AD-A209 093 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RAF 1/4
SCULTHORPE UNITED KINGDOM(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL APR 89
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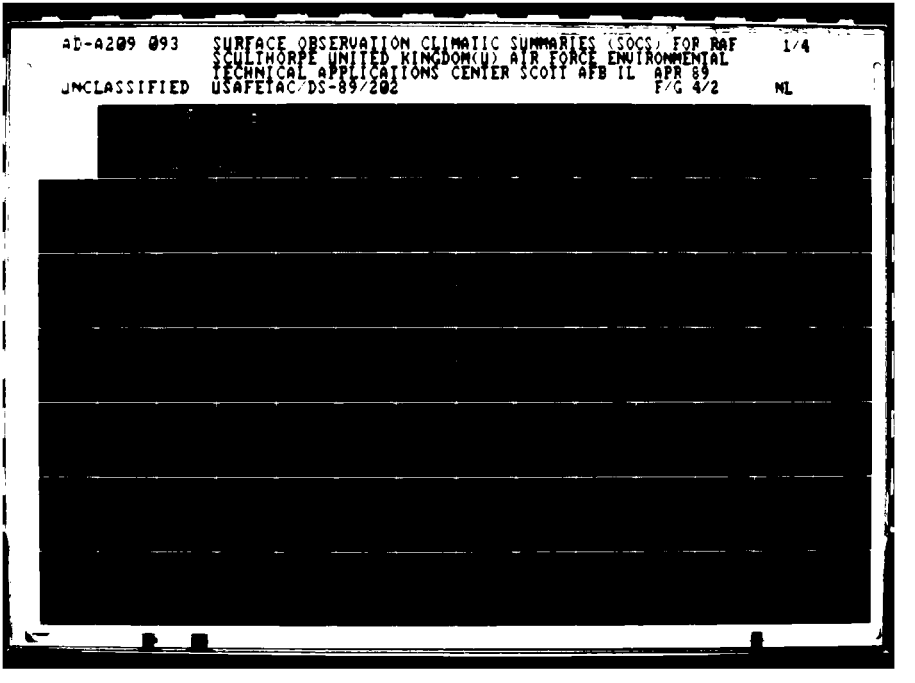

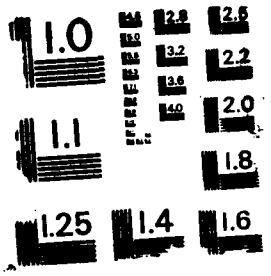
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AD-A209 093

USAFETAC/DS-89/002

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

RAF SCULTHORPE UK

PREPARED BY

JL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

APRIL 1989

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19. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A CLIMATIC DATABASE.

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SECSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: APR 54 - MAR 64 (AIRWAYS).

SUMMARY OF DAY DATA: JUN 50 - MAR 64, JUN 38 - DEC 68 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR "SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OF RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44 -73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION OR THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1968

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
034873	SCULTHORPE RAF/FAKENHAM, UK	N 52 50	E 000 45	214	EGUP	

STATION LOCATION AND INSTRUMENTATION HISTORY

NMBR OF LOC	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEV ABOVE MSL FLD (FT)	ELEV ABOVE MSL BARO (FT)	OBS PER DAY
1	SCULTHORPE RAF/FAKENHAM,UK	RAF	MAR 49	FEB 53	N 52 51	E 000 46	N/A	200	24
2	SAME	RAF	MAR 53	APR 55	SAME	SAME	217	227	24
3	SAME	RAF	MAY 55	MAR 56	SAME	SAME	227	223	24
4	SAME	RAF	APR 56	MAR 59	SAME	SAME	SAME	245	24
5	SAME	RAF	APR 59	MAR 64	SAME	SAME	200	SAME	24
6	SAME	RAF	APR 64	MAR 64	SAME	SAME	222	222	24
7	*STN DEACT 17 APR 64	RAF	APR 64	APR 64	SAME	SAME	SAME	SAME	10
8	SAME (REACT FOR EXERCISE)	RAF	APR 74	JUN 74	N 52 50	E 000 45	214	213	24
9	SAME (SUB FOR EGUN RUNWAY)	RAF	JUN 83	DEC 83	N 52 51	E 000 46	SAME	SAME	18

NMBR OF LOC	DATE OF CHANGE	SURFACE WIND EQUIPMENT IN USE LOCATION	TYPE OF INSTRUMENTATION	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	MAR 49	NOT AVAILABLE	N/A	N/A	N/A	
2	MAR 53	ATOP CONTROL TOWER	A/N MK-1	MK-2 W/S	37 FT	
3	MAY 55	SAME	SAME	SAME	50 FT	
4	APR 57	SAME	SAME	SAME	45 FT	
5	APR 59	1/4MI E OF BASEOPS	SAME	SAME	13 FT	
6	APR 61	1600' ESE OF STN	SAME	SAME	15 FT	
7	SEP 63	2100' ESE OF STN	A/N MK-11	MK-2A	13 FT	
8	JAN 89	N/A	N/A	N/A	N/A	

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1956, SNOW PELLETS WERE KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

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

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGE IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE OR FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

- BY MONTH (ALL YEARS AND ALL [illegible] COMBINED).

- BY YEAR (ALL YEARS AND ALL [illegible] COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (PUF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS REDUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES INCLUDE SUMMARY OF DATA FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS TD/TDA) AND TRANSMIT (ENCODE) ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE OBSERVATION ARCHIVE HAS ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .5 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		14.1		5.4		19.9	32.7	43.3	.4		96.3	930
03-05		13.7		5.7		19.4	33.5	39.5	.5		91.9	930
06-08		11.2		6.5		17.6	31.4	35.2	.1		85.9	930
09-11		12.4	.3	5.9		18.6	30.4	43.7			92.9	930
12-14		14.3	.5	5.6		20.5	24.5	50.0			95.2	930
15-17		13.7	.5	4.5		18.7	24.4	54.7	.2		98.1	930
18-20		12.4	.3	4.5		17.2	29.4	53.3	.2		100.1	930
21-23		11.6	.2	5.4		17.2	30.0	46.3	.1		94.1	930
ALL HOURS		12.9	.3	5.5		18.4	29.7	45.8	.2		94.3	7440

MONTH: FEB

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.1	.1	11.1		19.3	37.6	49.1	.6		95.6	849
03-05	.2	7.7	.4	9.7		17.7	37.6	49.1	.5		95.1	849
06-08		9.4	.4	9.2		19.3	35.5	47.1	.5		95.3	849
09-11		10.0	.2	10.0		20.3	37.3	46.3	.5		95.2	849
12-14		11.3		9.7		21.0	34.3	51.1	.5		92.9	849
15-17		10.4		9.1		19.4	37.1	54.	.9		92.5	849
18-20	.2	9.7	.2	9.5		19.7	33.1	53.5	.9		100.7	849
21-23		8.5	.1	9.5		18.1	33.2	52.7	.		94.5	849
ALL HOURS	.1	9.4	.2	9.6		19.2	34.1	51.4	.5		95.3	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34073 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.5		3.1		13.7	14.5	52.7			84.8	930
03-05		8.4		4.0		12.4	23.7	54.8			90.9	930
06-08		10.3		3.2		13.6	34.7	51.3			100.1	930
09-11		11.2		2.6		13.8	14.5	57.4			90.8	930
12-14	.3	10.1		1.8		12.7	9.1	51.7			73.5	930
15-17		11.4		1.2		12.6	7.4	53.0			74.9	930
18-20		12.3		1.8		14.1	12.6	50.3			87.0	930
21-23		10.5		2.6		13.3	13.5	53.7			80.5	930
ALL HOURS	.0	10.7		2.6		13.3	17.6	54.4			85.3	7440

