	42.3	42.3	42.4	42.4	42.4
GE 1800		31.4	32.9	37.1	39.6	39.8	41.2	41.8	42.2	42.3	42.4	42.5	42.5	42.6	42.6	42.6
GE 1600		31.4	32.9	37.1	39.6	39.8	41.2	41.8	42.2	42.3	42.4	42.5	42.5	42.6	42.6	42.6
GE 1400		31.4	32.9	37.2	39.7	39.9	41.3	41.9	42.3	42.4	42.5	42.6	42.6	42.7	42.7	42.7
GE 1200		31.6	33.1	37.4	39.9	40.1	41.5	42.2	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9
GE 1000		34.0	35.9	41.2	43.9	44.1	45.5	46.1	46.5	46.6	46.7	46.8	46.8	46.9	46.9	46.9
GE 900		35.6	37.7	43.0	45.7	45.9	47.3	48.0	48.3	48.4	48.5	48.6	48.6	48.7	48.7	48.7
GE 800		40.3	42.6	48.7	51.8	52.0	53.5	54.4	54.7	54.9	55.2	55.4	55.4	55.6	55.6	55.6
GE 700		41.1	43.5	49.8	52.9	53.3	55.1	55.9	56.2	56.5	56.7	56.9	56.9	57.1	57.1	57.1
GE 600		41.3	43.8	50.0	53.1	53.5	55.3	56.1	56.5	56.7	56.9	57.1	57.1	57.3	57.3	57.3
GE 500		42.5	45.5	51.7	55.2	55.6	57.3	58.2	58.5	58.7	58.9	59.1	59.1	59.4	59.4	59.4
GE 450		42.7	45.7	52.0	55.6	56.1	57.8	58.7	59.0	59.4	59.6	59.8	59.8	60.0	60.0	60.0
GE 400		47.1	50.3	56.9	61.3	62.2	63.9	64.8	65.2	65.5	65.7	65.9	65.9	66.1	66.1	66.1
GE 350		48.9	52.3	60.1	64.8	65.7	67.5	68.5	68.8	69.1	69.4	69.6	69.6	69.8	69.8	69.8
GE 300		56.3	60.9	69.5	74.3	75.2	77.2	78.4	78.7	79.4	79.6	79.9	79.9	80.1	80.1	80.1
GE 250		57.1	61.8	70.8	75.8	76.8	78.8	80.0	80.3	81.0	81.2	81.5	81.5	81.7	81.7	81.7
GE 200		59.2	64.2	73.9	79.4	80.3	82.8	84.1	84.5	85.3	85.5	85.8	85.8	86.0	86.0	86.0
GE 180		59.5	64.4	74.1	79.7	80.6	83.2	84.6	85.1	85.8	86.0	86.3	86.3	86.6	86.6	86.6
GE 150		60.4	65.8	75.6	81.2	82.5	85.1	86.5	86.9	87.6	87.8	88.2	88.2	88.4	88.4	88.4
GE 120		61.5	66.9	77.2	83.2	84.9	87.7	89.4	89.8	90.5	90.8	91.1	91.1	91.3	91.3	91.3
GE 100		61.8	67.2	78.0	84.2	86.0	88.9	91.3	91.8	92.6	92.8	93.1	93.1	93.3	93.3	93.3
GE 90		62.0	67.4	78.5	84.9	86.8	90.0	92.5	93.0	93.8	94.1	94.4	94.4	94.6	94.6	94.6
GE 80		62.3	67.6	78.8	85.7	87.5	90.8	93.3	94.0	94.7	95.1	95.4	95.4	95.6	95.6	95.6
GE 70		62.3	67.6	79.0	86.1	88.0	91.2	93.8	94.4	95.2	95.5	95.8	95.8	96.0	96.0	96.0
GE 60		62.3	67.6	79.1	86.5	88.3	91.5	94.1	94.7	95.6	95.9	96.2	96.2	96.5	96.5	96.5
GE 50		62.3	67.7	79.4	87.1	88.9	92.3	94.8	95.5	96.6	97.1	97.5	97.6	97.8	97.8	97.8
GE 40		62.3	67.7	79.5	87.2	89.1	92.6	95.4	96.0	97.1	98.0	98.6	98.8	99.0	99.0	99.0
GE 30		62.3	67.7	79.5	87.2	89.1	92.6	95.4	96.0	97.2	98.2	98.8	99.0	99.4	99.4	99.4
GE 20		62.3	67.7	79.5	87.2	89.1	92.6	95.4	96.0	97.2	98.3	98.9	99.1	99.7	99.7	99.8
GE 10		62.3	67.7	79.5	87.2	89.1	92.6	95.4	96.0	97.2	98.3	98.9	99.1	99.7	99.7	99.9
GE 0		62.3	67.7	79.5	87.2	89.1	92.6	95.4	96.0	97.2	98.3	98.9	99.1	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: OCT

HOURS(SLT): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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		71.8	23.3	27.1	27.6	27.8	28.3	29.4	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000		31.3	33.1	38.2	38.8	39.0	39.6	39.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 18000		31.5	33.3	38.4	39.0	39.2	39.8	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000		31.5	33.3	38.4	39.0	39.2	39.8	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000		31.7	33.5	38.6	39.2	39.5	40.0	40.3	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000		31.9	33.8	38.9	39.6	39.6	40.3	40.6	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 10000		34.2	36.1	41.6	42.4	42.6	43.1	43.5	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 9000		34.9	36.9	42.4	43.1	43.3	43.9	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000		39.4	41.7	47.7	48.8	49.0	50.1	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 7000		39.8	42.2	48.2	49.4	49.6	50.6	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 6000		40.1	42.5	48.5	49.7	49.9	51.0	51.7	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 5000		40.9	43.4	49.6	50.8	51.0	52.0	52.8	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 4500		41.7	44.3	50.6	51.9	52.4	53.5	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4000		47.6	50.5	57.4	59.7	60.3	61.5	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3500		50.5	53.7	61.2	63.8	64.7	65.9	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3000		61.8	65.7	74.1	77.4	78.4	79.7	81.0	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500		62.7	66.6	75.1	78.6	79.7	81.0	82.5	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000		65.5	69.7	78.5	82.4	83.4	85.2	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800		65.6	69.8	78.6	82.5	83.5	85.3	86.8	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500		67.4	71.5	81.3	85.5	86.7	88.5	90.0	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200		68.1	72.7	82.4	86.9	88.1	90.2	91.9	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000		68.6	73.5	83.5	88.4	89.8	92.3	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900		68.9	73.8	84.1	88.9	90.3	92.8	94.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800		68.9	73.8	84.1	89.1	90.5	93.1	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700		69.0	74.0	84.7	90.0	91.4	94.0	95.7	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600		69.1	74.1	85.1	90.6	92.0	94.7	96.6	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500		69.1	74.2	85.2	90.6	92.2	94.8	96.7	97.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		69.1	74.2	85.2	91.0	92.4	95.2	97.2	97.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300		69.1	74.2	85.2	91.0	92.4	95.2	97.2	97.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200		69.1	74.2	85.2	91.0	92.4	95.2	97.2	97.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100		69.1	74.2	85.2	91.0	92.4	95.2	97.2	97.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 0		69.1	74.2	85.2	91.0	92.4	95.2	97.2	97.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM POORLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(1ST): 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 C
NO CEIL		25.1	26.1	28.6	29.6	29.6	29.8	30.4	30.4	30.5	30.6	30.6	30.6	30.6	30.6	30.6
GE 20000		33.5	35.4	39.1	40.3	40.3	40.8	41.4	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8
GE 18000		33.5	35.4	39.2	40.4	40.4	40.9	41.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 16000		33.5	35.4	39.2	40.4	40.4	40.9	41.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000		33.5	35.4	39.2	40.4	40.4	40.9	41.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 12000		33.7	35.5	39.5	40.6	40.6	41.1	41.7	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000		35.3	37.4	41.6	42.9	42.9	43.5	44.3	44.4	45.1	45.2	45.2	45.2	45.2	45.2	45.2
GE 9000		35.9	38.3	42.6	43.9	44.0	44.7	45.5	45.6	46.2	46.3	46.3	46.3	46.3	46.3	46.3
GE 8000		40.0	43.1	47.8	49.7	49.9	51.1	51.9	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8
GE 7000		41.2	44.3	49.0	50.9	51.1	52.4	53.3	53.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000		41.2	44.4	49.2	51.1	51.3	52.6	53.5	53.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000		42.5	45.8	50.6	52.6	52.9	54.2	55.2	55.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 4500		43.3	46.8	51.8	53.9	54.6	55.9	57.0	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 4000		49.5	53.1	58.6	61.8	62.6	64.0	65.1	65.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 3500		52.8	57.1	62.7	66.3	67.1	68.5	69.6	69.9	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000		61.8	66.5	73.2	77.6	78.6	80.3	81.4	81.7	82.6	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500		63.0	67.7	74.8	79.6	80.5	82.3	83.3	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000		64.3	69.0	77.1	82.4	83.5	85.7	86.9	87.2	88.1	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800		64.3	69.0	77.2	82.5	83.7	85.8	87.0	87.3	88.2	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500		64.7	69.5	78.8	84.1	85.4	87.6	88.8	89.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200		65.2	69.9	80.0	85.8	87.1	89.5	90.6	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000		65.6	70.3	80.6	86.9	88.3	90.9	92.0	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 900		65.7	70.4	80.9	87.1	88.5	91.2	93.0	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 800		65.8	70.6	81.3	87.6	89.0	91.8	93.7	94.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 700		65.9	70.8	81.8	88.4	89.9	92.8	94.6	95.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 600		65.9	70.8	81.8	88.8	90.4	93.7	95.8	96.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 500		66.0	71.0	82.3	89.4	91.0	94.4	96.8	97.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4
GE 400		66.0	71.0	82.3	89.5	91.1	94.5	97.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 300		66.0	71.0	82.3	89.5	91.1	94.5	97.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 200		66.0	71.0	82.3	89.5	91.1	94.5	97.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 100		66.0	71.0	82.3	89.5	91.1	94.5	97.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	100.0
GE C		66.0	71.0	82.3	89.5	91.1	94.5	97.0	97.7	99.2	99.5	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 1800-2000

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS														
	GT 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		30.8	34.2	36.9	38.1	38.4	39.5	39.8	40.1	40.2	40.8	40.9	41.0	41.2	41.2	41.4
GE 20000		35.1	39.5	42.9	44.5	44.8	45.9	46.2	46.7	46.8	47.3	47.4	47.5	47.7	47.7	48.0
GE 18000		35.6	40.0	43.4	45.1	45.4	46.5	46.8	47.2	47.3	47.8	48.0	48.1	48.3	48.3	48.5
GE 16000		35.6	40.0	43.4	45.1	45.4	46.5	46.8	47.2	47.3	47.8	48.0	48.1	48.3	48.3	48.5
GE 14000		35.6	40.0	43.4	45.1	45.4	46.5	46.8	47.2	47.3	47.8	48.0	48.1	48.3	48.3	48.5
GE 12000		35.7	40.1	43.5	45.2	45.5	46.6	46.9	47.3	47.4	48.0	48.1	48.2	48.4	48.4	48.6
GE 10000		37.1	41.8	45.6	47.2	47.5	48.9	49.2	49.8	49.9	50.4	50.5	50.6	50.9	50.9	51.2
GE 9000		38.1	42.6	46.6	48.2	48.5	49.9	50.2	50.8	50.9	51.4	51.5	51.6	51.8	51.8	52.2
GE 8000		41.4	46.7	51.5	53.1	53.4	55.1	55.5	56.0	56.1	56.7	56.8	56.9	57.1	57.1	57.4
GE 7000		41.9	47.2	52.0	53.7	54.0	55.6	56.0	56.6	56.7	57.2	57.3	57.4	57.6	57.6	58.0
GE 6000		41.9	47.2	52.0	53.7	54.0	55.6	56.0	56.6	56.7	57.2	57.3	57.4	57.6	57.6	58.0
GE 5000		43.9	49.1	54.2	55.9	56.2	57.8	58.3	58.8	58.9	59.5	59.6	59.7	59.9	59.9	60.2
GE 4500		44.1	49.4	54.4	56.5	56.8	58.5	58.9	59.5	59.6	60.1	60.2	60.3	60.5	60.5	60.9
GE 4000		49.4	54.9	60.5	62.9	63.3	65.1	65.7	66.5	67.1	67.6	67.7	67.8	68.1	68.1	68.4
GE 3500		50.8	57.0	63.1	66.1	66.7	68.4	69.0	69.9	70.6	71.2	71.3	71.4	71.6	71.6	71.9
GE 3000		57.2	64.0	71.7	75.7	76.8	78.8	79.6	80.6	81.4	81.9	82.0	82.2	82.4	82.4	82.7
GE 2500		58.5	65.4	73.2	77.5	78.6	80.6	81.4	82.5	83.2	83.8	83.9	84.0	84.2	84.2	84.5
GE 2000		59.2	66.3	74.5	79.4	80.4	82.7	83.8	84.8	85.6	86.1	86.2	86.3	86.6	86.6	86.9
GE 1800		59.2	66.3	74.5	79.5	80.5	82.8	83.9	84.9	85.7	86.2	86.3	86.5	86.7	86.7	87.0
GE 1600		59.8	66.9	75.6	81.0	82.5	85.1	86.3	87.4	88.2	88.7	88.8	88.9	89.1	89.1	89.5
GE 1200		60.1	67.3	76.7	82.5	84.0	86.9	88.3	89.4	90.1	90.6	90.8	90.9	91.1	91.1	91.4
GE 1000		60.8	68.0	77.7	83.7	85.3	88.2	89.6	90.6	91.4	91.9	92.0	92.2	92.4	92.4	92.7
GE 900		60.8	68.0	77.7	83.7	85.3	88.4	89.9	91.0	91.7	92.3	92.5	92.6	93.0	93.0	93.3
GE 800		60.8	68.0	78.2	84.1	85.8	88.9	90.4	91.5	92.6	93.1	93.3	93.4	93.9	93.9	94.2
GE 700		61.3	68.6	78.8	85.1	86.9	90.1	91.6	93.0	94.1	94.6	94.8	94.9	95.4	95.4	95.7
GE 600		61.3	68.6	79.4	85.9	87.7	91.3	93.1	94.5	95.9	96.5	96.9	97.0	97.4	97.4	97.7
GE 500		61.4	68.7	79.6	86.1	88.0	92.0	94.2	95.7	97.1	97.6	98.3	98.4	98.8	98.8	99.1
GE 400		61.4	68.7	79.6	86.5	88.3	92.4	94.5	96.0	97.4	98.0	98.6	98.7	99.1	99.1	99.5
GE 300		61.4	68.7	79.6	86.5	88.3	92.4	94.5	96.0	97.5	98.1	98.8	98.9	99.6	99.6	100.0
GE 200		61.4	68.7	79.6	86.5	88.3	92.4	94.5	96.0	97.5	98.1	98.8	98.9	99.6	99.6	100.0
GE 100		61.4	68.7	79.6	86.5	88.3	92.4	94.5	96.0	97.5	98.1	98.8	98.9	99.6	99.6	100.0
GE 0		61.4	68.7	79.6	86.5	88.3	92.4	94.5	96.0	97.5	98.1	98.8	98.9	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 21.0-23.00