MONTH: APR

00-02		12.0		.8		12.[illegible]	10.[illegible]	41.9			65.4	900
03-05		9.9		.9		10.[illegible]	17.2	45.9			73.9	900
06-08	.2	12.6		.[illegible]		12.7	1[illegible].[illegible]	47.7			78.4	927
09-11		10.0		.3		10.3	[illegible].1	3[illegible].6			55.0	939
12-14	.3	9.2		.2		[illegible].4	3.1	27.9			40.4	939
15-17	.9	11.0				11.0	[illegible].1	[illegible].4			42.6	928
18-20		11.1				11.1	[illegible].1	37.[illegible]			54.7	902
21-23		9.[illegible]		.4		10.[illegible]	[illegible].[illegible]	[illegible][illegible].[illegible]			55.6	900
ALL HOURS	.2	10.[illegible]		.4		11.0	[illegible].9	38.2			58.1	7335

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	9.2		.1		9.4	7.3	37.2			53.9	930
03-05		9.8		.2		10.0	14.0	40.3			72.3	930
06-08		11.9		.1		12.0	9.6	47.3			68.8	930
09-11		11.4		.1		11.5	3.8	34.5			49.8	930
12-14	1.0	10.2			.1	10.3	1.1	23.1			34.5	930
15-17	.3	9.5				9.6	1.2	22.7			32.4	930
18-20	1.4	10.3				10.3	2.4	28.1			40.8	930
21-23	.1	9.4				9.4	4.1	35.5			48.9	930
ALL HOURS	.4	10.1		.1	.0	10.2	5.4	34.6			50.2	7440

MONTH: JUN

00-02	.1	11.6				11.6	7.2	31.3			50.6	900
03-05	.1	11.8				11.9	14.4	45.7			72.0	900
06-08		14.8				14.8	9.6	42.0			66.3	900
09-11		12.8				12.8	4.0	27.3			44.1	900
12-14	1.6	11.7				11.7	2.9	20.6			35.3	900
15-17	1.3	10.0				10.0	2.0	21.0			33.0	900
18-20	1.9	8.2				8.2	3.0	23.7			35.8	900
21-23	.9	10.1				10.1	4.9	34.4			50.4	900
ALL HOURS	.7	11.4				11.4	6.3	30.8			48.4	7200

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.9	11.1				11.1	13.2	34.4			58.7	930
03-05	.4	11.2				11.2	23.5	45.9			30.6	930
06-08	.3	14.2				14.2	10.1	47.8			78.2	930
09-11	.8	11.2				11.2	4.5	31.4			47.1	930
12-14	2.6	12.6				12.6	1.9	25.3			39.8	930
15-17	2.3	13.3				13.3	1.8	23.8			38.9	930
18-20	.6	13.0				13.0	4.1	29.4			42.5	930
21-23	1.1	12.5				12.5	13.8	32.6			55.6	930
ALL HOURS	1.2	12.4				12.4	9.5	33.3			55.2	7440

MONTH: AUG

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.5				10.5	15.7	37.3			63.5	930
03-05	.1	13.3				13.3	15.7	48.2			88.2	930
06-08	.1	14.9				14.9	15.1	44.6			89.4	930
09-11	.5	12.4				12.4	7.3	32.6			51.8	930
12-14	.5	11.3				11.3	3.6	22.3			37.3	930
15-17	2.5	14.6				14.6	2.4	20.3			37.8	930
18-20	.8	14.1				14.1	4.7	33.4			51.3	930
21-23	.1	12.3				12.3	4.7	34.9			55.8	930
ALL HOURS	.6	12.9				12.9	12.3	34.4			59.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34P73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	10.4				10.4	18.2	37.4			66.1	900
03-05	.3	10.9				10.9	20.3	41.8			81.4	900
06-08	.3	13.0				13.0	32.6	44.0			89.6	900
09-11		12.1				12.1	9.2	42.7			64.0	900
12-14	.3	10.6				10.6	1.6	32.0			44.1	900
15-17	1.7	10.7				10.7	2.6	31.1			44.3	900
18-20	.3	11.4				11.4	7.0	40.8			59.2	900
21-23	.8	7.6				7.6	11.2	37.4			56.2	900
ALL HOURS	.7	10.8				10.8	13.9	38.4			63.1	7200

MONTH: OCT

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	11.1				11.1	27.6	45.1			82.7	930
03-05	.2	13.9				13.9	33.7	46.2			92.8	930
06-08	.1	14.3				14.3	34.9	40.1			94.3	930
09-11		13.1				13.1	20.3	46.1			79.6	930
12-14	.2	12.9				12.9	.3	36.0			58.0	930
15-17	.6	13.9				13.9	3.7	43.5			66.1	930
18-20	.4	12.3				12.3	17.5	49.9			79.7	930
21-23		10.0		.1		10.1	27.2	46.9			78.2	930
ALL HOURS	.2	12.7		.0		12.7	22.0	44.2			78.9	7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		15.4		.6		16.0	30.7	49.1			95.8	900
03-05	.2	13.0		.6		13.6	31.4	45.0			90.0	900
06-08		17.1		.7		17.8	35.4	42.9			97.1	899
09-11		16.1		.3		16.4	32.7	44.2			93.3	900
12-14	.3	14.0		.4		14.4	19.0	45.4			78.9	900
15-17	.6	16.3		.4		16.6	20.1	56.1			93.0	900
18-20	.2	15.4		.9		16.3	24.1	52.2			92.7	900
21-23	.2	14.1		.7		14.8	27.4	49.7			91.9	900
ALL HOURS	.2	15.2		.6		15.8	27.7	48.1			91.6	7199

MONTH: DEC

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		13.0		1.4		14.4	31.0	39.0			84.4	930
03-05		11.4		1.7		13.1	33.3	43.6			81.7	930
06-08		15.1		1.5		17.6	37.5	40.2			85.4	930
09-11		15.4		1.7		17.1	30.2	42.5			89.8	930
12-14		14.3		2.0		16.3	24.4	43.6			90.3	930
15-17		15.3		1.9		17.2	27.7	45.2			100.1	930
18-20		14.0		1.3		15.4	32.1	43.6			91.8	930
21-23		11.6		1.1		12.7	34.3	45.1			87.1	930
ALL HOURS		13.9		1.5		15.5	31.3	45.1			88.8	7440

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		12.9	.3	5.5		18.6	29.7	45.8	.2		94.3	7440
FEB	.1	9.4	.2	3.6		13.2	24.0	51.4	.4		95.3	6792
MAR	.0	10.7		2.6		13.3	17.6	54.4			85.3	7440
APR	.2	10.6		.4		11.0	5.9	38.2			58.1	7335
MAY	.4	10.1		.1	.0	10.2	5.4	34.6			50.2	7440
JUN	.7	11.4				11.4	5.3	33.3			48.4	7200
JUL	1.2	12.4				12.4	9.5	33.3			55.2	7440
AUG	.6	12.9				12.9	12.6	34.4			59.4	7440
SEP	.7	10.8				10.8	13.3	33.4			63.1	7200
OCT	.2	12.7		.0		12.7	23.0	46.2			78.9	7440
NOV	.2	15.2		.6		15.5	27.7	45.1			81.6	7199
DEC		13.9		1.5		15.5	2.3	44.3			88.8	7440
ANNUAL	.4	11.9	.0	1.7	.0	13.5	17.1	41.5	.1		72.3	87806

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034872 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.2	62.7	.7	27.2	2.8	71.4	57.8	87.1	1.6		99.3	434
FEB	.8	53.0	.8	34.8	1.3	71.2	54.8	93.7	2.0		98.5	396
MAR	1.2	54.8	.2	17.7	1.2	62.9	53.9	94.3			98.4	434
APR	3.3	50.3		5.9	4.3	51.3	34.9	94.4			91.5	390
MAY	6.7	51.8		1.5	2.2	51.8	28.4	82.1			90.8	403
JUN	7.0	60.3			.7	60.8	31.1	80.0			91.4	441
JUL	12.3	64.0			.9	66.1	37.6	80.4			92.3	465
AUG	7.3	65.7			.4	65.7	45.0	85.3			95.3	464
SEP	4.3	60.0			1.1	66.0	42.1	83.6			92.9	450
OCT	2.4	56.4		.4	1.3	63.4	39.6	90.5			98.5	465
NOV	.9	51.1		3.3	4.2	69.5	32.1	39.1			98.7	450
DEC	.4	56.7		13.8	1.3	71.4	63.6	85.0			96.9	448
ANNUAL	4.0	57.0	.1	7.4	1.9	67.3	41.2	86.3	.3		95.4	5240

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					.1	.1	.9		.1	.3		
03-05		.2				.1	.4	.1	.9	.2	.2	
06-08				.2			.9	.1	.3	.1		
09-11							.3	.5				
12-14			.3	.3	1.0	1.3	2.5	.5	.8	.2	.3	
15-17				.9	.9	1.3	2.3	2.5	1.7	.6	.6	
18-20		.3			1.4	1.7	.6	.5	.3	.4	.2	
21-23					.1	.9	1.1	.1	.8		.2	
ALL HOURS		.1	.0	.2	.4	.7	1.2	.6	.7	.2	.2	
TOTAL OBS	7440	5792	7440	7335	7440	7200	7440	7440	7200	7440	7199	7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 — STATION NAME: RAF SCULTHORPE, UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 — MONTH: JAN — HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
TSTMS								
LIQUID PRECIP	.6		14.2	21.1	47.3	16.8		972
FREEZING PRECIP				100.0				19
FROZEN PRECIP	5.1		29.3	37.1	6.3	22.2		410
FOG	1.4		12.2	17.6	33.6	25.3		2206
FOG WITH VIS GE 1/2 MILES	5.3		12.5	13.4	32.6	29.8		1556
TOTAL OBS	275	0	990	1382	2675	2113	0	7440

MONTH: FEB — HOURS: ALL

TSTMS			50.0		50.0			4
LIQUID PRECIP	4.2		13.2	30.4	46.9	25.3		661
FREEZING PRECIP	8.3		16.7	41.7	25.0	8.3		12
FROZEN PRECIP	5.5		44.4	1.7	5.1	15.3		655
FOG	10.0		8.4	27.2	33.0	13.2		1630
FOG WITH VIS GE 1/2 MILES	8.8		9.1	31.3	33.2	23.9		1262
TOTAL OBS	367	0	1358	1567	1900	1900	0	6792

OPERATING LOCATION W&M
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS					100.0		3
LIQUID PRECIP	1.2		21.5	34.1	33.0	10.1	820
FREEZING PRECIP							
FROZEN PRECIP			55.7	20..	6.3	17.2	192
FOG	6.6		15.1	42..	31..	11.1	1312
FOG WITH VIS OF 1/2 MILES	6.0		15.0	44.0	17.5	12.2	1045
TOTAL OBS	111	0	1558	2236	1747	1428	0 7440

MONTH: APR HOURS: ALL

TSTMS			15.4	7.7	38.1	38.4	13
LIQUID PRECIP	.9		25.2	19.1	3..	19.9	793
FREEZING PRECIP							
FROZEN PRECIP	16.1		41.9	13.1	12.9	12.9	31
FOG	4.5		25.2	25..	25.2	19.4	650
FOG WITH VIS OF 1/2 MILES	3.4		21.9	27.2	25.4	21.2	557
TOTAL OBS	193	0	2540	1971	1923	1540	0 7335

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: [illegible]
LSI ID WIC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
TSTMS			11.8	17.6	35.3	35.3		34
LIQUID PRECIP	1.0		32.2	11.[illegible]	32.1	23.0		764
FREEZING PRECIP								
FROZEN PRECIP			40.0		20.0	40.0		5
FOG	[illegible]		[illegible]	11.[illegible]	[illegible]	17.[illegible]		402
FOG WITH VIS OF 1/2 MILES	5.3		[illegible]	11.[illegible]	[illegible]	23.2		338
TOTAL OBS	235	0	2273	1098	2177	1652	0	7440

MONTH: JUN HOURS: ALL

TSTMS			25.4	13.[illegible]	[illegible]	37.7		53
LIQUID PRECIP	1.1		27.[illegible]	1[illegible]	[illegible]	20.[illegible]		831
FREEZING PRECIP								
FROZEN PRECIP								
FOG	4.2		31.3	17.1	1[illegible]	10.4		450
FOG WITH VIS OF 1/2 MILES	4.3		4[illegible].1	1[illegible]	[illegible]	10.3		349
TOTAL OBS	270	1	1[illegible]	111[illegible]	[illegible]	1599	0	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FOR HOURLY OBSERVATIONS

STATION NUMBER: 34773 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: + 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
TSTMS			14.8	29.5	22.7	33.0		88
LIQUID PRECIP	3.0		24.6	7.2	41.9	23.4		941
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.2		50.7	4.5	27.3	15.5		706
FOG WITH VIS OF 1/2 MILES	4.2		36.4	12.1	33.2	14.3		602
TOTAL OBS	218	0	1715	421	2350	2174	0	7439

MONTH: AUG HOURS: ALL

TSTMS			7.0	23.3	41.9	33.2		43
LIQUID PRECIP	1.3		14.7	14.1	41.1	33.4		992
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.3		41.1	14.7	24.7	27.2		395
FOG WITH VIS OF 1/2 MILES	7.3		17.9	13.1	24.3	32.5		714
TOTAL OBS	174		1	1	2	2462	0	7440

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 34.73 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: - 0
PERIOD OF RECORD: APR 54 - MAR 64
MONTHS: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS			23.4	10.6	42.6	23.4	47
LIQUID PRECIP	2.1		11.2	13.7	53.3	23.2	797
FREEZING PRECIP							
FROZEN PRECIP							
FOG	16.1		13.3	2.1	13.1	15.4	1000
FOG WITH VIS OF 1/2 MILES	14.4		13.6	1.7	32.0	18.3	799
TOTAL OBS	332	0	916	1413	2547	1840	0 7200

MONTHS: OCT HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	11.1			27.8	44.4	16.7	18
LIQUID PRECIP	1.2		17.1	13.5	43.7	24.5	964
FREEZING PRECIP							
FROZEN PRECIP				100.			1
FOG	13.7		10.5	22.3	33.0	20.4	1638
FOG WITH VIS OF 1/2 MILES	11.5		10.2	21.2	34.6	22.7	1271
TOTAL OBS	374	0	592	1374	3172	2126	0 7440

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FOR HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
TSTMS			14.3	50.0	28.6	7.1		14
LIQUID PRECIP	4.4		19.0	14.4	40.9	16.4		1142
FREEZING PRECIP								
FROZEN PRECIP			17.1	19.5	14.6	43.8		41
FOG	17.1		4.3	15.4	37.6	25.4		1996
FOG WITH VIS GE 1/2 MILES	15.7		9.4	13.3	35.7	25.9		1548
TOTAL OBS	515	0	1034	1253	2712	1682	0	7199

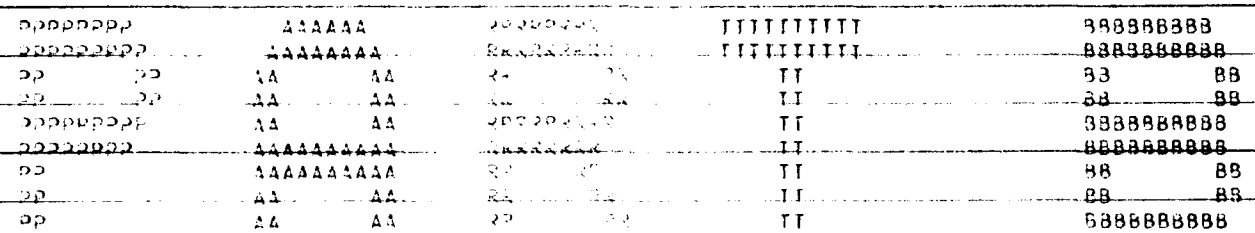
MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	2.0		14.4	17.6	48.2	17.9		1057
FREEZING PRECIP								
FROZEN PRECIP			31.4	33.9	7.6	27.1		118
FOG	10.9		6.6	13.4	43.5	25.6		2104
FOG WITH VIS GE 1/2 MILES	3.6		7.2	14.3	50.3	19.4		1532
TOTAL OBS	405	3	542	1349	3243	1762	0	7440