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	1	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	C
NO CEIL	1		34.2	37.3	41.0	43.1	43.6	44.4	45.2	45.4	46.0	46.3	46.3	46.3	46.8	47.1	47.6
GE 20000			36.5	40.3	44.5	46.7	47.3	48.0	48.7	49.2	49.9	50.2	50.2	50.2	50.6	51.0	51.5
GE 18000			36.7	40.5	44.7	46.9	47.5	48.2	48.9	49.5	50.1	50.4	50.4	50.4	50.9	51.2	51.7
GE 16000			36.7	40.5	44.7	46.9	47.5	48.2	48.9	49.5	50.1	50.4	50.4	50.4	50.9	51.2	51.7
GE 14000			36.8	40.6	44.8	47.0	47.6	48.3	49.0	49.6	50.2	50.5	50.5	50.5	51.0	51.3	51.8
GE 12000			36.9	40.8	45.1	47.2	47.8	48.5	49.2	49.8	50.4	50.8	50.8	50.8	51.2	51.5	52.0
GE 10000			38.6	42.8	47.2	49.4	50.0	50.6	51.5	52.2	52.8	53.2	53.2	53.2	53.8	54.1	54.6
GE 9000			39.2	43.7	48.1	50.2	50.9	51.5	52.4	53.0	53.7	54.1	54.1	54.1	54.6	54.9	55.5
GE 8000			43.7	48.4	53.7	56.2	57.1	58.0	59.5	60.1	60.8	61.2	61.2	61.2	61.7	62.0	62.6
GE 7000			44.3	49.0	54.3	57.0	57.6	58.7	60.4	61.1	61.7	62.2	62.2	62.2	62.7	63.0	63.5
GE 6000			44.3	49.0	54.3	57.0	57.6	58.7	60.4	61.1	61.7	62.2	62.2	62.2	62.7	63.0	63.5
GE 5000			45.2	49.9	55.6	58.3	59.1	60.0	61.7	62.4	63.0	63.4	63.4	63.4	64.0	64.3	64.8
GE 4500			45.4	50.1	55.9	58.9	59.8	60.6	62.4	63.0	63.7	64.1	64.1	64.1	64.6	64.9	65.5
GE 4000			48.3	53.5	60.5	64.4	65.3	66.2	68.1	68.7	69.4	70.0	70.0	70.0	70.5	70.9	71.4
GE 3500			49.8	55.3	63.2	67.2	68.1	69.0	70.9	71.5	72.2	72.8	72.8	72.8	73.3	73.7	74.2
GE 3000			55.8	61.8	70.8	75.1	76.5	77.5	79.6	80.4	81.1	81.7	81.7	81.7	82.3	82.6	83.1
GE 2500			56.5	62.7	71.7	76.1	77.7	78.9	81.1	81.9	82.6	83.2	83.2	83.2	83.8	84.1	84.6
GE 2000			57.2	64.0	74.0	78.6	80.3	81.7	84.1	84.9	85.7	86.3	86.3	86.3	86.9	87.2	87.7
GE 1800			57.2	64.0	74.0	78.6	80.3	81.7	84.2	85.1	85.8	86.5	86.5	86.5	87.0	87.3	87.8
GE 1600			58.4	65.3	75.5	80.2	82.2	83.9	86.3	87.3	88.1	88.7	88.7	88.7	89.2	89.6	90.1
GE 1400			58.6	65.6	76.5	81.4	83.3	85.3	87.8	88.8	89.6	90.2	90.2	90.2	90.8	91.1	91.6
GE 1000			58.9	65.9	77.1	82.4	84.3	86.3	88.9	90.0	90.8	91.4	91.4	91.4	91.9	92.3	92.8
GE 900			59.0	66.0	77.2	82.6	84.6	86.9	89.5	90.5	91.3	91.9	91.9	91.9	92.5	92.8	93.3
GE 800			59.0	66.0	77.2	82.6	84.6	87.1	89.8	91.0	91.7	92.4	92.4	92.4	92.9	93.2	93.8
GE 700			59.1	66.1	77.6	83.1	85.5	88.2	91.0	92.7	93.5	94.2	94.2	94.2	94.7	95.1	95.6
GE 600			59.1	66.1	77.8	83.3	85.7	88.4	91.7	93.4	94.3	94.9	94.9	94.9	95.5	95.8	96.3
GE 500			59.1	66.2	78.3	83.9	86.3	89.8	93.3	95.1	95.9	96.6	96.6	96.6	97.1	97.4	98.0
GE 400			59.1	66.2	78.3	84.2	86.9	90.3	93.9	95.6	96.5	97.1	97.2	97.3	98.0	98.3	98.9
GE 300			59.1	66.3	78.5	84.6	87.3	91.0	94.5	96.2	97.1	97.7	97.8	98.0	98.6	98.9	99.7
GE 200			59.1	66.3	78.5	84.6	87.3	91.0	94.5	96.2	97.1	97.7	97.8	98.0	98.6	98.9	99.9
GE 100			59.1	66.3	78.5	84.6	87.3	91.0	94.5	96.2	97.1	97.7	97.8	98.0	98.6	98.9	100.0
GE -1			59.1	66.3	78.5	84.6	87.3	91.0	94.5	96.2	97.1	97.7	97.8	98.0	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		27.9	30.6	34.1	35.7	36.1	37.1	37.6	37.8	38.1	38.3	38.3	38.4	38.5	38.6	38.9	
GE 20000		32.8	36.1	40.4	42.3	42.6	43.8	44.4	44.7	45.0	45.2	45.2	45.3	45.5	45.5	45.8	
GE 18000		33.0	36.2	40.6	42.4	42.8	43.9	44.6	44.9	45.2	45.4	45.4	45.5	45.6	45.7	46.0	
GE 16000		33.0	36.2	40.6	42.4	42.8	43.9	44.6	44.9	45.2	45.4	45.4	45.5	45.6	45.7	46.0	
GE 14000		33.0	36.3	40.7	42.5	42.9	44.0	44.6	44.9	45.2	45.4	45.5	45.6	45.7	45.8	46.1	
GE 12000		33.2	36.4	40.8	42.7	43.1	44.2	44.8	45.1	45.4	45.6	45.7	45.8	45.9	45.9	46.3	
GE 10000		34.9	38.4	43.2	45.1	45.5	46.7	47.3	47.7	48.0	48.2	48.3	48.4	48.5	48.6	48.9	
GE 9000		35.7	39.2	44.1	46.0	46.4	47.6	48.3	48.6	49.0	49.2	49.2	49.3	49.5	49.5	49.9	
GE 8000		39.8	43.7	49.3	51.5	52.1	53.7	54.6	55.0	55.5	55.7	55.8	55.9	56.1	56.2	56.5	
GE 7000		40.4	44.4	50.0	52.3	52.9	54.5	55.5	55.9	56.4	56.6	56.7	56.8	57.0	57.1	57.4	
GE 6000		40.5	44.6	50.2	52.5	53.0	54.7	55.7	56.1	56.5	56.8	56.8	56.9	57.1	57.2	57.6	
GE 5000		41.7	46.1	51.9	54.3	54.9	56.6	57.6	58.0	58.4	58.7	58.8	58.9	59.0	59.1	59.5	
GE 4500		42.1	46.5	52.4	55.1	55.8	57.5	58.5	58.9	59.4	59.7	59.7	59.8	60.0	60.1	60.4	
GE 4000		46.7	51.4	58.1	61.5	62.3	64.0	65.1	65.6	66.2	66.5	66.5	66.7	66.9	66.9	67.3	
GE 3500		48.6	53.7	61.1	64.8	65.7	67.6	68.7	69.2	69.8	70.0	70.1	70.3	70.4	70.5	70.9	
GE 3000		55.5	61.3	69.9	74.1	75.2	77.3	78.6	79.2	80.0	80.3	80.4	80.6	80.8	80.8	81.2	
GE 2500		56.4	62.3	71.0	75.5	76.8	78.8	80.3	80.9	81.7	82.0	82.1	82.3	82.4	82.5	82.9	
GE 2000		57.8	64.1	73.6	78.7	80.1	82.5	84.2	84.8	85.6	85.9	86.0	86.2	86.4	86.5	86.8	
GE 1800		57.9	64.2	73.9	78.9	80.3	82.7	84.4	85.0	85.8	86.2	86.3	86.5	86.6	86.7	87.1	
GE 1500		58.8	65.4	75.6	80.8	82.3	84.9	86.6	87.3	88.1	88.4	88.5	88.7	88.9	89.0	89.3	
GE 1200		59.4	66.0	76.8	82.4	84.0	86.7	88.6	89.3	90.1	90.5	90.6	90.8	90.9	91.0	91.4	
GE 1000		59.8	66.5	77.7	83.5	85.2	88.1	90.2	90.8	91.7	92.0	92.2	92.3	92.5	92.6	92.9	
GE 900		59.9	66.6	78.0	83.9	85.7	88.7	90.8	91.5	92.4	92.8	92.9	93.1	93.3	93.4	93.7	
GE 800		60.0	66.7	78.3	84.4	86.2	89.3	91.5	92.3	93.2	93.6	93.8	93.9	94.2	94.2	94.6	
GE 700		60.1	66.9	78.7	84.9	86.9	90.1	92.4	93.4	94.4	94.8	94.9	95.1	95.3	95.4	95.7	
GE 600		60.1	66.9	79.0	85.4	87.4	90.8	93.2	94.4	95.5	95.9	96.1	96.3	96.5	96.6	96.9	
GE 500		60.1	67.0	79.1	85.9	87.9	91.5	94.2	95.4	96.5	97.1	97.3	97.5	97.7	97.8	98.1	
GE 400		60.1	67.0	79.2	86.1	88.1	91.8	94.6	95.8	97.0	97.6	97.8	98.1	98.3	98.4	98.8	
GE 300		60.1	67.0	79.2	86.1	88.2	91.9	94.7	95.9	97.2	97.8	98.1	98.3	98.6	98.7	99.1	
GE 200		60.1	67.0	79.2	86.1	88.2	91.9	94.7	96.0	97.3	97.9	98.2	98.5	98.8	98.9	99.4	
GE 100		60.1	67.1	79.2	86.1	88.2	91.9	94.7	96.0	97.3	97.9	98.2	98.5	98.9	99.0	99.7	
GE 0		60.1	67.0	79.2	86.1	88.2	91.9	94.7	96.0	97.3	97.9	98.2	98.5	98.9	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: NOV

HOURS(IST): 0000-0100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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	I	27.6	29.5	33.8	35.4	35.6	36.3	36.8	37.4	37.8	38.0	38.3	38.4	38.9	39.1	39.8	
GE 2000	I	29.7	31.9	36.5	38.2	38.4	39.1	39.9	40.4	40.9	41.0	41.3	41.4	41.9	42.1	42.9	
GE 1800	I	30.0	32.1	36.7	38.4	38.6	39.3	40.1	40.7	41.1	41.2	41.6	41.7	42.1	42.3	43.1	
GE 1600	I	30.0	32.1	36.7	38.4	38.6	39.3	40.1	40.7	41.1	41.2	41.6	41.7	42.1	42.3	43.1	
GE 1400	I	30.0	32.1	36.7	38.4	38.6	39.3	40.1	40.7	41.1	41.2	41.6	41.7	42.1	42.3	43.1	
GE 1200	I	30.0	32.1	36.9	38.6	38.9	39.5	40.3	40.9	41.3	41.4	41.8	41.9	42.3	42.6	43.4	
GE 1000	I	31.3	33.7	38.9	40.5	40.8	41.4	42.2	42.8	43.2	43.4	43.7	43.8	44.3	44.5	45.3	
GE 900	I	31.5	34.5	40.0	41.7	41.9	42.6	43.4	43.9	44.4	44.5	44.8	44.9	45.4	45.6	46.4	
GE 800	I	34.6	37.5	44.0	45.7	45.9	46.7	47.5	48.1	48.5	48.6	49.0	49.1	49.5	49.8	50.6	
GE 700	I	35.0	38.0	44.8	46.5	46.7	47.5	48.6	49.2	49.7	49.8	50.1	50.2	50.7	50.9	51.7	
GE 600	I	35.0	38.0	44.6	46.5	46.7	47.5	48.6	49.2	49.7	49.8	50.1	50.2	50.7	50.9	51.7	
GE 500	I	36.6	39.8	47.4	49.4	49.7	50.5	51.6	52.1	52.6	52.7	53.0	53.2	53.6	53.8	54.6	
GE 450	I	37.4	40.7	48.6	50.6	50.8	51.9	53.0	53.6	54.1	54.2	54.5	54.6	55.1	55.3	56.1	
GE 400	I	42.5	46.8	55.7	58.2	58.4	59.9	61.0	61.6	62.0	62.2	62.5	62.6	63.1	63.3	64.1	
GE 350	I	44.1	48.6	58.1	60.6	60.8	62.4	63.5	64.1	64.5	64.6	65.0	65.1	65.5	65.8	66.6	
GE 300	I	50.6	56.0	66.4	69.4	69.7	71.4	72.5	73.2	73.8	73.9	74.2	74.3	74.8	75.0	75.8	
GE 250	I	51.0	56.4	67.1	70.3	70.6	72.3	73.4	74.1	74.7	74.8	75.1	75.2	75.7	75.9	76.7	
GE 200	I	54.5	60.4	72.1	75.6	76.1	78.0	79.3	80.1	80.9	81.0	81.3	81.4	81.9	82.1	82.9	
GE 180	I	54.7	60.6	72.5	76.0	76.6	78.5	79.7	80.5	81.3	81.4	81.8	81.9	82.3	82.5	83.3	
GE 150	I	56.4	62.4	74.4	78.7	79.5	81.6	83.0	83.8	84.6	84.7	85.0	85.1	85.6	85.8	86.6	
GE 120	I	57.0	63.1	76.0	80.4	81.2	83.3	85.0	86.0	86.9	87.0	87.4	87.5	88.0	88.2	89.0	
GE 100	I	57.1	63.4	76.7	81.1	82.0	84.5	86.5	87.5	88.4	88.5	89.5	89.9	89.9	90.4	91.4	
GE 90	I	57.2	63.5	77.6	82.1	83.0	85.5	87.5	88.5	89.4	89.5	89.9	90.0	90.4	90.7	91.4	
GE 80	I	57.3	63.7	78.0	83.0	83.9	86.7	88.7	89.8	90.7	90.8	91.1	91.2	91.7	91.9	92.7	
GE 70	I	57.4	64.1	78.5	83.6	84.5	87.3	89.3	90.3	91.3	91.4	91.8	91.9	92.3	92.6	93.4	
GE 60	I	57.8	64.4	79.1	84.1	85.0	88.3	90.4	91.4	92.5	92.6	92.9	93.0	93.5	93.7	94.5	
GE 50	I	58.0	64.6	79.4	84.6	85.6	89.2	91.9	92.9	93.9	94.0	94.4	94.5	94.9	95.2	95.9	
GE 40	I	58.0	64.6	79.5	85.1	86.1	89.8	92.5	93.5	94.5	94.6	94.9	95.0	95.5	95.7	96.5	
GE 30	I	58.0	64.6	79.5	85.1	86.1	89.8	92.6	93.7	94.8	94.9	95.3	95.4	95.8	96.1	97.0	
GE 20	I	58.0	64.6	79.5	85.1	86.1	89.8	92.6	93.8	94.9	95.0	95.4	95.5	96.2	96.4	98.1	
GE 10	I	58.0	64.6	79.5	85.1	86.1	89.8	92.6	93.8	95.0	95.2	95.6	95.7	96.6	96.8	99.9	
GE	I	58.0	64.6	79.5	85.1	86.1	89.8	92.6	93.8	95.0	95.2	95.6	95.7	96.6	96.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0300-0500

CEILING IN FEET	GT 160	GE 90	GE 90	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		24.0	27.6	31.5	33.0	33.2	34.0	34.5	35.0	35.6	35.7	35.9	36.1	36.1	36.3	36.8
GE 20000		25.7	29.7	34.0	35.5	35.7	36.6	37.0	37.7	38.3	38.4	38.6	38.9	38.9	39.0	39.6
GE 18000		25.8	29.8	34.1	35.6	35.8	36.7	37.2	37.8	38.4	38.5	38.7	39.0	39.0	39.1	39.8
GE 16000		25.8	29.8	34.1	35.6	35.8	36.7	37.2	37.8	38.4	38.5	38.7	39.0	39.0	39.1	39.8
GE 14000		25.8	29.8	34.1	35.6	35.8	36.7	37.2	37.8	38.4	38.5	38.7	39.0	39.0	39.1	39.8
GE 12000		25.8	29.8	34.1	35.6	35.8	36.7	37.2	37.8	38.4	38.5	38.7	39.0	39.0	39.1	39.8
GE 10000		26.4	30.6	35.0	36.5	36.7	37.6	38.1	38.7	39.3	39.4	39.6	39.9	39.9	40.0	40.7
GE 9000		26.7	31.4	36.1	37.6	37.8	38.9	39.3	40.0	40.5	40.7	40.9	41.1	41.1	41.2	41.9
GE 8000		28.9	33.8	39.9	41.3	41.7	42.7	43.2	43.9	44.5	44.6	44.8	45.0	45.0	45.2	45.8
GE 7000		29.1	33.9	40.1	41.6	41.9	42.9	43.5	44.1	44.7	44.8	45.0	45.3	45.3	45.4	46.1
GE 6000		29.1	33.9	40.1	41.6	41.9	42.9	43.5	44.1	44.7	44.8	45.0	45.3	45.3	45.4	46.1
GE 5000		31.2	36.0	42.5	44.3	44.6	45.6	46.4	47.1	47.6	47.7	48.0	48.2	48.2	48.3	49.0
GE 4500		32.8	37.7	44.8	46.7	47.1	48.3	49.1	49.8	50.3	50.5	50.7	50.9	50.9	51.0	51.7
GE 4000		39.9	46.1	53.9	56.2	56.5	57.8	58.6	59.2	59.8	59.9	60.1	60.4	60.4	60.5	61.1
GE 3500		42.3	48.9	57.1	59.5	59.8	61.4	62.2	62.8	63.4	63.5	63.7	64.0	64.0	64.1	64.8
GE 3000		46.8	54.7	64.1	66.9	67.2	68.9	69.9	70.7	71.3	71.4	71.6	71.8	71.8	72.1	72.7
GE 2500		47.7	55.6	65.0	68.1	68.5	70.2	71.2	72.0	72.5	72.6	72.9	73.1	73.1	73.3	74.0
GE 2000		50.6	59.1	69.4	73.2	73.9	75.8	76.8	77.7	78.3	78.4	78.6	78.8	78.8	79.1	79.7
GE 1800		50.7	59.2	69.6	73.4	74.1	76.0	77.0	77.9	78.5	78.6	78.8	79.1	79.1	79.3	80.0
GE 1500		52.3	60.9	71.6	76.1	76.8	78.9	80.1	81.0	81.5	81.6	81.9	82.1	82.1	82.3	83.0
GE 1200		52.9	61.8	73.8	78.5	79.6	82.1	83.6	84.5	85.1	85.2	85.5	85.7	85.7	85.9	86.6
GE 1000		53.8	62.8	75.8	80.5	81.6	84.6	86.1	87.0	87.7	87.8	88.1	88.3	88.3	88.5	89.2
GE 900		54.1	63.3	76.9	81.6	82.9	85.8	87.4	88.3	89.0	89.1	89.5	89.8	89.8	90.0	90.7
GE 800		54.1	63.6	78.0	83.0	84.1	87.0	88.6	89.5	90.2	90.3	90.8	91.0	91.0	91.2	91.9
GE 700		54.3	64.0	78.4	83.3	84.5	87.4	89.0	89.9	90.6	90.9	91.3	91.8	91.8	92.0	92.7
GE 600		54.7	64.4	79.3	84.6	85.7	89.0	90.5	91.4	92.3	92.5	92.9	93.4	93.4	93.6	94.3
GE 500		54.7	64.4	79.4	84.7	85.9	89.2	91.7	92.6	93.6	93.7	94.3	94.7	94.7	94.9	95.6
GE 400		54.8	64.5	79.5	85.0	86.3	89.5	92.1	93.0	94.1	94.3	94.8	95.3	95.3	95.6	96.3
GE 300		54.8	64.5	79.5	85.0	86.3	89.5	92.1	93.1	94.5	94.6	95.2	95.7	95.8	96.2	97.1
GE 200		54.8	64.5	79.5	85.0	86.3	89.5	92.1	93.5	94.8	94.9	95.5	96.2	96.4	97.0	98.3
GE 100		54.8	64.5	79.5	85.0	86.3	89.5	92.1	93.5	94.8	94.9	95.6	96.3	96.7	97.7	100.0
GE 0		54.8	64.5	79.5	85.0	86.3	89.5	92.1	93.5	94.8	94.9	95.6	96.3	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: NOV HOURS(LST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		21.4	23.4	25.7	27.8	27.9	29.0	29.7	30.0	30.4	30.5	30.7	30.8	31.2	31.5	32.2	
GE 20000		23.7	25.8	28.6	30.6	31.0	32.2	32.8	33.3	33.6	33.7	34.2	34.4	34.8	35.1	36.0	
GE 18000		24.0	26.2	29.0	31.3	31.5	32.7	33.4	33.9	34.2	34.3	34.8	35.0	35.3	35.7	36.6	
GE 16000		24.2	26.3	29.1	31.4	31.6	32.8	33.5	34.0	34.3	34.4	34.9	35.1	35.4	35.8	36.7	
GE 14000		24.2	26.3	29.1	31.4	31.6	32.8	33.5	34.0	34.3	34.4	34.9	35.1	35.4	35.8	36.7	
GE 12000		24.2	26.3	29.1	31.4	31.6	32.8	33.5	34.0	34.3	34.4	34.9	35.1	35.4	35.8	36.7	
GE 10000		25.1	27.4	30.5	32.8	33.1	34.4	35.1	35.7	36.0	36.1	36.6	36.8	37.1	37.5	38.4	
GE 9000		26.5	28.9	32.1	34.5	34.6	36.2	36.9	37.5	37.8	37.9	38.4	38.6	38.9	39.3	40.2	
GE 8000		29.5	32.3	36.5	39.3	39.5	41.0	41.9	42.4	42.8	42.9	43.3	43.6	43.9	44.2	45.1	
GE 7000		29.6	32.5	36.8	39.6	39.6	41.3	42.2	42.8	43.1	43.2	43.7	43.9	44.4	44.7	45.6	
GE 6000		29.6	32.5	36.6	39.6	39.6	41.3	42.2	42.8	43.1	43.2	43.7	43.9	44.4	44.7	45.6	
GE 5000		31.7	34.8	39.4	42.3	42.7	44.5	45.5	46.0	46.5	46.6	47.1	47.4	47.9	48.2	49.1	
GE 4500		32.8	36.1	41.1	44.5	44.9	46.7	47.7	48.3	48.8	48.9	49.3	49.7	50.1	50.5	51.4	
GE 4000		39.6	43.5	49.5	53.0	53.5	55.4	56.5	57.1	57.6	57.7	58.2	58.6	59.0	59.4	60.3	
GE 3500		41.4	45.7	52.0	55.9	56.4	58.4	59.6	60.2	60.6	60.7	61.3	61.6	62.1	62.4	63.3	
GE 3000		47.0	51.9	56.9	63.1	63.6	66.0	67.3	67.8	68.4	68.5	69.1	69.4	69.9	70.2	71.3	
GE 2500		48.2	53.4	60.9	65.2	65.9	68.2	69.4	70.0	70.7	70.8	71.3	71.7	72.1	72.5	73.6	
GE 2000		51.2	56.8	65.8	70.9	71.6	73.8	75.1	75.6	76.4	76.5	77.1	77.4	77.9	78.2	79.3	
GE 1800		51.4	57.0	66.0	71.1	71.8	74.0	75.3	75.8	76.6	76.7	77.3	77.7	78.1	78.4	79.7	
GE 1500		52.8	58.6	68.3	73.7	74.5	76.7	78.4	79.1	79.9	80.0	80.6	80.9	81.4	81.7	83.0	
GE 1200		53.7	59.8	69.9	76.0	76.9	79.5	81.4	82.2	83.1	83.2	83.7	84.1	84.5	84.9	86.1	
GE 1000		54.2	60.4	71.4	78.0	79.1	82.2	84.1	85.1	86.3	86.5	87.0	87.4	87.9	88.3	89.6	
GE 900		54.3	60.6	71.8	78.3	79.6	82.6	84.5	85.6	86.8	86.9	87.5	87.8	88.4	88.7	90.1	
GE 800		54.4	60.8	72.6	79.1	80.6	83.9	85.8	86.8	88.0	88.1	88.7	89.1	89.6	90.0	91.3	
GE 700		54.6	61.1	72.9	79.6	81.2	84.5	86.5	87.5	88.9	89.1	89.6	90.0	90.5	90.9	92.2	
GE 600		54.6	61.1	73.3	80.2	81.9	85.4	87.7	88.7	90.2	90.3	90.9	91.2	91.8	92.1	93.5	
GE 500		54.6	61.2	73.5	80.6	82.5	86.5	89.5	90.7	92.2	92.3	92.9	93.2	93.8	94.1	95.5	
GE 400		54.6	61.2	73.8	81.0	83.1	87.1	90.7	92.1	93.7	93.8	94.4	94.8	95.6	95.9	97.3	
GE 300		54.6	61.2	73.9	81.2	83.2	87.2	90.9	92.2	94.4	94.6	95.1	95.6	96.4	96.7	98.1	
GE 200		54.6	61.2	73.9	81.2	83.2	87.2	91.1	92.6	94.9	95.1	95.7	96.2	97.0	97.3	98.9	
GE 100		54.6	61.2	73.9	81.2	83.2	87.2	91.1	92.6	94.9	95.1	95.7	96.2	97.0	97.4	100.0	
GE	0	54.6	61.2	73.9	81.2	83.2	87.2	91.1	92.6	94.9	95.1	95.7	96.2	97.0	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 866