OPERATING LOCATION MAN... PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION, FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: MAR SOUTHAMPTON UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 0 MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
ISYMS	.6		16.1	21.1	31.9	30.3	317
LIQUID PRECIP	2.0		19.4	16.6	41.2	20.9	10734
FREEZING PRECIP	3.2		6.5	77.4	3.7	3.2	31
FROZEN PRECIP	6.3		39.7	29.7	6.7	19.4	1453
FOG	11.0		14.7	21.2	32.1	20.2	14999
FOG WITH VIS LE 1/2 MILES	9.3		14.1	21.3	32.5	21.6	11573
TOTAL OBS	3870	0	15707	15386	29466	22397	0 87800



PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.
THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS (YEARS) ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. ".00" MEANS NO PRECIPITAION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD TRACE WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN 10 SETS OF MONTHLY DATA, OR MORE, ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS IN THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0300 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

= 1 INCH = 25.39718 MILLIMETERS

= 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION XXX
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
- DM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	24.9	28.6	37.2	38.7	38.2	41.1	33.6	34.6	39.1	40.4	29.6	28.3	34.8
TRACE	17.1	20.7	19.9	17.7	23.6	29.7	24.9	23.6	20.2	19.1	20.9	26.3	21.8
.01	5.5	5.3	3.9	5.9	5.5	4.0	5.3	3.7	4.4	4.5	5.8	5.4	5.0
.02-.05	18.2	15.7	13.6	13.1	9.4	9.2	10.6	11.5	9.1	11.6	11.3	14.1	12.3
.06-.10	9.2	9.3	8.3	5.9	5.2	6.6	5.2	5.9	6.2	6.9	8.4	5.6	7.1
.11-.25	11.5	13.6	9.7	12.1	9.7	7.4	11.1	10.3	10.9	8.6	13.8	11.2	10.8
.26-.50	7.1	3.6	5.5	4.1	6.3	3.7	4.2	5.9	6.7	5.8	7.3	6.7	5.7
.51-1.00	3.7	2.3	1.8	.5	1.5	1.4	3.5	3.9	2.9	2.8	2.7	1.3	2.3
1.01-2.50		.5				.2	.5	.4	.4	.2	.2	1.1	.3
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	54.4	53.3	43.9	41.5	38.2	31.1	41.5	41.5	40.7	40.4	49.6	45.3	43.4
TOTAL NO. OF OBSERVATIONS	434	396	433	320	403	429	434	457	450	465	450	448	5183

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: [illegible] LST TO UTC: +05

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						.00*	*	3.06*	2.61	.96	4.14	1.71	12.48*
51	3.05	1.87	5.11	2.61	2.24	.37	.56	2.96	2.36	.61	2.92	2.25	24.93
52	2.41	.94	2.52	1.41	2.24	.51	1.77	1.66	3.07	1.66	3.55	1.84	23.78
53	1.73	.91	.92	1.88	1.36	3.23	1.77	1.89	1.26	2.03	1.35	.81	19.16
54	1.20	1.42	2.93	.64	1.97	2.01	2.35	4.59	1.88	2.03	4.08	1.00	26.47
55	1.66	2.13	1.06	.56	2.29	1.74	.13	.56	1.10	3.12	.92	1.54	16.74
56	3.32	2.52	.69	1.26	.52	2.72	3.32	3.61	1.92	1.53	1.22	1.40	24.03
57	2.13	3.70	2.41	.45	.93	1.51	2.25	1.48	3.65	1.67	1.67	2.60	24.66
58	3.20	6.76	1.60	1.03	3.15	2.66	3.67	1.24	2.47	1.67	1.43	3.17	31.47
59	3.10	.18	1.12	1.34	1.47	.91	2.60	1.41	.19	1.56	1.66	4.35	19.79
60	4.09	1.41	1.14	.96	.60	.07	2.76	3.12	3.66	4.55	4.37	5.06	32.70
61	4.20	1.97	.48	1.92	.74	1.00	2.25	3.12	2.36	5.11	3.31	2.86	30.49
62	1.83	2.27	2.40	1.36	2.06	.37	3.47	2.77	4.21	1.25	2.25	2.68	27.42
63	1.36	.89	2.65	1.62	2.89	1.30	2.36	4.77	1.87	1.16	2.26	1.09	26.08
64	.45	.80	2.24										3.52*
88						.24*	.74	.13	.06	1.39	.57	.21*	3.34*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.48	.18	.69	.45	.52	.37	.10	.13	.06	.61	.57	.81	16.74
GREATEST	4.20	6.76	3.11	2.61	3.15	3.23	3.67	4.77	4.21	5.11	4.37	5.06	32.70
MEAN	2.41	2.01	1.83	1.37	1.74	1.56	2.19	2.39	2.18	2.02	2.38	2.31	25.21
MEDIAN	2.30	1.85	1.92	1.34	1.77	1.61	2.16	2.33	2.36	1.66	2.25	2.05	24.93
SD	1.112	1.631	.842	.649	.349	.933	1.009	1.406	1.204	1.277	1.260	1.254	4.760
TOTAL OBS	434	396	433	390	403	423	434	457	450	465	450	448	5183

THE GREATEST VALUE OF 6.76 OCCURRED IN 09/68

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						.00*	*	.97*	.80	.30	1.02	.41	1.02*
51	.63	.37	.47	.73	.41	.18	.28	1.02	.64	.21	.73	.45	1.02
52	.32	.35	.51	.46	.95	.17	1.00	.88	.51	.37	.50	.29	1.00
53	.51	.26	.36	.36	.29	1.34	.31	.56	.53	.95	.33	.30	1.34
54	.40	.30	.70	.19	.66	.47	.69	1.00	.37	.42	.84	.32	1.00
55	.51	.71	.41	.09	.48	.70	.05	.25	.41	.78	.21	.39	.78
56	.63	.52	.38	.39	.24	.54	.95	.90	.59	.55	.28	.48	.95
57	.41	.88	.52	.21	.31	.69	1.02	.35	1.06	.35	.63	1.32	1.32
58	.70	2.03	.66	.27	.47	.74	1.00	.29	.54	.38	.62	.51	2.03
59	.54	.08	.29	.30	.99	.33	1.63	.79	.06	.52	.38	1.01	1.63
60	.84	.52	.53	.37	.28	.31	.45	.65	1.24	.76	.67	1.04	1.24
61	.82	.30	.54	.31	.45	.36	.61	.66	.44	1.20	.76	.54	1.20
62	.44	.59	.21	.37	.54	.07	.99	.64	.72	.60	.41	.39	.99
63	.33	.13	.44	.30	.53	.63	.63	1.48	.60	.35	.51	.28	1.48
64	.20	.20	.46										.46*
88						.12*	.17	.1	.05	.40	.17	.10*	.40*
GREATEST	.84	2.03	.81	.73	.99	1.34	1.63	1.48	1.24	1.20	1.02	1.32	2.03
TOTAL OBS	434	396	433	399	403	423	434	457	450	465	450	448	5183