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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 C
NO CEIL		19.7	20.1	22.5	24.4	24.6	25.7	26.1	26.6	26.9	27.1	27.1	27.1	27.4	27.4	27.7
GE 20000		25.1	26.9	30.3	32.5	32.6	33.8	34.6	35.1	35.6	35.9	35.9	35.9	36.1	36.1	36.4
GE 18000		25.1	26.9	30.3	32.5	32.9	33.9	34.7	35.2	35.7	36.0	36.0	36.0	36.2	36.2	36.5
GE 16000		25.3	27.1	30.5	32.7	33.1	34.2	35.0	35.4	36.0	36.2	36.2	36.2	36.4	36.4	36.6
GE 14000		25.3	27.1	30.5	32.7	33.1	34.2	35.0	35.4	36.0	36.2	36.2	36.2	36.4	36.4	36.6
GE 12000		25.5	27.3	30.7	32.8	33.3	34.3	35.1	35.5	36.1	36.3	36.3	36.3	36.5	36.5	36.9
GE 10000		26.6	28.5	32.1	34.3	34.7	35.7	36.8	37.2	37.8	38.0	38.0	38.0	38.2	38.2	38.6
GE 9000		27.5	29.5	33.7	35.9	36.3	37.3	38.3	38.8	39.4	39.6	39.6	39.6	39.8	39.8	40.2
GE 8000		30.5	33.3	38.9	41.3	41.9	42.9	43.9	44.3	44.9	45.1	45.1	45.1	45.4	45.4	45.7
GE 7000		31.3	34.2	39.8	42.2	42.8	43.8	44.8	45.5	46.0	46.3	46.3	46.3	46.5	46.5	46.8
GE 6000		31.3	34.2	39.8	42.2	42.8	43.8	44.8	45.5	46.0	46.3	46.3	46.3	46.5	46.5	46.8
GE 5000		33.7	36.7	42.9	45.2	45.6	47.1	48.2	48.9	49.4	49.7	49.7	49.7	49.9	49.9	50.2
GE 4500		34.8	38.3	44.7	47.6	48.2	49.5	50.7	51.4	51.9	52.1	52.1	52.1	52.4	52.4	52.7
GE 4000		40.6	45.1	52.4	55.7	56.7	58.3	59.5	60.3	60.9	61.1	61.1	61.1	61.3	61.3	61.7
GE 3500		43.2	47.9	55.7	59.4	60.4	62.0	63.2	64.0	64.6	64.8	64.8	64.8	65.0	65.0	65.4
GE 3000		46.9	51.9	60.4	64.5	65.5	67.2	68.6	69.3	70.2	70.5	70.5	70.5	70.7	70.7	71.2
GE 2500		47.7	52.8	61.5	65.7	67.0	68.7	70.1	70.9	71.8	72.1	72.1	72.1	72.3	72.3	72.7
GE 2000		50.5	56.2	66.3	71.7	73.0	74.9	76.5	77.3	78.2	78.5	78.5	78.5	78.7	78.7	79.2
GE 1800		50.7	56.4	66.6	72.1	73.3	75.2	76.8	77.7	78.6	79.0	79.0	79.0	79.2	79.2	79.6
GE 1500		51.9	57.8	68.6	75.0	76.4	78.4	80.5	81.4	82.4	82.7	82.7	82.7	82.9	82.9	83.4
GE 1200		52.6	59.2	70.4	77.4	78.8	81.1	83.8	84.7	85.7	86.1	86.2	86.2	86.4	86.4	86.9
GE 1000		53.3	60.0	72.3	80.2	82.1	84.6	87.1	88.6	89.6	89.9	90.0	90.0	90.3	90.3	90.7
GE 900		53.4	60.1	72.5	80.5	82.5	85.0	88.0	88.9	89.9	90.3	90.4	90.4	90.6	90.6	91.1
GE 800		53.5	60.2	73.0	81.4	83.4	86.1	89.1	90.0	91.1	91.4	91.5	91.5	91.7	91.7	92.2
GE 700		53.5	60.4	73.5	82.0	84.2	87.3	90.4	91.3	92.3	92.6	92.8	92.8	93.2	93.2	93.7
GE 600		53.5	60.4	73.6	82.2	84.6	88.0	91.2	92.1	93.1	93.4	93.6	93.6	94.0	94.0	94.5
GE 500		53.5	60.4	73.6	82.4	84.7	88.2	92.2	93.3	94.6	95.0	95.1	95.1	95.6	95.6	96.0
GE 400		53.5	60.5	73.8	82.5	85.0	88.7	93.2	94.5	96.0	96.6	96.7	96.7	97.2	97.2	97.6
GE 300		53.5	60.5	73.9	82.6	85.1	88.9	93.6	94.8	96.5	97.5	97.6	97.6	98.3	98.3	98.9
GE 200		53.5	60.5	73.9	82.6	85.1	88.9	93.6	94.8	96.5	97.5	97.6	97.6	98.4	98.4	99.2
GE 100		53.5	60.5	73.9	82.6	85.1	88.9	93.6	94.8	96.5	97.5	97.6	97.6	98.5	98.6	100.0
GE C		53.5	60.5	73.9	82.6	85.1	88.9	93.6	94.8	96.5	97.5	97.6	97.6	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87

MONTH: NOV

HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	9	5	4	0
NO CEIL		21.1	22.6	25.3	26.2	26.6	27.6	27.9	28.0	28.0	28.0	28.0	28.0	28.1	28.3	29.3	28.4
GE 20000		27.7	29.6	33.1	34.5	34.6	36.1	36.5	36.7	36.7	36.8	36.8	36.9	37.0	37.0	37.0	37.1
GE 18000		27.8	29.7	33.3	34.6	35.0	36.2	36.7	36.8	36.8	36.9	36.9	37.0	37.1	37.1	37.1	37.2
GE 16000		28.1	30.1	33.6	35.0	35.3	36.5	37.0	37.1	37.1	37.2	37.2	37.3	37.5	37.5	37.5	37.6
GE 14000		28.1	30.1	33.6	35.0	35.3	36.5	37.0	37.1	37.1	37.2	37.2	37.3	37.5	37.5	37.5	37.6
GE 12000		28.4	30.3	33.8	35.2	35.5	36.8	37.2	37.3	37.3	37.5	37.5	37.6	37.7	37.7	37.7	37.8
GE 10000		30.3	32.6	36.1	37.5	37.9	39.2	39.6	39.7	39.7	39.8	39.8	40.0	40.1	40.1	40.1	40.2
GE 9000		31.4	33.7	37.8	39.4	39.8	41.1	41.5	41.7	41.7	41.8	41.8	41.9	42.0	42.0	42.0	42.1
GE 8000		35.2	38.0	43.0	44.8	45.4	46.7	47.2	47.3	47.3	47.4	47.4	47.6	47.7	47.7	47.7	47.8
GE 7000		35.8	38.7	43.9	45.9	46.4	47.7	48.2	48.4	48.4	48.5	48.5	48.6	48.7	48.7	48.7	48.8
GE 6000		35.8	38.7	43.9	45.9	46.4	47.7	48.2	48.4	48.4	48.5	48.5	48.6	48.7	48.7	48.7	48.8
GE 5000		37.2	40.2	45.7	47.7	48.2	49.8	50.4	50.5	50.5	50.6	50.6	50.7	50.9	50.9	50.9	51.0
GE 4500		38.0	41.1	47.6	49.7	50.3	52.0	52.6	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.1
GE 4000		42.3	46.2	53.7	56.6	57.3	59.4	59.9	60.0	60.0	60.2	60.2	60.3	60.4	60.4	60.4	60.5
GE 3500		45.3	49.5	57.1	60.0	60.6	62.9	63.5	63.6	63.6	63.7	63.7	63.8	63.9	63.9	63.9	64.0
GE 3000		50.7	55.4	63.9	67.9	68.7	70.7	71.4	71.7	71.9	72.0	72.0	72.1	72.2	72.2	72.2	72.3
GE 2500		52.2	57.1	66.1	70.1	71.1	73.3	74.0	74.6	74.7	74.8	74.8	74.9	75.0	75.0	75.0	75.1
GE 2000		54.7	61.0	71.1	75.9	77.1	80.0	80.8	81.4	81.5	81.6	81.6	81.7	81.8	81.8	81.8	82.0
GE 1800		55.1	61.3	71.4	76.3	77.4	80.4	81.2	81.7	81.8	82.0	82.0	82.1	82.2	82.2	82.2	82.3
GE 1500		56.8	63.6	73.7	79.3	80.8	84.1	85.2	85.9	86.0	86.2	86.2	86.3	86.4	86.4	86.4	86.5
GE 1200		57.3	64.4	75.4	82.2	84.6	87.5	88.6	89.6	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.2
GE 1000		57.7	65.2	77.0	84.0	86.2	90.2	91.8	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.4
GE 900		58.1	65.6	77.6	85.0	87.2	91.4	93.1	94.0	94.2	94.3	94.3	94.4	94.6	94.6	94.6	94.7
GE 800		58.2	65.8	78.5	86.3	88.6	93.0	94.7	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.3
GE 700		58.2	65.8	78.7	86.7	89.1	93.4	95.1	96.3	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.9
GE 600		58.2	65.8	78.7	86.7	89.1	93.5	95.5	96.6	96.6	96.6	96.6	96.9	97.0	97.0	97.0	97.3
GE 500		58.3	65.9	78.8	86.8	89.2	94.1	96.1	97.4	97.6	97.7	97.7	97.7	98.0	98.1	98.1	98.2
GE 400		58.3	65.9	78.8	86.8	89.2	94.3	96.5	98.0	98.3	98.4	98.4	98.6	98.8	98.8	98.8	98.9
GE 300		58.3	65.9	78.8	87.1	89.4	94.6	96.7	98.2	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.3
GE 200		58.3	65.9	78.8	87.1	89.4	94.6	96.7	98.2	98.9	99.0	99.0	99.3	99.5	99.5	99.5	99.7
GE 100		58.3	65.9	78.8	87.1	89.4	94.6	96.7	98.2	98.9	99.0	99.0	99.3	99.5	99.5	99.5	100.0
GE 0		58.3	65.9	78.8	87.1	89.4	94.6	96.7	98.2	98.9	99.0	99.0	99.3	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	U	
NO CEIL		20.7	22.6	24.5	26.1	26.4	27.8	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
GE 2000		24.9	26.8	29.9	32.0	32.3	33.9	34.5	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	
GE 1800		24.9	26.8	29.9	32.0	32.3	33.9	34.5	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	
GE 1600		25.2	27.0	30.2	32.2	32.5	34.1	34.7	34.7	34.9	35.0	35.0	35.0	35.0	35.0	35.0	
GE 1400		25.2	27.0	30.2	32.2	32.5	34.1	34.7	34.7	34.9	35.0	35.0	35.0	35.0	35.0	35.0	
GE 1200		25.5	27.3	30.8	32.9	33.2	34.8	35.4	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	
GE 1000		27.2	29.6	33.2	35.3	35.6	37.2	37.8	37.9	38.2	38.3	38.3	38.3	38.3	38.3	38.3	
GE 900		29.1	31.6	36.1	38.9	39.2	40.8	41.5	41.6	42.0	42.1	42.1	42.1	42.1	42.1	42.1	
GE 800		33.6	36.3	41.5	44.3	44.9	46.6	47.4	47.5	48.0	48.1	48.1	48.1	48.1	48.1	48.1	
GE 700		34.9	37.8	43.3	46.1	46.7	48.4	49.2	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	
GE 600		34.9	37.8	43.3	46.1	46.7	48.4	49.2	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	
GE 500		37.2	40.1	46.0	48.9	49.4	51.2	52.0	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	
GE 450		38.0	41.0	47.4	50.2	50.8	52.8	53.6	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	
GE 400		43.2	46.6	53.6	56.6	57.3	59.3	60.1	60.2	60.7	60.8	60.8	60.8	60.8	60.8	60.8	
GE 350		45.2	48.9	56.2	59.4	60.1	62.2	63.0	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	
GE 300		50.9	55.1	64.3	68.6	69.3	71.9	72.7	72.9	73.4	73.5	73.5	73.5	73.5	73.5	73.5	
GE 250		51.7	56.3	66.1	70.5	71.3	74.4	75.2	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	
GE 200		54.5	59.5	70.9	76.4	77.2	80.6	81.5	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	
GE 180		54.6	59.6	71.0	76.9	77.7	81.1	82.0	82.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	
GE 160		55.4	60.4	72.9	79.4	80.2	84.0	85.1	85.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	
GE 120		56.2	61.6	74.6	82.4	84.0	88.2	89.9	90.6	91.5	91.6	91.7	91.7	91.7	91.7	91.7	
GE 100		56.2	61.6	75.1	82.8	84.9	89.5	91.4	92.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	
GE 90		56.5	61.9	75.4	83.1	85.3	89.9	92.0	92.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	
GE 80		56.9	62.5	76.4	84.2	86.4	91.0	93.1	93.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	
GE 70		57.0	62.6	76.5	84.5	86.7	91.7	93.9	94.6	95.9	96.7	96.1	96.1	96.1	96.1	96.1	
GE 60		57.0	62.6	76.6	84.6	86.8	92.0	94.2	94.9	96.4	96.5	96.6	96.6	96.6	96.6	96.6	
GE 50		57.0	62.7	76.8	84.7	87.0	92.6	95.2	95.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	
GE 40		57.0	62.7	76.9	84.8	87.1	92.7	95.4	96.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	
GE 30		57.0	62.7	76.9	84.8	87.1	92.7	95.4	96.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	
GE 20		57.0	62.7	76.9	84.8	87.1	92.7	95.4	96.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	
GE 10		57.0	62.7	76.9	84.8	87.1	92.7	95.4	96.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	
GE 0		57.0	62.7	76.9	84.8	87.1	92.7	95.4	96.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	

TOTAL NUMBER OF OBSERVATIONS: 962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 03596 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 1900-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	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	1	24.3	25.9	28.3	37.4	30.6	32.3	33.0	33.1	33.3	33.3	33.3	33.4	33.6	33.7	33.9	
GE 20000		26.8	28.5	31.4	33.9	34.2	35.9	36.7	36.8	37.0	37.2	37.2	37.3	37.6	37.7	37.9	
GE 18000		26.8	28.5	31.4	33.9	34.2	35.9	36.7	36.8	37.0	37.2	37.2	37.3	37.6	37.7	37.9	
GE 16000		26.9	28.6	31.6	34.1	34.3	36.0	36.8	36.9	37.1	37.3	37.3	37.5	37.7	37.8	38.0	
GE 14000		26.9	28.6	31.6	34.1	34.3	36.0	36.8	36.9	37.1	37.3	37.3	37.5	37.7	37.8	38.0	
GE 12000		27.0	28.8	32.1	34.6	34.8	36.5	37.3	37.5	37.7	37.9	37.9	38.0	38.3	38.4	38.6	
GE 10000		28.1	30.1	33.4	35.9	36.1	37.8	38.6	38.7	38.9	39.2	39.2	39.3	39.5	39.6	39.8	
GE 9000		29.3	31.3	35.0	37.6	37.8	39.5	40.3	40.4	40.6	40.9	40.9	41.0	41.2	41.3	41.5	
GE 8000		33.1	35.4	40.2	43.0	43.2	44.9	46.1	46.3	46.5	46.8	46.8	47.1	47.3	47.4	47.7	
GE 7000		33.8	36.1	40.9	43.7	43.9	45.6	46.8	47.0	47.2	47.4	47.4	47.8	48.0	48.1	48.4	
GE 6000		33.8	36.1	40.9	43.7	43.9	45.6	46.8	47.0	47.2	47.4	47.4	47.8	48.0	48.1	48.4	
GE 5000		35.4	38.4	43.5	46.3	46.5	48.2	49.5	49.7	49.9	50.2	50.2	50.5	50.7	50.9	51.1	
GE 4500		36.0	38.9	44.6	47.6	47.9	49.7	51.0	51.3	51.5	51.8	51.8	52.1	52.3	52.4	52.7	
GE 4000		41.5	45.1	52.2	55.5	55.6	57.7	59.0	59.4	59.6	59.8	59.8	60.2	60.4	60.5	60.7	
GE 3500		43.1	47.3	54.7	58.0	58.3	60.2	61.5	61.9	62.1	62.3	62.3	62.7	62.9	63.0	63.2	
GE 3000		51.2	56.2	66.5	70.3	70.6	72.8	74.1	74.5	74.7	74.9	74.9	75.3	75.5	75.6	75.8	
GE 2500		52.2	57.5	68.4	72.2	72.6	74.8	76.3	76.6	76.8	77.1	77.1	77.4	77.6	77.8	78.0	
GE 2000		54.4	60.0	73.0	77.0	78.2	80.8	82.3	82.6	82.9	83.1	83.1	83.4	83.7	83.8	84.0	
GE 1800		54.4	60.0	73.0	77.0	78.3	81.0	82.5	82.9	83.2	83.4	83.4	83.8	84.0	84.1	84.3	
GE 1600		55.3	61.0	74.7	79.7	80.4	83.5	85.0	85.6	86.0	86.3	86.3	86.6	86.8	86.9	87.2	
GE 1400		55.7	61.6	76.3	82.1	83.1	86.4	88.9	89.9	90.5	91.7	91.7	92.0	92.3	92.4	92.6	
GE 1200		55.8	61.9	77.4	83.1	84.7	88.0	90.6	91.6	92.3	92.5	92.5	92.8	93.1	93.2	93.4	
GE 1000		55.8	62.1	77.4	83.3	84.9	88.3	90.9	91.9	92.6	92.8	92.8	93.2	93.4	93.5	93.8	
GE 900		56.0	62.2	78.5	84.4	86.0	89.6	92.4	93.4	94.1	94.3	94.3	94.7	94.9	95.0	95.2	
GE 800		56.0	62.2	78.5	84.7	86.3	90.2	93.1	94.1	94.8	95.0	95.0	95.3	95.6	95.7	95.9	
GE 700		56.0	62.2	78.5	84.7	86.4	90.6	93.4	94.4	95.1	95.3	95.3	95.7	95.9	96.0	96.3	
GE 600		56.0	62.2	78.5	85.0	86.7	91.1	94.1	95.1	95.9	96.1	96.1	96.5	96.7	96.8	97.0	
GE 500		56.0	62.2	78.6	85.2	86.9	91.4	94.3	95.7	96.5	96.7	96.7	97.0	97.3	97.4	97.6	
GE 400		56.0	62.2	78.6	85.4	87.1	91.5	94.4	95.9	97.4	97.7	97.7	98.1	98.5	98.8	99.0	
GE 300		56.0	62.2	78.8	85.4	87.1	91.5	94.6	96.0	97.6	98.0	98.0	98.3	98.9	99.1	99.7	
GE 200		56.0	62.2	78.8	85.4	87.1	91.5	94.6	96.0	97.6	98.0	98.0	98.3	98.9	99.1	100.0	
GE 100		56.0	62.2	78.8	85.4	87.1	91.5	94.6	96.0	97.6	98.0	98.0	98.3	98.9	99.1	100.0	
GE 0		56.0	62.2	78.8	85.4	87.1	91.5	94.6	96.0	97.6	98.0	98.0	98.3	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 2100-2300