THE GREATEST VALUE OF 2.03 OCCURRED ON 02/18/53

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION (A): USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	73.3	64.9	81.8	93.6	98.2	100.0	100.0	100.0	100.0	99.6	97.3	86.4	91.6
TRACE	14.1	16.7	12.0	4.9	1.2					.4	1.8	8.9	4.8
0.1-0.4	3.2	5.6	2.5	.5							.7	1.3	1.2
0.5-1.4	5.1	5.3	2.5	.3							.2	2.0	1.3
1.5-2.4	2.3	2.6	.9	.3								.9	.6
2.5-3.4	.7	1.0										.4	.2
3.5-4.4	.7		.2										.1
4.5-6.4		1.0											.1
6.5-10.4	.2	.5											.1
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	12.7	13.4	5.2	1.5							.9	4.7	3.5
TOTAL NO. OF OBSERVATIONS	434	394	434	390	403	441	465	434	450	465	450	448	5240

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY RAINFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						.0	.0	.0	.0	.0	.0	5.0	5.0*
51	TRACE	TRACE	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.9
52	3.7	.9	2.1	.1	.0	.0	.0	.0	.0	.0	.4	2.4	9.6
53	5.7	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
54	1.5	5.9	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	13.7
55	6.4	14.8	1.3	.0	TRACE	.0	.0	.0	.0	TRACE	.0	2.5	25.6
56	7.6	20.8	TRACE	1.8	.4	.0	.0	.0	.0	TRACE	.0	1.2	31.4
57	.3	4.7	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.0
58	4.0	20.9	4.2	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	30.8
59	14.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2
60	15.2	7.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	22.4
61	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0
62	2.0	11.7	3.0	TRACE	.0	.0	.0	.0	.0	.0	.3	6.8	23.8
63	10.4	7.6	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	1.6	20.1
64	.2	2.7	4.1										7.0*
32						.0*	.0	.0	.0	.0	.9	.0*	.9*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY RAINFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: SAF SOUTHPORT NC
LSI ID WBC: 400

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	TRACE	TRACE	.2	.6	.1	.3	.2	.0	.0	.0	.0	.0	.9
GREATEST	15.2	20.9	5.3	1.8	TRACE	.3	.0	.0	.3	TRACE	.9	5.8	31.4
MEAN	3.1	7.1	1.5	.4	TRACE	.2	.2	.0	.3	TRACE	.1	1.7	16.2
MEDIAN	3.9	5.3	TRACE	TRACE	.2	.2	.3	.0	.0	.0	.0	.6	14.2
SD	3.159	7.323	2.139	.561	.036	.050	.065	.003	.003	.000	.252	2.310	10.200
TOTAL OBS	434	396	434	390	403	421	458	464	460	465	450	448	5240

THE GREATEST VALUE OF [illegible]

NOTE: #IBE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY RAINFALL AMOUNTS IN INCHES
(FROM SUMMARY OF DAY DATA)

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 5006-6403,3806-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						.0	.0	.0	.0	.0	.0	2.0	2.0*
51	TRACE	TRACE	TRACE	.9	.0	.	.0	.0	.0	.0	.0	.0	.9
52	1.5	.8	1.5	.1	.	.	.0	.	.0	.0	.2	1.8	1.8
53	2.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
54	1.1	3.0	4.0	TRACE	TRACE	.	.0	.0	.0	.0	.0	TRACE	4.0
55	3.0	7.4	.	.0	TRACE	.0	.0	.0	.0	TRACE	.0	1.3	7.4
56	2.7	4.4	TRACE	1.3	.0	.	.	.0	.0	TRACE	.0	1.2	4.9
57	.6	2.5	.0	TRACE	TRACE	.	.	.	.0	.0	.0	TRACE	2.5
58	2.0	9.0	2.0	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0
59	7.2	TRACE	.9	.0	.	.	.	.	.	.0	.0	.0	7.2
60	4.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
61	TRACE	TRACE	TRACE	TRACE	.	.0	.	.0	.0	.0	TRACE	3.0	3.0
62	2.0	5.1	2.4	TRACE	.0	.	.	.0	.0	.0	.3	3.0	5.1
63	2.7	1.3	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	.9	2.7
64	.2	2.0	1.3										2.0*
85						.	.	.0	.0	.0	.0	.0*	.9*
GREATEST	7.2	9.0	4.0	1.3	TRACE	.	.	.0	.0	TRACE	.9	3.0	9.0
TOTAL OBS	434	395	434	434	434	420	434	434	420	455	450	448	5240

THE GREATEST VALUE . . .

.T: MTHLY VALUE IS . . . DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION (A):
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SURFACE OBSERVATIONS

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	77.4	72.2	93.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	99.3	91.1	94.4
TRACE	5.2	9.6	5.2	.3							.7	4.9	2.2
1	5.4	6.3	2.2									3.3	1.4
2	5.1	1.4	1.2									.7	.7
3	4.4	4.5											.7
4-6	.7	4.3	.5										.4
7-12	.2	2.3											.2
13-24		.3											.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	16.1	13.2	4.0									4.0	3.5
TOTAL NO. OF OBSERVATIONS	434	396	465	310	434	441	465	434	450	465	450	448	5209

OPERATING LOCATION '41
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034373 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						0	0	0	0	0	0	2	2*
51	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
52	2	TRACE	2	TRACE	0	0	0	0	0	0	TRACE	1	2
53	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
54	1	4	4	0	0	0	0	0	0	0	0	0	4
55	2	3	4	0	0	0	0	0	0	0	0	0	9
56	2	6	0	0	0	0	0	0	0	0	0	1	6
57	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
58	3	13	1	0	0	0	0	0	0	0	0	0	13
59	2	0	0	0	0	0	0	0	0	0	0	0	2
60	7	3	0	0	0	0	0	0	0	0	0	0	7
61	0	0	0	0	0	0	0	0	0	0	0	1	1
62	3	5	1	0	0	0	0	0	0	0	0	2	5
63	4	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
64	0	0	0*										0*
88						0*	0	0	0	0	TRACE	0*	TRACE*
GREATEST	7	13	4	TRACE	0	0	0	0	0	0	TRACE	2	13
TOTAL OBS	434	396	403	390	403	441	465	464	450	465	450	448	5209

THE GREATEST VALUE OF 13 OCCURRED ON: 02/26/59

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'AI
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK

PERIOD OF RECORD: 5006-6403,8806-8812
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
50 - 51	DEC 03	DEC 04	DEC 04	APR 29	APR 13	JAN 02
51 - 52	JAN 01	JAN 18	JAN 25	APR 02	APR 01	MAR 30
52 - 53	NOV 17	NOV 24	DEC 15	FEB 15	FEB 14	JAN 07
53 - 54	JAN 03	JAN 30	JAN 31	MAY 03	MAR 05	MAR 03
54 - 55	DEC 07	JAN 04	JAN 15	MAY 21	MAR 19	MAR 09
55 - 56	OCT 15	DEC 19	JAN 09	APR 19	APR 06	FEB 27
56 - 57	OCT 30	DEC 26	DEC 27	MAY 05	FEB 23	FEB 19
57 - 58	DEC 16	JAN 23	JAN 23	APR 16	APR 04	MAR 11
58 - 59	DEC 10	JAN 05	JAN 07	FEB 02	JAN 12	JAN 15
59 - 60	JAN 03	JAN 09	JAN 10	MAR 29	FEB 19	FEB 15
60 - 61	DEC 09			APR 04		
61 - 62	NOV 04	DEC 24	DEC 24	APR 07	MAR 05	MAR 01
62 - 63	NOV 16	NOV 26	DEC 13	APR 05	APR 05	FEB 26
63 - 64	DEC 13	DEC 13		MAR 30	MAR 30	
88 - 89	NOV 20	NOV 21		NOV 21	NOV 21	
MEDIAN-DATE	DEC 07	DEC 27	JAN 07	APR 05	MAR 12	FEB 26

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT CCCCCC
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT CCCCCCCC
PP PP AA AA RR RR TT CC CC
PP PP AA AA RR RR TT CC
PPPPPPPPP AA AA RRRRRRRRR TT CC
PPPPPPPP AAAAAAAAAA RRRRRRRR TT CC
PP AAAAAAAAAA RR RR TT CC
PP AA AA RR RR TT CC CC
PP AA AA RR RR TT CCCCCCCC
PP AA AA RR RR TT CCCCCC