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		26.2	28.6	32.9	33.8	33.9	35.6	36.7	37.3	37.5	37.9	38.0	38.0	38.1	38.1	38.5	
GE 20000		27.4	30.0	34.9	35.9	36.1	37.8	39.0	39.6	39.9	40.2	40.4	40.4	40.5	40.5	40.9	
GE 18000		27.4	30.0	34.9	35.9	36.1	37.8	39.0	39.6	39.9	40.2	40.4	40.4	40.5	40.5	40.9	
GE 16000		27.6	30.2	35.0	36.1	36.2	37.9	39.1	39.7	40.0	40.4	40.5	40.5	40.6	40.6	41.0	
GE 14000		27.6	30.2	35.0	36.1	36.2	37.9	39.1	39.7	40.0	40.4	40.5	40.5	40.6	40.6	41.0	
GE 12000		27.7	30.3	35.5	36.5	36.6	38.3	39.6	40.1	40.5	40.8	40.9	40.9	41.0	41.0	41.5	
GE 10000		29.3	31.9	37.1	38.1	38.2	39.9	41.2	41.7	42.1	42.4	42.5	42.5	42.6	42.6	43.1	
GE 9000		29.4	32.0	37.5	38.5	38.7	40.4	41.6	42.2	42.5	42.9	43.0	43.0	43.1	43.1	43.5	
GE 8000		32.7	35.4	42.5	43.8	43.9	45.6	46.8	47.4	47.8	48.2	48.3	48.3	48.4	48.4	49.1	
GE 7000		33.3	36.2	43.5	45.0	45.1	46.8	48.3	48.9	49.3	49.7	49.8	49.8	49.9	49.9	50.6	
GE 6000		33.3	36.2	43.5	45.0	45.1	46.8	48.3	48.9	49.3	49.7	49.8	49.8	49.9	49.9	50.6	
GE 5000		34.7	38.0	45.9	47.4	47.5	49.2	50.7	51.2	51.7	52.0	52.2	52.2	52.3	52.3	52.9	
GE 4500		35.8	39.1	47.1	48.5	48.9	50.7	52.2	52.7	53.2	53.5	53.6	53.6	53.7	53.7	54.4	
GE 4000		41.5	45.9	54.8	56.5	57.1	59.1	60.5	61.1	61.6	61.9	62.0	62.0	62.1	62.1	62.8	
GE 3500		43.3	48.0	57.4	59.3	59.9	61.9	63.4	63.9	64.4	64.7	64.9	64.9	65.0	65.0	65.6	
GE 3000		51.6	57.5	67.9	70.3	70.9	72.9	74.4	75.1	75.5	75.9	76.0	76.0	76.2	76.2	76.9	
GE 2500		51.9	58.4	68.8	71.3	71.9	73.9	75.4	76.1	76.5	76.9	77.0	77.0	77.2	77.2	77.9	
GE 2000		53.7	60.5	73.0	76.2	77.2	79.5	81.0	81.7	82.2	82.5	82.7	82.7	82.9	82.9	83.7	
GE 1800		54.1	60.9	73.6	76.8	77.6	80.0	81.5	82.3	82.8	83.1	83.2	83.2	83.4	83.4	84.2	
GE 1500		54.6	61.6	75.1	78.9	79.9	82.5	84.2	85.3	85.7	86.1	86.2	86.2	86.4	86.4	87.2	
GE 1200		55.4	62.5	76.5	80.7	82.0	84.8	87.1	88.1	88.5	88.9	89.0	89.0	89.2	89.2	90.0	
GE 1000		55.9	63.0	77.7	81.9	83.4	86.6	89.0	90.0	90.5	90.8	90.9	90.9	91.2	91.2	92.0	
GE 900		56.2	63.4	78.5	82.9	84.5	87.6	90.0	91.0	91.5	91.8	92.0	92.0	92.2	92.2	93.1	
GE 800		56.2	63.5	78.9	83.8	85.4	88.5	90.9	92.0	92.4	92.7	92.9	92.9	93.1	93.1	93.9	
GE 700		56.2	63.5	78.9	83.9	85.5	88.9	91.3	92.3	92.7	93.1	93.2	93.2	93.4	93.4	94.2	
GE 600		56.3	63.6	79.1	84.2	85.8	89.5	91.8	92.9	93.3	93.7	93.8	93.8	94.0	94.0	94.8	
GE 500		56.3	63.6	79.1	84.6	86.4	90.0	92.5	93.5	94.0	94.3	94.4	94.4	94.7	94.7	95.5	
GE 400		56.3	63.6	79.1	84.6	86.4	90.0	92.5	93.5	94.3	94.7	94.8	94.8	95.4	95.4	96.1	
GE 300		56.3	63.6	79.1	84.7	86.5	90.2	93.0	94.4	95.5	95.8	95.9	95.9	96.6	96.6	97.5	
GE 200		56.3	63.6	79.1	84.7	86.5	90.2	93.0	94.6	95.7	96.0	96.1	96.1	96.8	96.8	98.2	
GE 100		56.3	63.6	79.1	84.7	86.5	90.4	93.1	94.8	95.9	96.3	96.4	96.5	97.3	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	1	23.1	25.0	28.1	29.6	29.9	31.0	31.6	32.0	32.3	32.4	32.5	32.6	32.7	32.8	33.2	
GE 2000		26.4	28.7	32.4	34.2	34.4	35.7	36.4	36.8	37.1	37.3	37.4	37.5	37.7	37.8	38.2	
GE 1800		26.5	28.8	32.5	34.3	34.5	35.8	36.5	36.9	37.2	37.4	37.5	37.6	37.8	37.9	38.4	
GE 1600		26.6	28.9	32.6	34.4	34.7	35.9	36.7	37.0	37.4	37.5	37.7	37.8	38.0	38.1	38.5	
GE 1400		26.6	28.9	32.6	34.4	34.7	35.9	36.7	37.0	37.4	37.5	37.7	37.8	38.0	38.1	38.5	
GE 1200		26.7	29.0	32.9	34.7	35.0	36.2	36.9	37.3	37.7	37.8	38.0	38.1	38.2	38.3	38.8	
GE 1000		28.0	30.5	34.5	36.4	36.6	37.9	38.7	39.1	39.4	39.6	39.7	39.8	40.0	40.1	40.5	
GE 900		28.9	31.6	36.0	38.0	38.3	39.6	40.4	40.8	41.1	41.3	41.4	41.5	41.7	41.8	42.2	
GE 800		29.3	32.2	40.8	42.9	43.3	44.6	45.5	45.9	46.3	46.5	46.6	46.7	46.9	47.0	47.5	
GE 700		32.8	35.9	41.6	43.8	44.2	45.5	46.5	46.9	47.3	47.4	47.6	47.7	47.9	48.0	48.5	
GE 600		32.8	35.9	41.6	43.8	44.2	45.5	46.5	46.9	47.3	47.4	47.6	47.7	47.9	48.0	48.5	
GE 500		34.7	38.0	44.2	46.4	46.8	48.3	49.3	49.7	50.1	50.3	50.4	50.6	50.8	50.9	51.3	
GE 450		35.7	39.1	45.7	48.2	48.6	50.2	51.2	51.7	52.1	52.2	52.4	52.5	52.7	52.8	53.3	
GE 400		41.4	45.7	53.2	56.0	56.6	58.3	59.4	59.9	60.3	60.4	60.6	60.7	60.9	61.0	61.5	
GE 350		43.5	48.1	56.0	59.0	59.6	61.4	62.5	63.0	63.3	63.5	63.7	63.8	64.0	64.1	64.6	
GE 300		49.5	54.8	64.1	67.6	68.2	70.2	71.4	71.9	72.4	72.6	72.7	72.9	73.1	73.2	73.7	
GE 250		50.3	56.0	65.5	69.2	69.9	72.0	73.1	73.7	74.2	74.4	74.5	74.7	74.9	75.0	75.5	
GE 200		53.0	59.2	70.2	74.7	75.5	77.9	79.1	79.8	80.3	80.5	80.7	80.8	81.0	81.1	81.7	
GE 180		53.2	59.4	70.5	75.0	75.9	78.3	79.5	80.1	80.7	80.9	81.1	81.2	81.4	81.5	82.1	
GE 150		54.4	60.7	72.4	77.6	78.5	81.2	82.7	83.4	84.0	84.2	84.4	84.5	84.7	84.8	85.4	
GE 120		55.1	61.7	74.1	79.9	81.2	84.1	86.0	86.9	87.6	87.8	88.0	88.2	88.4	88.5	89.0	
GE 100		55.5	62.3	75.4	81.4	83.0	86.3	88.4	89.3	90.1	90.3	90.5	90.6	90.8	91.0	91.5	
GE 90		55.7	62.5	76.0	82.1	83.7	87.0	89.2	90.1	90.9	91.1	91.3	91.4	91.6	91.8	92.3	
GE 80		55.8	62.8	76.8	83.2	84.8	88.2	90.4	91.3	92.1	92.3	92.5	92.7	92.9	93.0	93.6	
GE 70		55.9	63.0	77.0	83.5	85.2	88.8	91.0	92.0	92.9	93.1	93.3	93.5	93.7	93.8	94.4	
GE 60		56.0	63.1	77.3	83.9	85.7	89.5	91.8	92.8	93.7	93.9	94.1	94.3	94.5	94.7	95.2	
GE 50		56.1	63.1	77.4	84.2	86.0	90.1	92.9	93.9	94.9	95.1	95.3	95.5	95.8	95.9	96.4	
GE 40		56.1	63.2	77.5	84.4	86.3	90.4	93.4	94.5	95.7	95.9	96.1	96.4	96.7	96.8	97.4	
GE 30		56.1	63.2	77.5	84.5	86.3	90.6	93.6	94.8	96.3	96.5	96.8	97.0	97.5	97.6	98.2	
GE 20		56.1	63.2	77.5	84.5	86.3	90.6	93.6	94.9	96.5	96.7	97.0	97.3	97.8	98.0	99.0	
GE 10		56.1	63.2	77.5	84.5	86.3	90.6	93.6	95.0	96.5	96.8	97.1	97.4	98.0	98.3	100.0	
GE		56.1	63.2	77.5	84.5	86.3	90.6	93.6	95.0	96.5	96.8	97.1	97.4	98.0	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7072

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(IST): 0000-0100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		24.9	27.7	31.6	33.8	34.1	35.3	36.4	36.8	37.5	37.6	37.6	37.6	37.8	37.8	36.0
GE 20000		26.4	29.2	33.3	35.7	36.0	37.1	38.2	38.7	39.5	39.6	39.6	39.6	39.8	39.8	40.0
GE 18000		26.4	29.2	33.4	35.8	36.1	37.3	38.4	38.8	39.6	39.7	39.7	39.7	39.9	39.9	40.1
GE 16000		26.4	29.2	33.4	35.8	36.1	37.3	38.4	38.8	39.6	39.7	39.7	39.7	39.9	39.9	40.1
GE 14000		26.4	29.2	33.4	35.8	36.1	37.3	38.4	38.8	39.6	39.7	39.7	39.7	39.9	39.9	40.1
GE 12000		26.4	29.2	33.4	35.8	36.1	37.3	38.4	38.8	39.6	39.7	39.7	39.7	39.9	39.9	40.1
GE 10000		27.2	29.9	34.4	36.9	37.3	38.4	39.5	39.9	40.7	40.8	40.8	40.8	41.0	41.0	41.2
GE 9000		27.6	30.4	34.9	37.6	37.9	39.2	40.4	40.8	41.6	41.8	41.8	41.8	42.0	42.0	42.2
GE 8000		30.6	34.1	40.1	42.9	43.5	44.8	45.9	46.5	47.2	47.5	47.5	47.5	47.7	47.7	47.9
GE 7000		31.5	35.1	41.1	44.1	44.7	46.0	47.1	47.7	48.4	48.7	48.7	48.7	48.9	48.9	49.1
GE 6000		31.5	35.3	41.2	44.2	44.8	46.1	47.2	47.8	48.6	48.8	48.8	48.8	49.0	49.0	49.2
GE 5000		33.2	37.0	43.2	46.3	46.9	48.3	49.4	50.0	50.8	51.0	51.0	51.0	51.2	51.2	51.4
GE 4500		33.5	37.3	43.5	46.6	47.1	48.6	49.7	50.2	51.0	51.2	51.2	51.2	51.4	51.4	51.7
GE 4000		39.6	44.2	51.3	55.4	56.1	57.5	58.6	59.2	60.0	60.2	60.2	60.2	60.4	60.4	60.6
GE 3500		41.1	46.1	53.5	58.0	58.6	60.2	61.4	62.1	62.9	63.1	63.1	63.1	63.3	63.3	63.5
GE 3000		46.2	52.5	61.1	65.6	66.3	68.0	69.3	70.0	70.8	71.1	71.1	71.1	71.3	71.3	71.5
GE 2500		46.6	53.1	62.2	66.9	67.5	69.2	70.5	71.2	72.2	72.5	72.5	72.5	72.7	72.7	72.9
GE 2000		49.1	55.8	65.7	70.8	71.5	73.3	74.9	75.6	76.6	76.9	77.1	77.1	77.5	77.5	77.7
GE 1800		49.2	56.0	66.4	71.8	72.5	74.3	75.9	76.6	77.6	77.9	78.0	78.0	78.5	78.5	78.7
GE 1500		51.0	57.8	68.7	74.5	75.2	77.2	78.8	79.5	80.5	80.8	80.9	80.9	81.4	81.4	81.6
GE 1200		51.8	58.6	70.7	77.3	77.9	80.2	82.0	82.7	83.7	84.0	84.1	84.1	84.6	84.6	84.8
GE 1000		52.2	59.5	72.4	79.4	80.2	82.5	85.1	85.8	86.9	87.2	87.4	87.4	87.8	87.8	88.0
GE 900		52.4	59.8	72.8	80.2	80.9	83.3	85.9	86.6	87.7	88.0	88.1	88.1	88.6	88.6	88.8
GE 800		52.7	60.0	73.2	80.7	81.5	84.0	86.8	87.6	88.7	89.0	89.1	89.1	89.6	89.6	89.8
GE 700		53.0	60.4	73.9	81.6	82.5	85.1	88.5	89.4	90.5	90.8	90.9	90.9	91.4	91.4	91.6
GE 600		53.4	60.9	74.6	83.0	83.9	86.7	90.1	91.1	92.2	92.6	92.7	92.7	93.1	93.1	93.3
GE 500		53.4	60.9	74.6	83.4	84.5	87.9	91.6	92.6	93.7	94.0	94.1	94.1	94.6	94.6	94.8
GE 400		53.4	60.9	74.8	83.8	85.0	88.8	92.5	93.7	94.6	95.1	95.2	95.2	95.7	95.7	95.9
GE 300		53.4	60.9	74.8	83.8	85.0	88.9	92.6	93.8	95.2	95.6	95.7	95.7	96.1	96.2	96.3
GE 200		53.4	60.9	74.8	83.8	85.3	89.4	93.5	94.8	96.5	96.8	96.9	97.2	98.1	98.2	98.6
GE 100		53.4	60.9	74.8	83.6	85.3	89.4	93.6	94.9	96.7	97.0	97.1	97.5	99.1	99.6	100.0
GE 0		53.4	60.9	74.8	83.8	85.3	89.4	93.6	94.9	96.7	97.7	97.1	97.5	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(UT): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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			25.9	29.7	32.9	34.7	35.3	36.5	37.2	37.5	37.8	37.8	37.9	38.2	38.3	39.6	39.0
GE 20000			27.7	31.6	35.3	37.2	37.9	39.2	39.9	40.2	40.4	40.4	40.5	40.9	41.0	41.3	41.6
GE 18000			27.7	31.6	35.3	37.2	37.9	39.2	39.9	40.2	40.4	40.4	40.5	40.9	41.0	41.3	41.6
GE 16000			27.7	31.6	35.3	37.2	37.9	39.2	39.9	40.2	40.4	40.4	40.5	40.9	41.0	41.3	41.6
GE 14000			27.7	31.6	35.3	37.2	37.9	39.2	39.9	40.2	40.4	40.4	40.5	40.9	41.0	41.3	41.6
GE 12000			27.7	31.6	35.3	37.2	37.9	39.2	39.9	40.2	40.4	40.4	40.5	40.9	41.0	41.3	41.6
GE 10000			28.5	32.3	36.2	38.1	38.8	40.1	40.8	41.1	41.3	41.3	41.4	41.7	41.9	42.2	42.5
GE 9000			29.0	32.9	36.9	38.8	39.4	40.8	41.4	41.7	42.0	42.0	42.1	42.4	42.5	42.9	43.2
GE 8000			32.6	36.5	42.2	44.4	45.1	46.5	47.2	47.6	48.0	48.0	48.1	48.4	48.5	48.8	49.2
GE 7000			33.1	37.3	43.0	45.2	45.8	47.3	48.0	48.4	48.7	48.7	48.8	49.2	49.3	49.6	49.9
GE 6000			33.2	37.4	43.1	45.3	46.0	47.4	48.1	48.5	48.8	48.8	48.9	49.3	49.4	49.7	50.1
GE 5000			34.4	38.6	44.3	46.7	47.4	48.9	49.6	50.1	50.4	50.4	50.5	50.8	50.9	51.3	51.6
GE 4500			34.7	38.9	44.9	47.3	48.0	49.5	50.2	50.6	50.9	50.9	51.1	51.4	51.5	51.8	52.2
GE 4000			39.2	43.7	50.9	53.8	54.7	56.7	57.4	57.9	58.3	58.3	58.4	58.7	58.8	59.1	59.5
GE 3500			40.9	46.1	54.3	57.5	58.4	60.5	61.1	61.8	62.1	62.1	62.2	62.6	62.7	63.0	63.3
GE 3000			45.8	51.1	61.0	64.5	65.4	67.7	68.4	69.2	69.5	69.7	69.9	70.2	70.3	70.7	71.0
GE 2500			46.4	51.7	61.9	65.7	66.7	68.9	69.7	70.4	70.8	70.9	71.1	71.4	71.5	71.9	72.2
GE 2000			48.5	55.0	65.8	70.3	71.3	73.6	74.8	75.5	75.9	76.0	76.2	76.5	76.6	77.0	77.3
GE 1800			48.7	55.3	66.1	71.0	72.0	74.3	75.4	76.2	76.5	76.6	76.9	77.2	77.3	77.6	78.0
GE 1600			50.2	56.8	68.2	73.5	74.5	76.9	78.0	78.7	79.2	79.3	79.5	79.8	80.0	80.3	80.6
GE 1200			50.9	57.9	69.8	76.2	77.3	79.6	80.8	81.6	82.1	82.2	82.4	82.7	82.8	83.2	83.5
GE 1000			51.4	58.7	71.8	78.6	79.7	82.5	83.8	84.6	85.2	85.3	85.5	85.8	85.9	86.3	86.6
GE 900			51.4	58.9	72.2	79.6	81.0	83.7	85.0	86.0	86.6	86.7	86.9	87.3	87.4	87.7	88.0
GE 800			51.9	59.6	73.6	81.3	82.6	85.6	87.3	88.3	88.8	88.9	89.1	89.5	89.6	89.9	90.3
GE 700			52.0	59.9	74.4	82.4	83.7	86.8	88.5	89.5	90.0	90.1	90.4	90.7	90.8	91.1	91.5
GE 600			52.6	60.6	75.3	84.1	85.4	89.0	90.9	91.9	92.5	92.6	92.8	93.1	93.2	93.6	93.9
GE 500			52.6	60.6	75.4	84.3	85.6	89.7	91.8	92.8	93.4	93.5	93.7	94.0	94.1	94.5	94.8
GE 400			52.6	60.6	75.4	84.3	85.6	89.9	92.6	93.7	94.4	94.5	94.7	95.0	95.1	95.5	95.8
GE 300			52.6	60.6	75.4	84.3	85.6	89.9	92.7	94.2	94.9	95.1	95.3	95.8	95.9	96.2	96.6
GE 200			52.6	60.6	75.4	84.3	85.9	90.3	93.1	94.9	96.2	96.5	96.7	97.6	98.3	98.7	99.0
GE 100			52.6	60.6	75.4	84.3	85.9	90.3	93.1	94.9	96.2	96.5	96.8	97.9	98.7	99.3	100.0
GE 0			52.6	60.6	75.4	84.3	85.9	90.3	93.1	94.9	96.2	96.5	96.8	97.9	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 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		23.3	25.6	28.4	29.8	30.3	31.7	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.8	34.0
GE 20000		27.5	30.0	33.7	35.2	35.6	37.2	38.6	38.6	38.7	38.7	38.8	38.8	38.9	39.4	39.6
GE 18000		27.5	30.0	33.7	35.2	35.6	37.2	38.6	38.6	38.7	38.7	38.8	38.8	38.9	39.4	39.6
GE 16000		27.5	30.0	33.7	35.2	35.6	37.2	38.6	38.6	38.7	38.7	38.8	38.8	38.9	39.4	39.6
GE 14000		27.6	30.1	33.8	35.3	35.8	37.3	38.7	38.7	38.8	38.8	38.9	38.9	39.1	39.5	39.7
GE 12000		27.6	30.1	33.8	35.3	35.8	37.3	38.7	38.7	38.8	38.8	38.9	38.9	39.1	39.5	39.7
GE 10000		28.6	31.2	34.9	36.4	36.9	38.5	39.9	39.9	40.0	40.0	40.2	40.2	40.3	40.7	40.9
GE 9000		29.2	31.8	35.4	37.0	37.4	39.1	40.5	40.5	40.6	40.6	40.7	40.7	40.8	41.3	41.5
GE 8000		32.9	35.5	39.9	41.9	42.4	44.0	45.4	45.4	45.5	45.5	45.7	45.7	45.8	46.2	46.4
GE 7000		33.7	36.3	40.7	42.7	43.1	44.8	46.2	46.2	46.3	46.3	46.4	46.4	46.5	47.0	47.2
GE 6000		33.7	36.3	40.7	42.7	43.1	44.8	46.2	46.2	46.3	46.3	46.4	46.4	46.5	47.0	47.2
GE 5000		34.8	37.5	42.2	44.4	44.9	46.6	48.1	48.1	48.2	48.2	48.3	48.3	48.4	48.8	49.1
GE 4500		34.9	37.6	42.5	44.7	45.2	47.0	48.4	48.4	48.5	48.5	48.6	48.6	48.7	49.2	49.4
GE 4000		39.7	42.7	48.4	51.2	52.0	54.2	55.7	55.7	55.8	55.8	55.9	55.9	56.1	56.5	56.8
GE 3500		41.5	44.9	51.6	54.7	55.6	57.8	59.2	59.2	59.3	59.4	59.5	59.5	59.7	60.2	60.4
GE 3000		47.3	51.3	60.0	63.5	64.5	67.0	68.5	68.5	68.6	68.8	68.9	68.9	69.1	69.5	69.7
GE 2500		47.7	51.7	60.5	64.1	65.1	67.7	69.2	69.2	69.3	69.4	69.5	69.5	69.7	70.2	70.4
GE 2100		50.2	55.2	65.1	69.6	71.0	73.7	75.2	75.2	75.4	75.5	75.6	75.6	75.8	76.2	76.5
GE 1800		50.4	55.4	65.3	70.1	71.4	74.3	75.8	75.8	75.9	76.0	76.1	76.1	76.3	76.8	77.0
GE 1500		50.9	56.3	66.4	71.6	72.9	75.9	77.6	77.6	77.7	77.9	78.0	78.0	78.2	78.7	78.9
GE 1200		51.7	57.5	68.3	74.4	76.0	79.1	80.9	81.1	81.2	81.4	81.5	81.5	81.7	82.2	82.4
GE 1000		52.0	58.3	70.1	76.3	78.0	81.6	83.7	84.0	84.3	84.5	84.6	84.7	84.9	85.4	85.6
GE 900		52.3	58.6	71.0	77.3	79.1	82.8	84.9	85.4	85.6	85.8	85.9	86.0	86.2	86.7	86.9
GE 800		52.5	58.9	71.9	79.0	80.7	84.5	86.9	87.6	87.9	88.1	88.2	88.3	88.6	89.0	89.2
GE 700		52.5	58.9	72.6	80.6	82.4	86.2	88.7	89.4	89.8	90.0	90.1	90.2	90.4	90.9	91.1
GE 600		52.8	59.3	73.5	81.8	83.7	88.0	90.5	91.3	91.7	92.0	92.1	92.2	92.4	92.8	93.1
GE 500		52.8	59.3	73.7	82.7	84.8	89.5	92.1	92.8	93.4	93.6	93.7	93.9	94.2	94.6	94.8
GE 400		52.8	59.3	73.7	83.1	85.4	90.8	93.7	94.6	95.6	95.8	96.0	96.3	96.5	96.9	97.1
GE 300		52.8	59.3	73.8	83.3	85.6	91.0	93.9	94.9	96.0	96.3	96.5	96.7	96.9	97.4	97.6
GE 200		52.8	59.3	73.8	83.3	85.6	91.2	94.4	95.5	97.1	97.4	97.6	98.0	98.3	98.8	99.1
GE 100		52.8	59.3	73.8	83.3	85.6	91.2	94.4	95.5	97.1	97.4	97.6	98.0	98.9	99.4	100.0
GE 0		52.8	59.3	73.8	83.3	85.6	91.2	94.4	95.5	97.1	97.4	97.6	98.0	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(IST): 0900-1100

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		21.8	22.6	25.2	26.4	27.0	27.8	28.6	28.7	28.7	28.7	28.7	28.8	29.0	29.2	29.2
GE 20000		25.7	27.6	30.7	32.2	32.9	33.7	34.5	34.6	34.6	34.6	34.6	34.7	35.0	35.3	35.3
GE 18000		26.0	28.0	31.2	32.7	33.3	34.1	35.0	35.1	35.1	35.1	35.1	35.2	35.4	35.7	35.7
GE 16000		26.0	28.0	31.2	32.7	33.3	34.1	35.0	35.1	35.1	35.1	35.1	35.2	35.4	35.7	35.7
GE 14000		26.0	28.0	31.2	32.7	33.3	34.1	35.0	35.1	35.1	35.1	35.1	35.2	35.4	35.7	35.7
GE 12000		26.2	28.2	31.5	33.1	33.9	34.6	35.5	35.6	35.6	35.6	35.6	35.7	35.9	36.3	36.3
GE 10000		28.8	30.9	34.3	36.0	36.8	37.6	38.4	38.5	38.5	38.5	38.5	38.7	38.9	39.2	39.2
GE 9000		29.4	31.7	35.2	36.9	37.7	38.4	39.3	39.4	39.4	39.4	39.4	39.5	39.7	40.1	40.1
GE 8000		33.7	36.2	40.6	43.0	43.8	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1	46.5	46.5
GE 7000		34.5	37.2	41.9	44.5	45.3	46.6	47.7	47.8	47.8	47.8	47.8	47.9	48.2	48.5	48.5
GE 6000		34.5	37.2	41.9	44.5	45.3	46.6	47.7	47.8	47.8	47.8	47.8	47.9	48.2	48.5	48.5
GE 5000		35.2	38.1	43.1	45.8	46.6	47.9	49.0	49.1	49.1	49.1	49.1	49.2	49.5	49.8	49.8
GE 4500		35.6	38.7	43.8	46.6	47.3	48.6	49.7	49.8	49.8	49.8	49.8	49.9	50.3	50.6	50.6
GE 4000		39.8	43.6	50.1	53.0	53.9	55.4	56.7	56.8	56.8	56.8	56.8	56.9	57.2	57.5	57.5
GE 3500		43.0	47.0	54.2	57.3	58.2	59.7	61.0	61.1	61.1	61.1	61.1	61.2	61.6	61.9	61.9
GE 3000		47.7	52.6	62.2	66.0	67.0	69.2	70.6	70.7	70.7	70.7	70.7	70.8	71.1	71.4	71.4
GE 2500		48.1	53.2	62.9	66.7	67.6	69.8	71.2	71.3	71.3	71.3	71.3	71.4	71.8	72.1	72.1
GE 2000		50.1	55.8	67.6	71.8	73.0	75.5	77.0	77.1	77.1	77.1	77.1	77.2	77.5	77.9	77.9
GE 1800		50.5	56.4	68.3	72.4	73.6	76.2	77.9	78.0	78.0	78.0	78.0	78.1	78.4	78.7	78.7
GE 1500		51.5	57.4	69.9	74.5	75.8	78.6	80.5	80.7	80.7	80.7	80.7	80.8	81.1	81.4	81.4
GE 1200		52.4	59.0	72.0	77.2	78.6	81.5	83.7	84.1	84.1	84.1	84.1	84.3	84.6	84.9	84.9
GE 1000		53.1	59.8	73.1	79.2	80.6	83.6	85.9	86.4	86.4	86.4	86.4	86.5	86.9	87.2	87.2
GE 900		53.1	59.9	73.3	79.8	81.2	84.3	86.5	87.2	87.2	87.2	87.2	87.3	87.6	87.9	87.9
GE 800		53.4	60.3	73.8	80.9	82.3	85.5	87.8	88.6	88.6	88.6	88.6	88.7	89.1	89.5	89.5
GE 700		53.6	60.7	74.6	82.3	83.7	87.2	90.0	90.8	90.9	90.9	90.9	91.0	91.4	91.7	91.7
GE 600		53.7	60.9	75.5	83.2	84.6	88.3	91.5	92.3	92.6	92.7	92.7	92.8	93.3	93.6	93.6
GE 500		53.7	61.0	76.1	83.9	85.5	89.6	93.1	94.0	94.5	94.7	94.9	95.1	95.7	96.0	96.0
GE 400		53.7	61.0	76.1	84.0	85.6	90.1	94.2	95.8	96.3	96.5	96.7	97.0	97.5	97.8	97.8
GE 300		53.7	61.0	76.3	84.3	85.8	90.3	94.5	96.3	97.4	97.6	97.8	98.0	98.7	99.0	99.0
GE 200		53.7	61.0	76.3	84.3	85.8	90.4	94.6	96.4	97.7	98.0	98.3	98.5	99.2	99.7	99.9
GE 100		53.7	61.0	76.3	84.3	85.8	90.4	94.6	96.4	97.7	98.0	98.3	98.5	99.2	99.7	100.0
GE 0		53.7	61.0	76.3	84.3	85.8	90.4	94.6	96.4	97.7	98.0	98.3	98.5	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: C35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 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	1		22.1	22.9	25.9	27.6	27.7	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9
GE 20000	0		27.6	28.9	32.5	34.4	34.5	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8
GE 18000	0		27.8	29.3	32.9	34.9	35.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
GE 16000	0		27.8	29.3	32.9	34.9	35.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
GE 14000	0		27.8	29.3	32.9	34.9	35.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
GE 12000	0		28.2	29.7	33.3	35.3	35.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8
GE 10000	0		30.4	32.1	35.8	37.8	38.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3
GE 9000	0		30.7	32.9	36.6	38.7	38.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2
GE 8000	0		35.6	38.3	43.2	45.5	45.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.1
GE 7000	0		36.7	39.7	44.8	47.2	47.4	48.5	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.9	48.9
GE 6000	0		36.7	39.7	44.8	47.2	47.4	48.5	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.9	48.9
GE 5000	0		37.9	41.1	46.6	49.1	49.3	50.4	50.5	50.7	50.7	50.7	50.8	50.9	50.9	50.9	50.9
GE 4500	0		38.2	41.4	47.4	49.9	50.1	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.6	51.6
GE 4000	0		41.3	45.0	51.4	54.2	54.7	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2
GE 3500	0		44.2	48.0	55.6	58.6	59.0	60.1	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.6	60.6
GE 3000	0		48.6	52.9	62.5	66.4	66.9	69.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0
GE 2500	0		49.3	54.0	63.8	67.9	68.3	69.9	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.6	70.6
GE 2000	0		52.4	57.5	68.7	73.2	73.7	76.6	77.3	77.5	77.5	77.6	77.7	77.7	77.7	77.8	77.8
GE 1800	0		52.8	58.0	69.2	73.9	74.4	77.2	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.4	78.4
GE 1600	0		54.9	60.2	71.9	76.9	77.6	80.6	81.4	81.7	81.8	82.0	82.1	82.1	82.2	82.4	82.4
GE 1200	0		55.6	61.1	74.2	79.7	80.5	83.8	85.0	85.3	85.4	85.6	85.7	85.7	85.8	85.9	85.9
GE 1000	0		56.2	61.8	75.8	81.8	82.6	85.8	87.0	87.4	87.5	87.7	87.8	87.8	87.9	88.0	88.0
GE 900	0		56.3	62.1	76.1	82.2	83.0	86.5	87.9	88.2	88.3	88.6	88.7	88.7	88.8	88.9	88.9
GE 800	0		56.5	62.5	76.7	82.9	83.6	87.6	89.2	89.8	90.0	90.2	90.3	90.3	90.4	90.5	90.5
GE 700	0		56.6	63.0	77.8	84.2	85.1	88.9	91.3	91.9	92.3	92.5	92.6	92.6	92.7	92.8	92.8
GE 600	0		57.0	63.3	78.3	84.7	85.8	89.9	92.4	93.0	93.4	93.6	93.7	93.7	93.8	93.9	93.9
GE 500	0		57.0	63.3	79.0	85.8	86.9	91.8	94.9	95.9	96.4	96.8	97.2	97.2	97.3	97.4	97.4
GE 400	0		57.0	63.3	79.2	86.5	87.6	92.9	96.1	97.2	97.9	98.6	98.9	98.9	99.0	99.1	99.1
GE 300	0		57.0	63.3	79.2	86.5	87.6	92.9	96.1	97.2	97.9	98.6	99.0	99.0	99.1	99.2	99.2
GE 200	0		57.0	63.3	79.2	86.5	87.7	93.1	96.3	97.4	98.1	99.0	99.5	99.5	99.7	99.8	99.8
GE 100	0		57.0	63.3	79.2	86.5	87.7	93.1	96.3	97.4	98.1	99.0	99.5	99.5	99.7	99.8	100.0
GE 0	0		57.0	63.3	79.2	86.5	87.7	93.1	96.3	97.4	98.1	99.0	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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		21.5	23.5	25.9	26.8	27.0	27.7	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.5	
GE 20000		25.5	28.0	31.8	32.7	33.0	33.9	34.9	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2
GE 18000		25.5	28.0	31.9	32.8	33.1	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3
GE 16000		25.5	28.0	31.9	32.8	33.1	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3
GE 14000		25.5	28.0	31.9	32.8	33.1	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3
GE 12000		25.6	28.1	32.0	32.9	33.2	34.1	35.1	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
GE 10000		27.2	29.7	34.0	34.9	35.3	36.2	37.1	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5
GE 9000		27.9	30.8	35.4	36.3	36.7	37.6	38.6	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9
GE 8000		32.2	35.6	41.5	42.7	43.4	44.2	45.2	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5
GE 7000		34.1	37.5	43.4	44.6	45.2	46.1	47.1	47.4	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.6
GE 6000		34.2	37.7	43.6	44.8	45.4	46.3	47.3	47.6	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8
GE 5000		35.2	38.9	45.1	46.4	47.1	47.9	48.9	49.2	49.2	49.3	49.3	49.5	49.5	49.5	49.5	49.5
GE 4500		36.1	39.8	46.3	47.6	48.3	49.1	50.1	50.4	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7
GE 4000		39.5	43.6	50.9	52.4	53.1	53.9	54.9	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4
GE 3500		41.8	46.3	54.4	56.4	57.2	58.5	59.5	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0
GE 3000		45.0	50.8	60.5	63.4	64.3	65.8	66.8	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5
GE 2500		46.1	52.2	62.0	65.0	65.9	67.4	68.4	68.8	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.3
GE 2000		48.8	56.1	67.0	70.2	71.2	73.0	74.6	75.5	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0
GE 1800		49.0	56.4	67.4	70.8	71.9	73.7	75.5	76.4	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9
GE 1500		50.0	57.6	70.0	73.7	74.8	76.9	78.6	79.5	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2
GE 1200		51.1	59.7	73.4	77.6	78.9	82.1	84.1	85.0	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6
GE 1000		51.2	59.9	74.6	79.3	80.6	84.0	86.1	86.9	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7
GE 900		51.4	60.1	75.1	79.8	81.3	84.7	86.8	87.7	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5
GE 800		51.4	60.2	75.5	80.6	82.0	85.7	87.9	89.0	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1
GE 700		51.6	60.6	76.5	82.1	83.8	87.8	90.3	91.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 600		51.7	60.8	77.1	83.1	85.2	89.2	91.9	93.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9
GE 500		51.9	60.9	77.5	83.8	86.2	90.4	93.7	95.6	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4
GE 400		51.9	60.9	77.7	84.4	87.1	91.4	94.8	96.8	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8
GE 300		51.9	60.9	77.7	84.4	87.1	91.4	94.8	96.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		51.9	60.9	77.7	84.4	87.1	91.4	94.8	96.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		51.9	60.9	77.7	84.4	87.1	91.4	94.8	96.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0		51.9	60.9	77.7	84.4	87.1	91.4	94.8	96.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2400