SURFACE WIND SUMMARIES

PEAK WINDS.
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1969, BUT IN JULY 1969, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF PEAK SPEEDS ARE AVAILABLE.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.
ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (PDF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED WITH EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 6308-6403
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
63													
64	WNW 31	W 37	ESE 32					NW #39	W 34	SSW 30	SW 45	ENE 29	SW #45 W #37
GREATEST	WNW 31	W 37	ESE 32					NW 39	W 34	SSW 30	SW 45	ENE 29	SW 45
TOTAL OBS	31	29	31					16	30	31	30	31	231

THE PEAK WIND OF 45 FROM SW OCCURRED ON 11/13/63

NOTE: #THE VALUE IS BASED ON A MONTH WITH LESS THAN 80% OF DATA AVAILABLE FOR THE MONTH
&THE VALUE IS 100 OR GREATER WITH LESS THAN 80% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION (AI
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 6308-6403
LST TO UTC: +00 MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.0	6.5	32.3	32.3	22.6	3.2	3.2	.0	.0	.0	.0	16.6	16.0	31
FEB	.0	.0	27.6	27.6	24.1	13.8	3.4	3.4	.0	.0	.0	19.4	18.0	29
MAR	3.2	.0	19.4	25.8	29.0	19.4	3.2	.0	.0	.0	.0	19.2	20.0	31
APR														
MAY														
JUN														
JUL														
AUG	.0	5.6	27.8	16.7	27.8	5.6	5.6	11.1	.0	.0	.0	20.5	20.0	18
SEP	.0	6.7	30.0	26.7	16.7	13.3	6.7	.0	.0	.0	.0	17.9	15.5	30
OCT	.0	.0	22.6	25.8	35.5	9.7	6.5	.0	.0	.0	.0	19.8	21.0	31
NOV	.0	6.7	23.3	13.3	16.7	13.3	16.7	3.3	6.7	.0	.0	22.2	21.5	30
DEC	.0	6.5	19.4	25.8	32.3	16.1	.0	.0	.0	.0	.0	18.5	18.0	31
ANNUAL	.4	3.9	25.1	24.7	25.5	12.1	5.5	1.7	.9	.0	.0	19.2	18.0	231

OPERATING LOCATION MAM — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCOLTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	1.5	.8	.1	.1							2.8	8.7	8.5
020-040	.9	.4	.4	.3	.2	.1						2.4	9.6	7.0
050-070	.5	3.4	3.2	1.5	1.1	.1						9.9	11.5	10.0
(E) 080-100	1.0	2.4	1.9	1.1	.4							6.8	10.3	10.0
110-130	.4	.3	.1	.1								1.4	6.9	7.0
140-160	1.7	3.4	2.6	1.6	.4							9.8	9.7	9.0
(S) 170-190	.3	2.3	4.1	3.0	1.1	.2						12.0	12.5	13.0
200-220	.4	1.9	3.5	2.2	.4	.3		.1				8.9	12.7	12.0
230-250	2.0	5.5	6.3	2.4	1.1							17.3	10.4	10.0
(W) 260-280	1.3	4.4	3.2	1.5	.3	.2	.2					11.7	9.9	8.0
290-310	.5	2.3	2.3	.6								6.5	9.3	8.5
320-340	1.4	3.1	1.5	.3	.1							6.9	8.1	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.7	//////////	//////////
TOTALS	11.9	32.5	30.1	15.0	5.2	.9	.2	.1				100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 730

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.7	.5	.1	.1							3.0	7.7	6.0
020-040	.6	1.1	1.0	.1	.1							2.9	8.1	7.0
050-070	.9	3.0	3.1	2.2	1.2	.2	.1					10.6	12.0	12.0
(E) 080-100	.6	2.3	1.6	1.0	.1							5.8	9.9	9.5
110-130	.4	.5	.2									1.2	6.5	6.0
140-160	1.7	2.5	3.1	1.4	.1	.2						9.0	10.1	10.0
(S) 170-190	.8	2.4	3.5	2.4	1.0	.4	.1					10.5	13.0	13.0
200-220	.5	2.8	2.5	2.3	1.3	.2						9.6	12.6	13.0
230-250	1.8	6.1	6.2	3.4	.3							18.0	10.3	11.0
(W) 260-280	1.4	4.4	3.3	1.5	.4	.4	.1					11.6	10.7	9.5
290-310	.9	4.2	1.5	.9	.1							7.5	8.7	8.0
320-340	1.0	2.7	1.3	.6	.1							5.7	8.7	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 06-09

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	1.1	.3	.1	.2							2.0	8.6	7.0
020-040	.1	1.4	.5	.4		.3						2.9	11.4	9.0
050-070	1.3	4.9	2.9	1.7	.8	.3						11.9	10.6	9.0
(E) 080-100	.2	2.0	1.5	.4	.8	.1						5.1	11.5	10.0
110-130	.2	1.0	.1									1.3	6.3	6.0
140-160	1.3	3.3	3.3	1.8	.3	.2						10.3	10.8	10.0
(S) 170-190	.3	3.1	3.4	2.6	1.3							10.8	12.6	12.0
200-220	.4	3.2	2.9	2.2	1.0	.3						10.0	12.1	12.0
230-250	1.4	5.8	6.2	2.9	.4							16.8	10.4	10.0
(W) 260-280	1.3	5.1	3.2	1.3	.2							11.6	9.1	8.0
290-310	1.1	3.5	1.8	.5	.1	.1	.1					7.3	8.9	7.0
320-340	1.6	1.5	1.5	1.1								5.7	9.1	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	4.3	//////////	
TOTALS	10.0	35.9	27.7	15.9	5.1	1.3	.1					100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	2.0	1.0	.4	.3							4.0	10.0	8.0
020-040	.2	.9	.5	.1								1.7	8.6	7.0
050-070	1.3	3.7	3.5	1.7	1.0	.2	.2					11.6	11.4	10.0
(E) 080-100	1.0	2.5	2.0	.8	.4	.2						6.9	10.4	9.5
110-130	.3	.3	.5	.3								2.0	8.9	8.0
140-160	.5	2.8	3.3	2.6	.5	.1						10.3	11.8	12.0
(S) 170-190	.4	2.6	2.7	3.7	.4	.2						10.3	12.9	13.5
200-220		3.5	3.1	2.7	.3	.2						10.3	12.2	11.0
230-250	1.5	5.3	5.3	2.3	.6	.1						15.6	10.7	10.0
(W) 260-280	1.4	4.5	3.0	2.0								11.0	9.7	9.0
290-310	.3	2.7	1.3	1.9								6.7	9.9	9.0
320-340	1.3	2.3	2.2	.6	.1							6.2	9.0	8.5
VARIABLE														
CALM	//////////////

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE, UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	2.0	1.1	.2	.1							4.2	10.0	9.0
020-040	.1	.4	.2	.0	.1							1.7	11.4	10.0
050-070	.4	2.5	4.3	2.2	1.3	.3	.1	.2				11.2	13.5	12.0
(E) 080-100	.5	2.3	2.0	1.0	.3							5.9	10.5	10.0
110-130	.2	1.0	1.1									2.3	8.4	9.0
140-160	.5	2.5	4.2	2.5	.6							10.4	12.2	13.0
(S) 170-190	.3	2.4	3.4	2.6	.5	.4						10.2	12.6	12.0
200-220	.3	2.3	3.1	2.8	1.3	.3						10.8	13.0	13.0
230-250	1.1	4.7	5.7	2.5	.4	.1						14.5	10.9	11.0
(W) 260-280	.4	3.9	3.1	1.5	.5	.1	.1					9.8	11.0	10.0
290-310	.5	2.6	3.0	2.0	.1							8.3	10.9	12.0
320-340	.3	3.1	2.3	1.7	.1							7.7	10.1	9.5
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.0	//////////	//////////
TOTALS	6.1	30.4	33.1	19.6	5.7	1.2	.2	.2				100.0	11.2	11.0