CEILING IN FEET	GT 160	GE 99	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE 3
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5				
NO CEIL		24.1	26.8	30.5	31.6	31.6	32.9	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.9	
GE 20000		26.0	29.1	33.7	34.7	34.7	36.1	36.5	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.1	
GE 18000		26.4	29.4	34.1	35.2	35.2	36.5	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	
GE 16000		26.4	29.4	34.1	35.2	35.2	36.5	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	
GE 14000		26.4	29.4	34.1	35.2	35.2	36.5	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	
GE 12000		26.5	29.5	34.2	35.3	35.3	36.6	37.0	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.7	
GE 10000		27.3	30.4	35.1	36.4	36.4	37.8	38.3	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.0	
GE 9000		27.8	31.2	36.2	37.5	37.5	38.9	39.4	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.1	
GE 8000		30.7	34.4	41.2	42.5	42.8	44.2	44.8	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	
GE 7000		31.9	35.7	42.8	44.1	44.4	45.9	46.6	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6	
GE 6000		31.9	35.7	42.8	44.1	44.4	45.9	46.6	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6	
GE 5000		33.7	37.9	45.2	46.6	46.9	48.4	49.1	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	
GE 4500		34.4	38.7	46.3	47.7	48.0	49.5	50.2	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.2	
GE 4000		38.3	44.1	52.7	54.5	54.8	56.2	57.0	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.0	
GE 3500		40.5	46.5	56.0	57.7	58.1	59.6	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	
GE 3000		45.6	52.7	64.1	66.2	66.6	68.5	69.5	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	
GE 2500		46.2	53.4	64.8	67.0	67.3	69.6	70.7	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	
GE 2000		48.0	55.6	67.5	69.9	70.4	73.0	74.3	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.4	
GE 1800		48.0	55.7	68.0	70.6	71.0	73.6	74.9	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.2	
GE 1500		49.1	57.4	70.6	73.9	74.4	77.9	79.2	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5	
GE 1200		50.3	59.3	74.2	78.6	79.3	83.1	84.5	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	
GE 1000		50.3	59.7	75.1	80.2	80.9	84.7	86.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.5	
GE 900		50.4	59.8	75.2	80.3	81.2	85.3	86.7	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.1	
GE 800		50.4	59.8	75.3	80.7	81.8	86.1	87.5	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.1	
GE 700		50.7	60.0	75.7	81.6	82.9	87.3	89.0	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	
GE 600		50.7	60.1	76.6	82.8	84.9	89.3	91.2	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1	
GE 500		50.7	60.1	76.6	82.8	84.9	89.3	91.2	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1	
GE 400		50.7	60.1	77.1	83.9	86.2	91.8	93.7	96.1	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.3	
GE 300		50.7	60.1	77.1	84.0	86.3	91.9	93.8	96.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.6	
GE 200		50.7	60.1	77.1	84.0	86.3	91.9	93.9	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.5	
GE 100		50.7	60.1	77.1	84.0	86.3	91.9	93.9	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	100.0	
GE 0		50.7	60.1	77.1	84.0	86.3	91.9	93.9	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: Q35963 STATION NAME: RAF BENIWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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		23.6	25.7	31.3	33.0	33.1	34.2	34.3	34.9	35.4	35.4	35.4	35.4	35.5	35.7	35.9	
GE 2000		25.5	27.6	34.0	35.7	35.8	36.9	37.0	37.6	38.3	38.3	38.3	38.3	38.5	38.7	38.9	
GE 1800		25.5	27.6	34.1	35.8	35.9	37.0	37.1	37.7	38.5	38.5	38.5	38.5	38.6	38.8	39.0	
GE 1600		25.5	27.6	34.1	35.8	35.9	37.0	37.1	37.7	38.5	38.5	38.5	38.5	38.6	38.8	39.0	
GE 1400		25.5	27.6	34.1	35.8	35.9	37.0	37.1	37.7	38.5	38.5	38.5	38.5	38.6	38.8	39.0	
GE 1200		25.5	27.6	34.1	35.8	35.9	37.0	37.1	37.7	38.5	38.5	38.5	38.5	38.6	38.8	39.0	
GE 1000		26.8	29.0	35.5	37.3	37.4	38.5	38.6	39.1	39.9	39.9	39.9	39.9	40.0	40.2	40.4	
GE 900		27.0	29.2	36.1	37.8	37.9	39.1	39.2	39.8	40.5	40.5	40.5	40.5	40.6	40.8	41.1	
GE 800		30.0	33.0	41.4	43.1	43.5	44.7	44.8	45.3	46.1	46.1	46.1	46.1	46.2	46.4	46.6	
GE 700		30.7	34.0	42.4	44.2	44.6	46.0	46.2	46.7	47.5	47.5	47.5	47.5	47.6	47.8	48.0	
GE 600		30.8	34.1	42.5	44.3	44.7	46.1	46.3	46.8	47.6	47.6	47.6	47.6	47.7	47.9	48.1	
GE 500		31.6	35.0	43.6	45.4	45.8	47.2	47.4	47.9	48.7	48.7	48.7	48.7	48.8	49.1	49.2	
GE 450		31.8	35.2	44.0	45.9	46.2	47.6	47.8	48.4	49.1	49.1	49.1	49.1	49.2	49.5	49.7	
GE 400		36.6	41.2	51.4	54.0	54.4	55.8	56.1	56.6	57.4	57.4	57.4	57.4	57.5	57.7	58.0	
GE 350		38.1	42.7	53.4	56.2	56.5	58.0	58.3	58.8	59.8	59.8	59.8	59.8	59.9	60.1	60.3	
GE 300		44.7	49.9	61.9	65.1	65.6	67.3	67.6	68.2	69.4	69.4	69.4	69.4	69.5	69.7	69.9	
GE 250		45.3	50.7	63.1	66.4	66.9	68.6	69.0	69.5	70.8	70.8	70.8	70.8	70.9	71.1	71.4	
GE 200		47.1	52.9	66.2	70.0	70.5	72.5	73.1	73.7	75.3	75.3	75.3	75.4	75.5	75.7	75.9	
GE 180		47.6	53.6	67.0	71.2	71.7	73.9	74.4	75.1	76.6	76.6	76.6	76.7	76.8	77.0	77.2	
GE 150		49.1	55.6	69.5	74.3	74.7	77.3	77.9	78.5	80.1	80.1	80.1	80.2	80.3	80.5	80.7	
GE 120		50.4	57.1	72.1	77.8	78.3	81.5	82.4	83.0	84.5	84.5	84.5	84.6	84.7	85.0	85.2	
GE 100		50.7	57.8	73.5	80.3	80.8	84.2	85.1	85.7	87.4	87.4	87.4	87.5	87.6	87.8	88.0	
GE 90		50.8	58.0	73.6	80.6	81.2	84.6	85.6	86.3	87.9	87.9	87.9	88.0	88.1	88.3	88.6	
GE 80		50.8	58.0	73.6	81.0	81.6	85.3	86.4	87.5	89.3	89.3	89.3	89.4	89.5	89.8	90.0	
GE 70		50.9	58.1	74.6	82.5	83.0	86.7	88.2	89.3	91.2	91.2	91.2	91.3	91.4	91.6	91.8	
GE 60		50.9	58.1	75.6	84.7	85.4	89.3	90.8	91.9	94.1	94.1	94.1	94.2	94.3	94.6	94.8	
GE 50		50.9	58.1	75.7	85.4	86.1	90.3	91.9	93.0	95.2	95.2	95.2	95.5	95.6	95.9	96.1	
GE 40		50.9	58.1	76.0	85.9	86.7	91.2	93.0	94.1	96.7	96.7	96.7	97.1	97.2	97.4	97.6	
GE 30		50.9	58.1	76.0	85.9	86.8	91.3	93.1	94.2	96.8	96.8	96.8	97.2	97.3	97.5	97.7	
GE 20		50.9	58.2	76.3	86.3	87.1	91.6	93.5	94.6	97.5	97.6	97.6	97.7	97.9	98.4	98.7	
GE 10		50.9	58.2	76.3	86.3	87.1	91.6	93.5	94.6	97.5	97.6	97.6	97.7	97.9	98.4	98.7	
GE	CL	50.9	58.2	76.3	86.3	87.1	91.6	93.5	94.6	97.5	97.6	97.6	97.7	97.9	98.4	98.7	

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	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	I	23.4	25.6	28.9	30.4	30.6	31.8	32.5	32.7	32.9	32.9	32.9	33.0	33.1	33.3	33.4	
GE 2000	01	26.5	29.0	33.1	34.7	35.1	36.2	36.9	37.2	37.4	37.4	37.4	37.5	37.6	37.8	37.9	
GE 1800	01	26.6	29.1	33.3	34.9	35.3	36.4	37.1	37.4	37.6	37.6	37.6	37.7	37.8	38.0	38.1	
GE 1600	01	26.6	29.1	33.3	34.9	35.3	36.4	37.1	37.4	37.6	37.6	37.6	37.7	37.8	38.0	38.1	
GE 1400	01	26.6	29.1	33.3	35.0	35.3	36.4	37.1	37.4	37.6	37.6	37.7	37.7	37.8	38.0	38.2	
GE 1200	01	26.7	29.2	33.4	35.1	35.4	36.6	37.3	37.5	37.8	37.8	37.8	37.9	38.0	38.2	38.3	
GE 1000	01	28.1	30.7	35.0	36.7	37.1	38.3	39.0	39.2	39.5	39.5	39.5	39.6	39.7	39.9	40.0	
GE 900	01	28.6	31.4	35.8	37.6	37.9	39.1	39.9	40.1	40.3	40.4	40.4	40.5	40.6	40.7	40.9	
GE 800	01	32.3	35.5	41.3	43.3	43.8	45.0	45.7	46.0	46.3	46.3	46.3	46.4	46.5	46.7	46.8	
GE 700	01	33.3	36.6	42.5	44.6	45.1	46.4	47.2	47.5	47.8	47.8	47.9	47.9	48.0	48.2	48.4	
GE 600	01	33.3	36.7	42.6	44.6	45.1	46.4	47.2	47.6	47.8	47.9	47.9	48.0	48.1	48.3	48.4	
GE 500	01	34.5	38.0	44.2	46.4	46.9	48.2	49.0	49.3	49.6	49.7	49.7	49.8	49.9	50.0	50.2	
GE 450	01	34.9	38.4	44.8	47.0	47.5	48.9	49.7	50.0	50.3	50.3	50.3	50.4	50.5	50.7	50.9	
GE 400	01	39.3	43.5	50.9	53.6	54.2	55.7	56.5	56.9	57.1	57.2	57.2	57.3	57.4	57.6	57.7	
GE 350	01	41.4	46.1	54.1	57.1	57.7	59.3	60.1	60.5	60.8	60.9	60.9	61.0	61.1	61.3	61.4	
GE 300	01	46.4	51.7	61.7	65.1	65.8	67.7	68.7	69.1	69.4	69.5	69.6	69.6	69.8	69.9	70.1	
GE 250	01	47.0	52.5	62.7	66.2	66.9	68.9	69.9	70.3	70.6	70.8	70.8	70.9	71.0	71.2	71.3	
GE 200	01	49.3	55.5	66.7	70.7	71.6	73.9	75.2	75.7	76.2	76.3	76.4	76.4	76.6	76.8	76.9	
GE 180	01	49.5	55.8	67.2	71.5	72.3	74.7	76.0	76.6	77.0	77.1	77.2	77.3	77.4	77.6	77.8	
GE 150	01	50.8	57.4	69.4	74.1	75.0	77.7	79.0	79.6	80.1	80.3	80.3	80.4	80.6	80.8	80.9	
GE 120	01	51.8	58.8	71.6	77.4	78.4	81.4	82.9	83.6	84.1	84.2	84.3	84.4	84.6	84.8	84.9	
GE 100	01	52.1	59.4	73.3	79.4	80.4	83.6	85.4	86.1	86.6	86.8	86.8	87.0	87.1	87.3	87.5	
GE 90	01	52.3	59.7	73.7	80.0	81.1	84.4	86.2	87.0	87.5	87.7	87.7	87.8	88.0	88.2	88.3	
GE 80	01	52.5	59.9	74.2	80.9	82.0	85.5	87.5	88.5	89.2	89.4	89.4	89.5	89.7	89.9	90.1	
GE 70	01	52.6	60.2	75.1	82.2	83.4	87.0	89.3	90.4	91.2	91.3	91.4	91.5	91.7	91.9	92.0	
GE 60	01	52.9	60.5	75.8	83.4	84.9	88.7	91.2	92.3	93.2	93.4	93.5	93.6	93.7	93.9	94.1	
GE 50	01	52.9	60.5	76.1	84.1	85.6	90.0	92.7	93.9	94.9	95.1	95.3	95.4	95.6	95.8	96.0	
GE 40	01	52.9	60.5	76.3	84.5	86.2	90.9	93.8	95.3	96.5	96.7	96.9	97.0	97.2	97.4	97.6	
GE 30	01	52.9	60.5	76.3	84.6	86.2	91.0	93.9	95.5	96.9	97.1	97.3	97.5	97.7	97.9	98.1	
GE 20	01	52.9	60.5	76.3	84.6	86.4	91.2	94.3	95.9	97.5	97.8	98.0	98.3	98.6	99.0	99.3	
GE 10	01	52.9	60.5	76.3	84.6	86.4	91.2	94.3	95.9	97.5	97.9	98.0	98.4	99.1	99.4	100.0	
GE	01	52.9	60.5	76.3	84.6	86.4	91.2	94.3	95.9	97.5	97.9	98.0	98.4	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

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

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 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 C
NO CEIL	I	24.3	26.6	30.3	32.1	32.6	33.7	34.4	34.6	34.9	34.9	35.0	35.1	35.2	35.2	35.4	
GE 20000	I	28.3	31.0	35.5	37.7	38.3	39.6	40.5	40.7	41.1	41.1	41.2	41.3	41.4	41.5	41.6	
GE 18000	I	28.4	31.1	35.7	37.9	38.5	39.8	40.6	40.9	41.2	41.3	41.4	41.5	41.6	41.7	41.8	
GE 16000	I	28.4	31.1	35.7	37.9	38.5	39.8	40.7	40.9	41.2	41.3	41.4	41.5	41.6	41.7	41.8	
GE 14000	I	28.4	31.1	35.7	38.0	38.5	39.9	40.7	41.0	41.3	41.4	41.4	41.5	41.6	41.7	41.9	
GE 12000	I	28.6	31.3	36.0	38.2	38.8	40.1	41.0	41.2	41.6	41.7	41.7	41.8	41.9	42.0	42.2	
GE 10000	I	30.0	32.9	37.8	40.1	40.7	42.1	43.0	43.2	43.6	43.7	43.8	43.8	43.9	44.0	44.2	
GE 9000	I	30.5	33.5	38.4	40.8	41.4	42.8	43.7	44.0	44.3	44.4	44.5	44.6	44.7	44.8	44.9	
GE 8000	I	34.1	37.5	43.3	46.0	46.7	48.3	49.3	49.6	50.0	50.1	50.2	50.3	50.4	50.5	50.7	
GE 7000	I	34.9	38.4	44.4	47.2	47.9	49.5	50.5	50.8	51.3	51.4	51.4	51.5	51.6	51.7	51.9	
GE 6000	I	35.0	38.5	44.4	47.2	47.9	49.6	50.6	50.9	51.3	51.4	51.5	51.6	51.7	51.8	52.0	
GE 5000	I	36.8	40.6	46.8	49.8	50.5	52.2	53.2	53.5	54.0	54.1	54.2	54.3	54.4	54.5	54.6	
GE 4500	I	37.6	41.4	47.8	50.8	51.6	53.3	54.4	54.7	55.2	55.3	55.4	55.4	55.6	55.7	55.8	
GE 4000	I	43.0	47.3	54.5	58.0	58.8	60.8	62.0	62.3	62.8	62.9	63.0	63.1	63.2	63.3	63.5	
GE 3500	I	45.8	50.4	58.1	61.7	62.6	64.8	66.0	66.3	66.9	67.0	67.1	67.2	67.3	67.4	67.6	
GE 3000	I	52.4	57.6	66.4	70.6	71.6	73.9	75.4	75.8	76.4	76.6	76.7	76.8	76.9	77.0	77.2	
GE 2500	I	53.3	58.6	67.6	72.0	73.0	75.4	76.9	77.3	78.0	78.1	78.2	78.3	78.4	78.5	78.7	
GE 2000	I	55.7	61.5	71.2	76.1	77.3	79.9	81.5	82.0	82.7	82.8	82.9	83.0	83.2	83.3	83.5	
GE 1800	I	55.9	61.7	71.6	76.5	77.7	80.3	82.0	82.5	83.2	83.3	83.4	83.5	83.7	83.8	84.0	
GE 1500	I	56.9	63.0	73.3	78.6	79.9	82.7	84.5	85.0	85.8	85.9	86.1	86.2	86.3	86.4	86.6	
GE 1200	I	57.8	64.2	75.2	81.0	82.4	85.5	87.4	88.0	88.8	89.0	89.1	89.2	89.3	89.4	89.6	
GE 1000	I	58.2	64.7	76.2	82.3	83.6	87.1	89.2	89.8	90.7	90.8	91.0	91.1	91.2	91.3	91.5	
GE 900	I	58.3	64.8	76.5	82.8	84.3	87.7	89.8	90.5	91.4	91.5	91.7	91.8	91.9	92.0	92.2	
GE 800	I	58.4	65.0	76.9	83.3	84.9	88.5	90.7	91.4	92.3	92.5	92.6	92.7	92.9	93.0	93.2	
GE 700	I	58.6	65.2	77.3	84.1	85.7	89.4	91.8	92.6	93.6	93.8	93.9	94.0	94.2	94.3	94.5	
GE 600	I	58.7	65.3	77.7	84.6	86.3	90.2	92.7	93.5	94.6	94.8	95.0	95.1	95.3	95.4	95.6	
GE 500	I	58.7	65.4	77.9	85.0	86.8	91.0	93.7	94.6	95.8	96.1	96.3	96.4	96.6	96.7	96.9	
GE 400	I	58.7	65.4	78.0	85.2	87.0	91.3	94.2	95.2	96.6	96.9	97.1	97.3	97.5	97.7	97.9	
GE 300	I	58.7	65.4	78.0	85.2	87.1	91.5	94.5	95.5	97.0	97.4	97.6	97.9	98.2	98.4	98.7	
GE 200	I	58.7	65.4	78.0	85.2	87.1	91.5	94.5	95.7	97.2	97.7	98.0	98.3	98.7	99.0	99.4	
GE 100	I	58.7	65.4	78.0	85.2	87.1	91.5	94.5	95.7	97.2	97.7	98.0	98.3	98.8	99.1	99.9	
GE C	I	58.7	65.4	78.0	85.2	87.1	91.5	94.5	95.7	97.2	97.7	98.0	98.3	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 87103

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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 ASTERISK 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 PROJECT
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035963

STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90							.1						.1
GE 85						.5	.4		.1				.1
GE 80						1.5	3.3	2.0	.6				.6
GE 75				.1	.8	7.0	14.9	11.4	3.7	.2			3.2
GE 70			.2	.7	4.9	23.1	39.9	37.6	17.8	2.1			10.6
GE 65			1.0	2.1	15.9	50.6	73.6	76.0	48.1	10.9	.1		23.4
GE 60		.1	2.8	13.1	46.7	83.2	96.5	98.4	85.7	36.2	2.8	.3	38.5
GE 55	1.3	3.2	12.3	34.5	77.2	97.9	99.9	99.9	98.9	76.2	21.7	5.6	52.5
GE 50	15.7	16.4	39.3	68.3	97.1	100.0	100.0	100.0	100.0	95.3	57.3	28.1	68.1
GE 45	42.9	40.6	69.3	91.9	99.7					99.9	84.2	57.8	82.2
GE 40	67.4	67.3	89.6	98.8	100.0					100.0	96.7	84.7	92.1
GE 35	92.1	90.2	99.1	99.9							99.9	97.0	98.0
GE 30	93.4	98.6	100.0	100.0							100.0	99.0	99.7
GE 25	99.9	99.9										100.0	100.0
GE 20	100.0	100.0											100.0
MEAN	42.7	42.8	47.6	52.3	59.1	65.2	68.5	68.4	64.8	58.1	50.0	45.5	55.4
SD	6.176	6.402	6.240	6.068	5.839	5.958	5.568	4.900	5.073	5.173	5.399	5.737	11.011
TOTAL OBS	1092	989	1082	1050	1085	1045	1113	1071	1016	1049	1076	1093	12751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 075963

STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-67

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 65							.4	.3					.7
GE 60						2.2	10.2	11.5	3.9	1.0			2.4
GE 55				.1	1.8	21.1	50.5	49.8	26.3	9.9	.8		13.1
GE 50	.5	.3	.7	2.6	19.7	63.2	87.4	85.8	62.8	33.0	8.6	2.1	30.7
GE 45	6.1	3.6	5.4	17.9	60.2	89.8	99.1	98.4	88.4	63.2	28.8	14.3	48.0
GE 40	22.7	18.6	27.7	51.9	88.9	98.9	100.0	99.9	98.1	85.6	54.5	23.7	65.1
GE 35	52.4	49.4	67.9	84.4	98.4	100.0		100.0	99.9	97.7	82.6	66.0	83.3
GE 30	63.7	62.3	79.3	92.2	99.5				100.0	99.4	87.7	75.4	88.4
GE 25	82.1	82.3	90.7	96.0	99.9					99.9	96.6	87.8	94.0
GE 20	93.5	95.0	98.2	100.0	100.0					100.0	99.6	96.9	98.7
GE 15	98.5	98.6	99.8								100.0	99.6	99.7
GE 10	99.1	100.0	100.0									100.0	99.9
GE 5	99.8												100.0
GE 0	100.0												100.0
MEAN	34.7	34.3	36.6	39.7	45.4	50.6	54.2	54.2	50.9	46.4	40.4	37.0	43.7
SD	6.564	5.863	5.180	5.050	4.670	4.530	4.255	4.518	5.247	6.053	6.344	6.482	9.026
TOTAL OPS	1092	989	1082	1050	1085	1045	1113	1071	1016	1049	1078	1083	12753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 035063

STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 800							.1						.1
GE 750							.3						.3
GE 700						1.1	3.3	3.2	.9				.7
GE 650					.4	9.3	25.7	22.9	7.2	1.3			5.6
GE 600				.5	6.9	36.7	66.5	67.8	39.4	9.0	.1		19.6
GE 550	.1		.8	5.3	23.2	77.9	96.0	96.0	76.1	33.7	4.2		35.5
GE 500	3.4	2.6	7.7	26.2	74.8	97.6	99.9	100.0	97.2	72.5	24.3	8.9	51.3
GE 450	10.5	17.7	34.5	62.7	96.2	100.0	100.0		100.0	94.2	57.4	31.8	67.6
GE 400	47.9	45.6	71.3	91.5	99.6					99.8	85.3	63.9	83.6
GE 350	76.9	77.8	92.9	99.7	100.0					100.0	97.7	88.4	94.5
GE 300	94.0	94.2	99.8	100.0							100.0	98.3	98.6
GE 250	98.9	98.4	100.0									99.9	99.8
GE 200	99.7	100.0										100.0	100.0
GE 150	100.0												100.0
MEAN	79.0	78.6	42.4	46.3	52.5	76.2	61.6	61.5	58.1	52.5	45.5	41.6	49.6
SD	6.079	5.784	5.137	5.019	4.683	4.636	4.338	4.071	4.489	5.091	5.485	5.804	9.715
TOTAL OPS	1092	989	1082	1050	1085	1045	1113	1071	1016	1049	1078	1083	12752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF PENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-97

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51						76	78	73	78	63	59	53	
52	53	52	60	73	74	66	61	79	71	60	55	50	56
53	55	57	64	60	76	77	79	83	76	74	57	57	63
54	52	52	58	67	76	74	75	79	75	71	60	57	79
55	52	52	57	70	64	74	83	79	77	65	58	58	63
56	57	53	59	62	73	70	60	72	73	62	53	55	60
57	56												
58	49	58	57	68	70	73	81	76			56	55	
59	53	59	57	64	72	80	83	82	80	76	56	52	63
60	52	60	57	62	71	78	72	76	72	64	61	55	78
61	53	57	69	63	72	84	86	82	78	67	62	59	66
62	52	56	56	66	67	73	72	75	80	69	57	56	60
63	40	41	60	66	72	74	75	72	73	65	60	52	75
64	50	53	51	60	74	77	77	81	79	65	50	55	61
65	53	49	71	59	71	72	71	75	66	70	58	55	75
66	51	55	55	61	73	77	76	73	72	64	58	53	77
67	50	55	62	67	67	72	80	80	72	68	59	56	80
68	54	47	67	73	67	72	81	76	72	68	59	50	81
69	55	50	56	72	76	76	85	79	76	73	65	49	85
70	49	52	58	61	70	81	81	76	77	70	63	54	81
71	52	52	54	61	72	70	83	79	74	72	63	61	83
72	50	52	65	63	68	68	79	71	69	64	59	55	79
73	50	53	59	59	68	75	80	82	87	86	60	55	87
74	52	55	60	66	73	77	78	80	73	57	59	60	80
75	57	55	50	62	64	80	78				59	53	
76	59	59	62	69	78	87	66	80	71	68	55	48	67
77	50	53	62	60	68	75	84	75	75	62	60	59	64
78	48	51	57	55	73	77	73	75	87	68	60	53	62
79	46	44	57	66	73	73	78	78	75	72	61	61	78
80	52	50	54	68	70	72	75	81	70	64	57	57	81

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF PLINTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	57	55	*59	63	72		77	81	73	64	61	50	
82	54	54	55	61	72	77	*79	82	75	63	61	57	82
83	*55	54	61	59	68	79	93	79	75	72	61	59	93
84	59	55	52	64	63	73	81	82	79	70	*61	55	82
85	52	57	*61	69	73	77	81	79	75	73	61	*57	81
86	*52	37	57	59	66	81	*81	73	70	72	61	59	81
87	50	57	54	75	70	75	77	82	75	64	55		
MEAN	52.2	52.9	58.5	63.9	70.7	76.2	79.4	78.0	74.5	67.4	59.1	51.1	81.0
S.D.	3.780	4.865	4.866	4.751	3.616	4.375	4.593	3.529	3.598	4.471	2.589	3.406	3.210
TOTAL OBS	1092	989	1082	1050	1085	1045	1113	1071	1016	1049	1078	1083	1273

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: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-97

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
51						44	45	47	43	35	31	25	
52	18	23	30	30	40	42	47	47	34	33	20	22	18
53	28	27	24	30	33	40	49	46	41	34	30	34	24
54	22	21	24	29	35	38	45	46	36	35	29	29	21
55	15	21	24	30	35	40	43	45	41	31	30	25	15
56	20	15	27	20	35	40	47	42	47	38	28	28	15
57	*31												
58	*20	27	19	30	33	39	47	*47			31	28	
59	24	26	32	36	35	42	46	49	44	37	28	30	24
60	24	24	34	35	34	42	43	44	44	35	33	31	24
61	20	33	30	34	36	40	46	48	46	33	30	21	21
62	23	27	22	33	32	35	42	47	38	34	26	19	19
63	9	17	27	29	35	49	45	47	43	37	30	24	9
64	23	26	27	29	42	41	41	40	40	30	24	16	16
65	28	26	19	32	36	38	40	46	39	33	23	21	19
66	20	25	27	29	39	41	44	39	42	38	31	22	20
67	21	20	33	27	29	40	49	47	42	37	30	24	21
68	14	27	32	31	37	44	44	42	44	41	30	19	14
69	30	15	25	32	37	41	46	48	37	39	26	26	15
70	21	24	24	26	39	44	46	41	44	35	29	29	21
71	23	27	27	32	37	45	45	49	43	36	29	32	23
72	13	32	34	34	40	41	45	44	37	33	30	26	13
73	30	24	28	32	33	39	40	51	*44	*35	26	23	23
74	24	30	30	35	33	42	46	46	30	37	30	33	24
75	33	26	30	30	35	37	44				32	26	
76	30	32	30	28	41	41	46	42	44	42	30	23	23
77	10	24	*30	26	37	41	48	48	44	*39	32	33	19
78	24	17	26	29	37	37	44	46	37	39	30	24	17
79	14	24	28	28	32	44	48	44	37	34	34	34	14
80	25	30	28	34	36	45	46	43	45	32	30	27	25

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 51-PY

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
81	27	23	*32	32	32		48	46	45	34	36	21	
82	21	28	27	30	36	43	*48	46	43	36	30	27	21
83	*30	28	32	34	39	45	50	50	45	28	25	23	23
84	27	28	30	27	37	41	45	52	45	36	*36	27	27
85	7	19	*28	32	41	43	48	45	43	37	25	*27	7
86	*23	19	25	30	39	43	*46	46	39	39	36	28	19
87	16	27	25	34	37	43	48	41	43	34	28		
MEAN	21.9	24.9	27.5	30.7	36.0	41.4	45.6	45.6	41.6	35.4	29.2	21.9	19.0
S.F.	6.780	4.626	3.852	2.715	3.063	2.698	2.268	3.076	3.315	3.056	3.359	4.144	4.339
TOTAL OBS	1092	989	1032	1050	1085	1045	1113	1071	1016	1049	1072	1083	1213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	38.1	36.9	40.0	42.9	47.9	53.8	57.8	57.6	55.5	50.8	45.7	42.1	47.5
	SD	6.859	6.018	5.377	4.939	4.779	4.509	4.645	4.688	5.516	6.113	6.923	6.689	9.198
	TOT OBS	922	840	927	900	927	897	915	929	900	930	888	902	10877
03-05	MEAN	37.4	36.2	39.1	41.9	46.9	52.8	56.5	56.1	54.0	49.9	45.0	41.6	46.5
	SD	7.004	6.238	5.374	4.921	4.726	4.363	4.623	4.817	5.626	6.139	6.920	6.698	9.017
	TOT OBS	925	840	926	900	927	899	915	930	900	930	888	903	10683
06-08	MEAN	37.3	36.0	39.6	43.7	50.1	56.3	59.9	58.7	55.6	50.2	44.9	41.4	47.9
	SD	7.070	6.164	5.300	5.022	4.981	4.488	4.671	4.665	5.358	6.163	6.893	6.716	9.913
	TOT OBS	927	843	925	900	925	898	914	930	900	927	886	909	10884
09-11	MEAN	38.7	38.1	43.5	48.3	54.4	60.7	64.8	64.6	61.5	54.7	47.3	42.5	51.7
	SD	6.688	5.985	4.982	5.577	5.726	5.346	5.507	5.095	4.810	5.430	6.427	6.397	11.002
	TOT OBS	927	842	924	900	924	898	912	930	900	927	883	921	10886
12-14	MEAN	40.7	40.0	45.9	50.4	56.3	62.7	66.9	67.0	64.2	57.0	49.5	44.5	53.8
	SD	6.317	6.205	5.196	6.206	5.943	5.874	6.063	5.504	5.144	5.138	5.769	6.052	11.137
	TOT OBS	927	842	924	900	925	899	912	930	900	930	880	918	10887
15-17	MEAN	40.2	39.7	45.4	49.7	55.8	62.3	66.6	66.3	63.4	55.8	48.3	43.7	53.2
	SD	6.391	6.108	5.350	6.206	5.901	5.791	5.959	5.179	5.106	5.073	5.855	6.171	11.128
	TOT OBS	927	840	925	900	924	898	915	929	900	930	882	916	10899
18-20	MEAN	38.8	37.9	42.5	46.4	52.4	59.1	63.2	62.6	59.6	52.7	46.6	42.5	50.4
	SD	6.523	5.914	5.170	5.376	5.447	5.238	5.294	4.458	4.886	5.398	6.462	6.334	10.388
	TOT OBS	927	840	927	900	924	898	913	930	900	930	881	916	10888
21-23	MEAN	38.2	37.1	40.0	44.0	49.3	55.5	59.5	59.1	56.9	51.3	45.8	42.0	48.4
	SD	6.630	5.923	5.269	4.944	4.877	4.506	4.586	4.367	5.051	5.836	6.757	6.493	9.494
	TOT OBS	927	840	927	900	926	899	913	930	900	930	882	918	10692
ALL HOURS	MEAN	38.7	37.7	42.4	45.9	51.6	57.9	61.9	61.5	58.8	52.9	46.6	42.6	49.9
	SD	6.787	6.236	5.803	6.220	6.296	6.194	6.407	6.227	6.349	6.221	6.698	6.518	10.515
	TOT OBS	7409	6727	7405	7200	7402	7186	7306	7436	7200	7434	7070	7307	87087

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURLS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	35.3	34.4	37.5	40.1	45.2	50.5	54.5	54.6	52.3	48.1	42.5	39.5	44.6
	SD	6.418	5.808	5.187	4.717	4.656	4.368	4.538	4.780	5.493	5.996	6.752	6.457	8.925
	TOT OBS	922	840	927	900	927	897	915	924	900	937	888	902	10877
03-05	MEAN	34.8	33.8	36.6	39.3	44.5	49.8	53.6	53.5	51.2	47.3	41.9	39.0	43.9
	SD	6.531	5.913	5.244	4.682	4.655	4.347	4.594	4.906	5.533	6.074	6.729	6.473	8.818
	TOT OBS	925	840	926	900	927	899	915	930	900	930	888	903	10983
06-08	MEAN	34.7	33.6	37.2	40.7	46.7	52.1	55.9	55.4	52.3	47.5	41.9	38.8	44.8
	SD	6.623	5.832	5.185	4.663	4.614	4.276	4.520	4.556	5.159	6.002	6.728	6.491	9.382
	TOT OBS	927	843	925	900	925	898	914	930	900	927	886	909	10884
09-11	MEAN	35.8	35.2	40.1	43.6	49.0	54.3	58.1	58.0	55.6	50.6	43.7	39.7	47.0
	SD	6.268	5.695	4.772	4.743	4.921	4.729	4.768	4.393	4.451	5.147	6.354	6.280	9.601
	TOT OBS	927	842	923	900	924	898	912	930	900	927	883	921	10947
12-14	MEAN	37.3	36.5	41.5	44.7	50.0	55.3	59.0	58.9	56.6	51.7	45.2	41.2	48.2
	SD	5.875	5.822	4.925	5.058	5.074	4.912	4.808	4.483	4.501	4.942	5.739	5.949	9.378
	TOT OBS	927	841	924	900	925	899	912	930	900	937	880	918	10896
15-17	MEAN	36.9	36.3	41.2	44.2	49.7	55.1	58.9	58.7	56.4	51.7	44.5	40.6	47.9
	SD	6.065	5.836	4.982	5.044	4.894	4.775	4.740	4.316	4.522	4.958	5.869	6.186	9.468
	TOT OBS	927	840	925	900	924	898	915	929	900	930	882	918	10888
18-20	MEAN	35.9	35.1	39.3	42.3	47.8	53.5	57.5	57.3	54.7	49.3	43.3	39.8	46.4
	SD	6.193	5.731	4.946	4.677	4.729	4.458	4.576	4.229	4.707	5.339	6.445	6.197	9.375
	TOT OBS	927	840	927	900	924	898	913	930	900	930	891	916	10848
21-23	MEAN	35.4	34.5	38.1	40.8	46.1	51.6	55.6	55.5	53.2	48.3	42.6	39.4	45.1
	SD	6.272	5.746	5.006	4.588	4.629	4.186	4.329	4.495	5.099	5.673	6.589	6.335	9.050
	TOT OBS	927	840	927	900	926	899	913	930	900	930	892	916	10892
ALL	MEAN	35.8	34.9	38.9	42.0	47.4	52.8	56.6	56.5	54.0	49.2	43.2	39.8	46.0
	SD	6.343	5.882	5.314	5.131	5.152	4.916	4.989	4.897	5.314	5.756	6.501	6.328	9.376
HOURS	TOT OBS	7409	6726	7404	7200	7402	7186	7309	7438	7200	7434	7070	7307	87085