TOTAL NUMBER OF OBSERVATIONS 9?7

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34373 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.8	1.1	.5	.5	.1						4.9	10.1	8.0
020-040	.5	1.4	.2	.5								2.7	8.4	6.0
050-070	.9	3.5	3.2	1.6	.2	.4	.1					11.0	12.5	11.5
(E) 080-100	.8	2.0	2.2	.2	.3							5.5	9.7	9.0
110-130	.3	.9	.3									1.9	7.9	6.0
140-160	1.3	3.3	4.1	1.5	.4							10.6	10.0	10.0
(S) 170-190	1.0	3.4	3.4	3.0	.9	.2		.1				12.0	12.1	12.0
200-220	.5	4.1	2.7	1.4	.3	1.0	.2	.1				11.3	12.7	10.0
230-250	1.0	3.9	3.9	2.0	.3	.1						11.9	11.2	11.0
(W) 260-280	1.1	3.5	2.2	.9	.4	.3	.1					9.5	11.0	10.0
290-310	1.3	2.7	2.5	1.5								8.5	9.1	8.0
320-340	1.4	2.4	2.3	1.0								7.0	8.8	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	1.1	1.4	.3	.1	.3						4.4	9.5	9.0
020-040	1.1	1.6		.2	.1	.1						3.1	7.3	6.0
050-070	1.0	4.3	3.1	1.3	.6	.1	.4					10.8	11.2	10.0
(E) 080-100	.8	1.7	1.5	.9	.3	.1						5.2	10.8	10.0
110-130	.3	1.0	1.2									2.9	7.6	8.0
140-160	1.6	4.8	4.2	1.4	.3							12.4	9.5	9.0
(S) 170-190	.6	3.4	4.3	3.5	1.1	.3	.1					13.4	12.8	12.0
200-220	.5	2.9	1.4	1.5	.6	.6	.2					8.4	13.1	12.0
230-250	1.3	3.3	4.2	2.3	.5	.2						13.2	10.6	10.0
(W) 260-280	1.3	3.7	2.8	1.2	.2	.2						9.9	9.5	8.0
290-310	1.2	2.2	1.7	1.7		.1	.2					7.1	10.8	10.0
320-340	1.5	1.3	1.3	.4	.1							5.8	8.5	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.4	//////////	//////////
TOTALS	13.9	32.4	28.1	14.9	3.9	2.0	.9					100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 331

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

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

STATION NUMBER: 34-73 STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: - 0 MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.2	1.7									4.0	7.6	7.0
020-040	.5	1.4	.4	.5	.1	.2						3.2	10.6	9.0
050-070	1.5	2.3	3.7	1.6	.3	.1						10.3	10.6	10.0
(E) 080-100	.8	1.6	1.5	1.1	.2	.2						5.4	11.4	10.0
110-130	.4	.3	1.1									1.8	8.9	10.0
140-160	1.5	4.3	.5	2.4	.4							11.5	10.0	9.0
(S) 170-190	1.1	3.6	5.7	4.9	1.3	.2						13.5	12.5	12.0
200-220	.3	2.2	2.4	1.5	.5	.4	.1	.1	.1			8.2	13.8	13.0
230-250	2.7	5.1	6.3	2.7	.2	.1	.1					15.8	10.1	10.0
(W) 260-280	1.1	4.3	2.7	.6	.3	.1						8.6	8.9	8.0
290-310	1.2	2.2	2.2	2.2	.2							7.8	10.6	11.0
320-340	1.3	2.4	1.8	.3	.1							5.6	7.9	7.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	4.2	////	////
TOTALS	13.2	31.3	27.1	19.1	4.1	1.3	.3	.1	.1			100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.6	1.0	.2	.2	.1						3.7	9.2	8.0
020-040	.5	1.1	.4	.3	.1	.1						2.6	9.4	7.5
050-070	1.0	3.5	3.4	1.7	1.1	.2	.2	.0				10.9	11.7	11.0
(E) 080-100	.7	2.1	1.3	.6	.4	.1						5.8	10.5	10.0
110-130	.4	.8	.5	.1								1.9	7.8	7.0
140-160	1.3	3.4	3.5	1.9	.4	.1						10.6	10.5	10.0
(S) 170-190	.7	3.0	3.6	3.1	1.0	.3	.0	.0				11.6	12.6	12.0
200-220	.4	2.9	2.5	2.1	.9	.4	.1	.0	.0			9.7	12.7	12.0
230-250	1.7	5.0	4.4	2.7	.5	.1	.0					15.4	10.6	10.0
(W) 260-280	1.4	4.2	3.0	1.3	.4	.2	.1					10.5	10.0	9.0
290-310	1.0	2.9	2.0	1.4	.1	.0	.0					7.5	9.8	9.0
320-340	1.3	2.4	1.4	.5	.1							6.3	8.8	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.7	//////	//////
TOTALS	11.0	32.9	29.3	16.4	5.1	1.6	.4					100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34373 STATION NAME: RAF SCOLTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	1.3	1.1	.1	.1	.1						3.3	8.7	8.0
020-040	.2	.7	.4	.2	.0							2.0	7.3	6.0
050-070	.7	2.0	3.2	1.7	.4	.1	.1					8.2	11.8	12.0
(E) 080-100	.6	1.9	2.7	.6	.2	.0						5.9	10.5	11.0
110-130	.5	1.2	.7	.1								2.6	7.6	6.5
140-160	1.7	4.3	3.1	2.0	.5	.1						13.9	10.4	10.0
(S) 170-190	1.3	3.8	4.6	3.7	1.4	.3		.0				15.0	12.5	13.0
200-220	.6	3.6	3.8	2.0	.4	.5	.0	.0				10.5	12.0	11.0
230-250	1.7	5.3	2.2	.4	.1							9.7	7.9	7.0
(W) 260-280	1.7	6.1	2.4	.5								10.8	7.8	7.0
290-310	1.3	3.7	.9	.5								6.4	7.5	6.0
320-340	1.4	3.0	2.0	.5	.1							7.3	8.5	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	1.4	.2									2.4	6.0	5.0
020-040	1.2	.9	1.6	.5								4.2	8.6	9.0
050-070	1.6	5.2	3.1	1.2	.5							12.6	9.5	8.0
(E) 080-100	.4	2.6	1.6	1.2	.1							5.9	9.8	9.5
110-130	1.6	2.0	.9	.6								5.2	7.3	6.0
140-160	2.2	3.3	1.8	.4								7.7	7.4	6.0
(S) 170-190	1.1	3.5	2.4	2.0	.9	.1						10.6	11.2	10.0
200-220	.4	2.9	1.3	1.2	.2							6.6	10.3	9.5
230-250	1.6	7.1	2.1	1.9	.5	.2						13.4	9.2	7.0
(W) 260-280	1.5	5.5	3.3	1.6		.1						12.1	9.0	8.0
290-310	1.1	2.4	2.5	1.5	.5	.1						8.0	10.4	10.0
320-340	.5	1.3	1.5	1.1								5.1	10.2	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.2	//////////	
TOTALS	14.0	39.3	23.5	13.2	3.0	.5						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 743