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	31.0	30.2	34.0	36.5	42.1	47.5	51.8	52.1	49.5	45.3	38.7	36.0	41.3
	SD	7.425	6.972	6.072	5.661	5.518	5.253	5.365	5.747	6.288	6.717	7.709	7.367	9.907
	TOT OBS	922	840	927	900	927	899	915	929	900	930	888	902	10677
03-05	MEAN	30.4	29.7	33.4	35.9	41.7	47.1	51.1	51.3	48.6	44.7	38.2	35.4	40.7
	SD	7.455	6.970	6.165	5.562	5.473	5.233	5.418	5.767	6.659	6.772	7.641	7.485	9.843
	TOT OBS	925	840	926	900	927	899	915	930	900	930	888	903	10883
06-08	MEAN	30.4	29.4	33.8	36.8	43.1	48.5	52.6	52.6	49.5	44.7	38.2	35.2	41.3
	SD	7.642	6.936	6.164	5.567	5.591	5.261	5.528	5.529	5.691	6.735	7.744	7.498	10.241
	TOT OBS	927	843	925	900	925	898	914	930	900	927	886	909	10884
09-11	MEAN	31.3	30.6	35.6	38.0	43.5	48.9	53.0	53.0	50.7	46.7	39.5	35.9	42.3
	SD	7.329	6.963	5.847	5.881	6.294	5.896	6.632	5.781	5.689	6.169	7.499	7.407	10.112
	TOT OBS	927	842	923	900	924	898	912	930	900	927	883	921	10687
12-14	MEAN	32.3	31.1	35.9	37.9	43.6	49.1	53.0	52.7	50.3	46.7	40.3	37.0	42.6
	SD	7.127	7.178	6.534	6.361	6.766	6.093	6.033	5.997	6.117	6.474	7.223	7.196	9.964
	TOT OBS	927	841	924	900	925	899	912	930	900	930	880	916	10886
15-17	MEAN	32.0	31.1	35.7	37.6	43.6	49.1	53.1	52.8	50.6	46.5	40.0	36.6	42.5
	SD	7.365	7.189	6.364	6.240	6.395	5.901	5.956	5.976	6.230	6.409	7.249	7.300	10.043
	TOT OBS	927	840	925	900	924	898	915	929	900	910	882	910	10088
18-20	MEAN	31.4	30.6	34.9	37.3	43.0	48.7	53.0	53.1	50.6	45.9	39.3	36.1	42.1
	SD	7.345	7.084	6.076	5.783	5.901	5.421	5.700	5.780	5.967	6.322	7.528	7.216	10.084
	TOT OBS	927	840	927	900	924	898	913	930	900	930	881	918	10888
21-23	MEAN	31.1	30.2	34.2	36.8	42.5	48.0	52.5	52.5	50.0	45.3	38.8	35.7	41.5
	SD	7.375	6.928	5.965	5.562	5.623	5.113	5.298	5.672	6.113	6.443	7.540	7.322	9.990
	TOT OBS	927	840	927	900	926	899	913	930	900	930	882	916	10892
ALL	MEAN	31.2	30.3	34.7	37.1	42.9	48.4	52.5	52.5	50.0	45.7	39.1	36.0	41.8
	SD	7.407	7.048	6.221	5.871	5.995	5.575	5.711	5.805	6.060	6.552	7.551	7.367	10.042
	TOT OBS	7409	6726	7404	7200	7402	7186	7309	7438	7200	7434	7070	7307	87085

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-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	00-02	100.0	100.0	100.0	100.0	99.7	92.3	65.8	37.7	8.6	76.1	921
	03-05	100.0	100.0	100.0	100.0	99.4	92.6	66.4	37.8	9.7	76.3	925
	06-08	100.0	100.0	100.0	100.0	99.1	92.9	67.5	39.1	10.6	76.6	927
	09-11	100.0	100.0	100.0	100.0	98.5	91.8	62.0	34.2	8.6	75.5	927
	12-14	100.0	100.0	100.0	99.7	96.3	81.6	51.9	28.6	6.8	72.5	927
	15-17	100.0	100.0	100.0	99.6	97.6	83.7	54.9	27.4	7.1	72.9	927
	18-20	100.0	100.0	100.0	100.0	99.1	90.5	62.0	35.8	9.0	75.3	927
	21-23	100.0	100.0	100.0	100.0	99.0	90.9	65.3	37.0	9.0	76.0	927
TOTALS		100.0	100.0	100.0	99.9	98.6	89.5	62.0	34.7	8.7	75.2	7404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: Q35963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		1%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
FEB	00-02	100.0	100.0	100.0	100.0	100.0	93.9	68.8	38.6	12.3	77.1	841	
	03-05	100.0	100.0	100.0	100.0	100.0	95.2	71.0	38.6	11.2	77.6	841	
	06-08	100.0	100.0	100.0	100.0	99.4	94.9	71.2	40.6	11.3	77.4	843	
	09-11	100.0	100.0	100.0	100.0	98.5	89.5	60.8	31.2	9.3	74.8	842	
	12-14	100.0	100.0	100.0	100.0	96.7	81.6	46.7	22.0	7.7	71.1	841	
	15-17	100.0	100.0	100.0	100.0	98.1	83.9	49.0	23.6	7.5	72.0	841	
	18-20	100.0	100.0	100.0	100.0	99.5	91.2	61.4	33.8	9.8	75.4	841	
	21-23	100.0	100.0	100.0	100.0	99.8	93.6	66.3	36.5	11.1	76.4	841	
	TOTALS	100.0	100.0	100.0	100.0	99.0	90.5	61.9	33.1	10.0	75.2	6721	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-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	00-02	100.0	100.0	100.0	100.0	99.8	97.3	77.8	46.7	14.7	79.4	927
	03-05	100.0	100.0	100.0	100.0	100.0	97.8	82.2	51.2	16.0	80.4	921
	06-08	100.0	100.0	100.0	100.0	100.0	96.5	81.8	50.6	13.5	80.0	921
	09-11	100.0	100.0	100.0	100.0	98.8	88.2	59.5	30.2	6.7	74.2	923
	12-14	100.0	100.0	100.0	99.5	91.0	72.9	46.3	21.8	3.5	69.2	924
	15-17	100.0	100.0	100.0	99.9	91.7	76.2	50.3	20.4	2.6	69.6	925
	18-20	100.0	100.0	100.0	100.0	98.4	89.0	63.5	31.8	6.6	74.9	927
	21-23	100.0	100.0	100.0	100.0	99.8	93.3	72.9	41.6	10.6	77.6	927
	TOTALS	100.0	100.0	100.0	99.9	97.4	88.9	66.8	36.8	9.3	75.7	7404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM OBS	
APR	00-02	100.0	100.0	100.0	100.0	99.2	94.3	75.9	43.7	12.0	78.3	901	
	03-05	100.0	100.0	100.0	100.0	100.0	96.1	79.0	48.4	14.6	79.6	901	
	06-08	100.0	100.0	100.0	100.0	99.3	92.7	73.0	37.3	10.2	77.2	901	
	09-11	100.0	100.0	100.0	99.1	91.0	71.7	44.1	15.9	4.2	68.3	901	
	12-14	100.0	100.0	99.9	96.9	81.1	56.1	30.7	12.0	2.6	63.5	901	
	15-17	100.0	100.0	99.9	97.6	83.4	59.9	35.6	11.7	2.0	64.3	901	
	18-20	100.0	100.0	100.0	99.7	95.0	78.2	53.8	23.6	6.0	71.3	901	
	21-23	100.0	100.0	100.0	100.0	98.8	90.8	70.1	36.2	9.2	76.2	901	
	TOTALS	100.0	100.0	100.0	99.2	93.5	79.9	57.8	28.6	7.6	72.3	7201	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAY	00-02	100.0	100.0	100.0	100.0	99.6	98.7	68.3	49.3	16.3	80.6	927
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	92.2	56.3	27.6	82.4	927
	06-08	100.0	100.0	100.0	100.0	99.2	93.4	77.6	38.7	11.6	77.5	925
	09-11	100.0	100.0	100.0	98.8	90.3	70.1	45.5	15.7	4.1	67.6	924
	12-14	100.0	100.0	99.7	96.4	82.9	59.6	35.5	9.2	2.7	63.9	925
	15-17	100.0	100.0	100.0	97.1	84.8	59.5	35.9	13.7	2.7	64.8	924
	18-20	100.0	100.0	100.0	99.4	94.6	80.3	55.5	22.3	5.1	71.2	924
	21-23	100.0	100.0	100.0	100.0	98.9	95.1	79.8	38.9	10.6	77.7	926
TOTALS		100.0	100.0	100.0	99.0	93.8	81.7	63.8	30.3	9.2	73.2	7402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035967 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87
MONTH: JUN

MONTH	HOURS (LS 1)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM
JUN	00-02	100.0	100.0	100.0	100.0	100.0	98.9	86.0	44.5	11.0	79.5	897
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	92.5	50.7	15.6	81.1	899
	06-08	100.0	100.0	100.0	100.0	99.9	95.0	71.9	27.7	5.9	75.6	898
	09-11	100.0	100.0	100.0	99.9	94.3	65.5	35.3	9.6	1.4	65.9	898
	12-14	100.0	100.0	100.0	98.9	85.3	48.9	24.2	6.3	.8	61.9	899
	15-17	100.0	100.0	100.0	98.2	86.3	56.7	29.5	6.2	1.1	63.1	898
	18-20	100.0	100.0	100.0	99.6	95.3	77.1	50.0	14.6	2.8	69.1	898
	21-23	100.0	100.0	100.0	100.0	99.8	94.7	77.3	31.4	7.3	76.4	899
TOTALS		100.0	100.0	100.0	99.6	95.1	79.5	58.3	23.9	5.7	71.6	7186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7P-87

MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUL	00-02	100.0	100.0	100.0	100.0	99.2	96.0	87.3	47.7	17.3	80.6	915
	03-05	100.0	100.0	100.0	100.0	99.5	97.6	91.0	56.6	22.7	82.4	915
	06-08	100.0	100.0	100.0	100.0	99.1	93.9	76.5	35.2	12.6	77.2	914
	09-11	100.0	100.0	100.0	99.7	91.2	66.4	37.6	11.7	3.0	66.4	912
	12-14	100.0	100.0	99.6	98.2	82.2	50.4	25.7	6.4	2.3	62.2	911
	15-17	100.0	100.0	99.7	98.1	83.7	55.6	29.9	8.3	1.6	63.0	915
	18-20	100.0	100.0	99.9	98.9	95.1	79.7	52.8	17.9	4.2	70.3	912
	21-23	100.0	100.0	100.0	99.5	98.5	94.9	79.2	39.1	13.1	78.2	913
TOTALS		100.0	100.0	99.9	99.3	93.6	79.3	60.0	27.9	9.6	72.5	7309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NOF OBS
AUG	00-02	100.0	100.0	100.0	99.6	98.7	97.2	90.3	55.8	22.9	82.3	925
	03-05	100.0	100.0	100.0	99.7	98.6	98.7	94.5	63.5	28.4	84.3	931
	06-08	100.0	100.0	100.0	99.5	98.3	95.9	85.5	49.4	20.2	80.7	930
	09-11	100.0	100.0	99.9	98.4	92.6	67.7	38.3	13.8	4.3	67.1	930
	12-14	100.0	100.0	99.9	96.6	79.7	46.5	25.1	7.6	1.4	61.2	930
	15-17	100.0	100.0	99.8	96.3	82.9	53.7	30.2	9.9	1.8	63.0	925
	18-20	100.0	100.0	100.0	98.8	95.9	78.7	57.5	25.1	6.3	72.0	930
	21-23	100.0	100.0	100.0	99.5	98.7	94.3	81.7	46.0	15.4	79.5	931
TOTALS		100.0	100.0	100.0	98.6	93.2	78.9	62.9	33.9	12.6	73.8	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
SEP	00-02	100.0	100.0	100.0	99.9	99.9	98.8	89.4	50.7	11.3	80.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	94.9	54.6	11.2	81.9	900
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	90.6	44.4	8.9	79.9	900
	09-11	100.0	100.0	100.0	99.8	95.7	76.0	44.2	12.0	1.4	68.3	900
	12-14	100.0	100.0	99.8	97.2	82.0	50.1	23.6	6.2	1.0	61.6	900
	15-17	100.0	100.0	99.9	97.2	85.4	59.0	32.7	9.2	2.9	64.1	900
	18-20	100.0	100.0	100.0	99.6	97.4	85.0	62.9	23.9	5.1	73.0	900
	21-23	100.0	100.0	100.0	100.0	99.9	95.9	81.0	38.4	7.8	77.9	900
	TOTALS	100.0	100.0	100.0	99.2	95.0	82.9	64.9	29.9	6.2	73.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 78-87
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
OCT	00-02	100.0	100.0	100.0	100.0	99.8	98.6	89.0	56.9	15.5	81.4	930	
	03-05	100.0	100.0	100.0	100.0	99.9	98.6	90.8	60.4	18.2	82.4	930	
	06-08	100.0	100.0	99.9	99.9	99.8	98.2	89.8	59.3	15.6	81.7	927	
	09-11	100.0	100.0	100.0	100.0	99.6	92.2	70.3	27.2	5.4	74.8	927	
	12-14	100.0	100.0	100.0	100.0	95.2	77.1	45.6	15.9	4.0	69.0	930	
	15-17	100.0	100.0	100.0	99.9	97.4	84.1	56.2	19.6	4.7	71.4	930	
	18-20	100.0	100.0	100.0	100.0	99.9	95.5	80.8	39.5	9.4	77.9	930	
	21-23	100.0	100.0	100.0	100.0	100.0	97.3	85.7	50.2	14.0	80.2	930	
TOTALS		100.0	100.0	100.0	100.0	99.0	92.7	76.0	41.1	10.9	77.4	7434	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 03596? STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 7A-87
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM OBS
NOV	00-02	100.0	100.0	100.0	100.0	100.0	96.6	73.9	33.4	5.5	76.9	886
	03-05	100.0	100.0	100.0	100.0	99.7	96.2	76.9	37.0	7.4	77.5	886
	06-08	100.0	100.0	100.0	100.0	99.4	96.4	78.3	36.2	7.2	77.5	886
	09-11	100.0	100.0	100.0	100.0	99.0	93.7	68.4	23.9	3.3	74.6	882
	12-14	100.0	100.0	100.0	99.8	96.9	86.0	56.7	16.6	2.2	71.1	881
	15-17	100.0	100.0	100.0	100.0	98.2	90.0	64.3	22.7	3.2	73.3	882
	18-20	100.0	100.0	100.0	100.0	99.9	95.2	73.2	31.2	4.4	75.9	882
	21-23	100.0	100.0	100.0	100.0	99.9	97.1	74.8	31.2	5.7	76.6	882
TOTALS		100.0	100.0	100.0	100.0	99.1	93.9	70.8	29.0	4.9	75.4	7071

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
DEC	00-02	100.0	100.0	100.0	100.0	100.0	96.0	80.2	43.3	14.5	79.0	902
	03-05	100.0	100.0	100.0	100.0	99.4	96.5	79.6	43.0	13.2	78.9	903
	06-08	100.0	100.0	100.0	100.0	99.8	96.3	77.8	43.8	12.7	78.9	904
	09-11	100.0	100.0	100.0	100.0	99.9	94.2	72.5	37.4	11.4	77.5	921
	12-14	100.0	100.0	100.0	100.0	99.7	91.7	66.3	29.4	8.1	75.3	916
	15-17	100.0	100.0	100.0	100.0	99.5	94.0	72.2	34.2	9.5	76.6	916
	18-20	100.0	100.0	100.0	100.0	99.8	96.1	77.1	40.1	11.9	78.1	916
	21-23	100.0	100.0	100.0	100.0	100.0	96.7	77.8	43.4	12.9	78.6	916
TOTALS		100.0	100.0	100.0	100.0	99.8	95.0	75.4	39.3	11.8	77.9	7307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	ALL	100.0	100.0	100.0	99.9	98.6	89.5	62.0	34.7	8.7	75.2	7425	
FEB		100.0	100.0	100.0	100.0	99.0	90.5	61.9	33.1	10.0	75.2	6726	
MAR		100.0	100.0	100.0	99.9	97.4	88.9	66.8	36.8	9.3	75.7	7434	
APR		100.0	100.0	100.0	99.2	93.5	79.9	57.8	28.6	7.6	72.3	7231	
MAY		100.0	100.0	100.0	99.0	93.8	81.7	63.8	30.3	9.2	73.2	7402	
JUN		100.0	100.0	100.0	99.6	95.1	79.5	58.3	23.9	5.7	71.6	7186	
JUL		100.0	100.0	99.9	99.3	93.6	79.3	60.0	27.9	9.6	72.5	7309	
AUG		100.0	100.0	100.0	98.6	93.2	78.9	62.9	33.9	12.6	73.8	7438	
SEP		100.0	100.0	100.0	99.2	95.0	82.9	64.9	29.9	6.2	73.4	7201	
OCT		100.0	100.0	100.0	100.0	99.0	92.7	76.0	41.1	17.9	77.4	7434	
NOV		100.0	100.0	100.0	100.0	99.1	93.9	70.8	29.0	4.9	75.4	7371	
DEC		100.0	100.0	100.0	100.0	99.8	95.0	75.4	39.3	11.8	77.9	7377	
TOTALS		100.0	100.0	100.0	99.6	96.4	86.1	65.1	32.4	8.9	74.5	77785	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-4 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

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 035963 STATION NAME: RAF BENTWATERS UNITED KINGDOM

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.866	29.934	29.770	29.879	29.845	29.891	29.934	29.905	29.909	29.848	29.892	29.779	29.870
	SD	.386	.359	.373	.300	.244	.211	.191	.188	.251	.351	.338	.435	.316
	TOT OBS	307	280	309	300	309	299	305	310	300	310	296	300	3625
03	MEAN	29.856	29.923	29.755	29.867	29.833	29.879	29.922	29.895	29.897	29.837	29.881	29.770	29.859
	SD	.389	.359	.374	.298	.244	.213	.193	.190	.254	.351	.344	.431	.317
	TOT OBS	308	280	309	300	309	299	305	310	300	310	296	301	3627
06	MEAN	29.844	29.920	29.751	29.871	29.836	29.884	29.923	29.895	29.898	29.836	29.878	29.764	29.858
	SD	.393	.358	.376	.297	.247	.216	.198	.199	.256	.351	.342	.427	.318
	TOT OBS	309	281	309	300	309	299	305	310	300	310	296	301	3629
09	MEAN	29.856	29.940	29.766	29.887	29.849	29.895	29.933	29.911	29.915	29.855	29.897	29.775	29.872
	SD	.400	.357	.384	.299	.250	.216	.200	.197	.259	.349	.341	.421	.320
	TOT OBS	309	281	308	300	308	300	304	310	300	310	295	307	3632
12	MEAN	29.852	29.945	29.767	29.886	29.846	29.896	29.932	29.905	29.912	29.855	29.895	29.773	29.871
	SD	.401	.356	.384	.300	.249	.213	.199	.196	.257	.343	.338	.419	.318
	TOT OBS	309	281	308	300	309	300	304	310	300	310	294	306	3631
15	MEAN	29.840	29.926	29.754	29.872	29.841	29.889	29.926	29.899	29.898	29.840	29.881	29.761	29.860
	SD	.402	.355	.376	.299	.247	.210	.196	.190	.249	.340	.338	.418	.316
	TOT OBS	309	280	308	300	308	300	305	310	300	310	294	306	3630
18	MEAN	29.851	29.930	29.756	29.870	29.834	29.883	29.918	29.887	29.897	29.846	29.892	29.770	29.861
	SD	.400	.354	.373	.297	.248	.208	.191	.199	.245	.342	.337	.420	.315
	TOT OBS	309	280	309	300	308	300	305	310	300	310	294	306	3631
21	MEAN	29.861	29.938	29.769	29.884	29.854	29.894	29.930	29.911	29.912	29.852	29.890	29.772	29.872
	SD	.395	.355	.373	.299	.244	.210	.189	.185	.247	.348	.339	.425	.315
	TOT OBS	309	280	309	300	309	299	304	310	300	310	294	306	3630
ALL	MEAN	29.853	29.932	29.761	29.877	29.842	29.889	29.927	29.901	29.905	29.846	29.889	29.770	29.865
	SD	.395	.356	.377	.296	.247	.212	.194	.193	.252	.346	.339	.424	.317
HOURS	TOT OBS	2469	2243	2469	2400	2469	2396	2437	2480	2400	2480	2359	2433	29035

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