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.1	.9	.2								3.8	8.0	6.5
020-040		1.9	.9	.5	.1							3.4	10.2	8.0
050-070	2.1	4.6	3.9	2.2	.5							13.3	9.8	9.0
(E) 080-100	1.3	2.2	1.9	.7	.2							6.8	9.0	8.0
110-130	1.9	2.1	.7	.4								5.1	6.7	6.0
140-160	2.0	3.5	1.1	.7								7.3	7.4	7.0
(S) 170-190	.3	2.8	2.6	2.0	.2							8.5	11.0	11.0
200-220	.4	1.9	2.1	1.6	.1							6.1	11.2	10.0
230-250	1.9	6.2	3.9	2.4	.4	.6						15.3	10.0	9.0
(W) 260-280	.3	4.9	3.2	1.2	.1	.2						10.5	9.8	9.0
290-310	.5	2.1	2.2	1.4								6.2	10.3	10.0
320-340	.6	3.2	2.1	.7	.1							6.9	9.1	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.7	//////////	
TOTALS	13.5	37.5	25.5	14.0	1.7	.3						100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.7	.8	.5								3.7	9.0	8.0
020-040		1.4	1.4	.4	.1							3.3	10.5	10.0
050-070	1.9	4.1	5.4	1.6	.6	.4						14.1	10.7	11.0
(E) 080-100	1.4	2.1	2.9	.7								7.2	9.1	10.0
110-130	.3	2.6	.5	.2								4.1	6.9	6.0
140-160	1.4	2.9	2.4	.4								7.5	8.8	9.0
(S) 170-190	.4	4.5	1.6	1.9	.5	.1						9.0	10.8	9.0
200-220	.4	2.3	1.4	1.2	.1							5.9	10.1	8.0
230-250	.3	3.7	3.9	2.4	1.1	.2						17.2	10.2	9.0
(W) 260-280	.9	4.3	3.7	.5	.1							9.5	9.5	9.0
290-310	.1	2.5	2.7	.9	.1							6.6	10.4	10.0
320-340	1.2	2.2	1.1	1.6	.1							6.2	9.5	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.7	//////////	//////////
TOTALS	9.9	39.7	28.0	13.2	2.7	.7						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34573 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.1	.9	.5	.6	.1						3.7	11.8	10.0
020-060	.2	1.5	1.3	.6	.2							3.9	10.3	10.0
050-070	1.2	3.5	5.3	2.7	.9	.2						13.9	11.8	13.0
(E) 080-100	.3	2.5	2.0	.8	.1							6.4	9.8	9.0
110-130	1.2	2.2	1.9	.5								5.8	8.7	8.0
140-160	1.3	3.4	2.4	1.5	.4							9.0	10.1	9.0
(S) 170-190	.4	2.7	2.9	.6	.7							7.5	11.0	10.0
200-220	.3	2.4	2.6	.8	.4							7.1	10.0	10.0
230-250	.9	6.7	6.0	2.0	.1	.2						16.6	10.2	10.0
(W) 260-280	1.1	2.7	4.9	2.4	.5	.1						11.7	11.4	12.0
290-310	.6	2.4	2.5	1.1								6.5	10.1	11.0
320-340	.5	1.6	1.4	1.3	.3							5.3	11.6	12.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	2.8	////	////
TOTALS	9.7	32.7	34.7	15.0	4.4	.5						100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	2.0	.4	.9	.4							3.9	10.9	8.0
020-040	.2	.5	2.0	.4	.2							3.3	11.8	12.0
050-070	.4	3.4	4.5	2.2	1.1	.5	.1					12.1	13.0	12.0
(E) 080-100	.4	1.4	2.6	1.5	.1							6.0	11.9	12.0
110-130	.1	3.2	2.2	.7								6.2	9.8	8.0
140-160	.6	2.8	3.1	1.4	.5							8.4	10.9	10.0
(S) 170-190	.6	2.6	2.4	.8	.5	.2						7.1	11.0	10.0
200-220	.7	2.2	2.4	1.3	.4	.2						7.2	11.2	10.0
230-250	.5	4.5	7.5	3.2	.1	.1	.1					16.0	11.5	12.0
(W) 260-280	.7	2.9	4.5	3.2	.2	.2						11.8	11.7	12.0
290-310	.2	1.3	3.1	1.6	.5							7.2	12.0	12.0
320-340	.1	1.6	2.1	2.4	.5	.2						6.9	12.8	13.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.9	//////////	
TOTALS	4.7	28.9	36.3	19.6	4.9	1.4	.2					100.0	11.2	12.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	.7	.7	.1	.2							2.5	9.7	9.0
020-040		1.4	1.2	.4	.5							3.4	11.6	11.0
050-070	.5	4.8	5.5	2.6	.7	.2						14.5	11.7	11.0
(E) 080-100	.5	2.0	2.0	.8								5.3	10.2	10.0
110-130	1.1	2.5	2.0	.4								5.9	8.2	8.0
140-160	.3	2.9	3.4	1.2	.5							9.0	10.4	10.0
(S) 170-190	.4	3.2	1.9	1.3	.4							7.1	10.7	9.5
200-220	.7	2.5	2.1	.8	.2							6.4	9.6	9.5
230-250	1.3	4.4	6.7	2.7	.7	.1						15.9	11.1	11.0
(W) 260-280	1.2	4.0	4.1	1.3	.1							10.7	10.1	10.0
290-310	.5	2.5	2.7	1.1	.4							7.1	10.8	10.0
320-340	.7	3.1	2.3	1.5	.4	.1						8.6	10.7	11.0
VARIABLE														
CALM	////////////

OPERATING LOCATION NAM — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	.7	.5	.5	.1							1.9	10.8	10.5
020-040	.1	.8	.8	.2	.4							3.1	9.4	8.0
050-070	1.4	7.2	4.7	1.6	.6	.1						15.7	9.8	9.0
(E) 080-100	.7	3.1	1.2	.5	.3							5.8	9.2	8.0
110-130	.7	3.2	1.4									5.3	7.6	7.0
140-160	1.2	2.6	2.1	1.4	.5		.1					8.1	10.5	10.0
(S) 170-190	1.3	2.9	2.5	.9	.5							8.1	9.4	9.0
200-220	1.2	2.7	1.5	1.2	.4							6.9	9.6	8.0
230-250	1.5	5.8	4.1	1.6	.5							13.5	9.2	8.0
(W) 260-280	1.4	3.5	3.2	2.2	.1	.2	.1					11.1	10.4	10.0
290-310	.7	2.0	2.5	.9	.2							6.4	10.3	10.0
320-340	1.2	2.4	2.0	1.5	.1							7.2	9.8	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////////	//////////
TOTALS	12.2	37.4	26.5	12.5	3.8	.3	.2					100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	.9	.4	.2								2.1	7.7	6.0
020-040	.5	1.6	1.2	.6								3.9	9.0	9.0
050-070	1.4	6.5	4.4	1.3	.4	.1						14.0	9.4	9.0
(E) 080-100	.7	2.6	2.0	.6	.4	.1						6.4	9.9	9.0
110-130	1.8	2.0	1.2	.2								5.2	7.1	6.0
140-160	1.1	3.3	1.8	.6	.1	.2						7.5	9.1	8.0
(S) 170-190	.4	3.7	2.5	1.4	.5	.4						8.7	11.2	10.0
200-220	.6	2.2	2.1	.9	.4							6.2	10.8	10.0
230-250	2.2	6.6	3.4	1.3	.7							14.5	9.1	7.0
(W) 260-280	1.6	4.1	3.5	1.3	.1	.2	.1					11.1	9.8	9.0
290-310	1.5	2.9	2.1	.8	.5	.2						8.1	9.9	9.0
320-340	.7	1.5	1.9	.9								5.1	10.0	10.0
VARIABLE														
CALM	//////////////

~~OPERATING LOCATION "A"~~ ~~PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED~~
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCOLTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.4	.6	.4	.2	.0						3.0	9.4	8.0
020-040	.4	1.3	1.3	.4	.2							3.6	10.1	10.0
050-070	1.3	5.0	4.6	2.0	.7	.2	.0					13.8	10.7	10.0
(E) 080-100	.8	2.3	2.0	.9	.2	.0						6.2	9.8	9.0
110-130	1.1	2.5	1.4	.4								5.3	7.9	7.0
140-160	1.3	3.2	2.2	1.0	.2	.0	.0					8.1	9.4	9.0
(S) 170-190	.6	3.2	2.4	1.4	.5	.1						8.3	10.8	10.0
200-220	.6	2.5	2.0	1.1	.3	.3						6.6	10.4	10.0
230-250	1.4	5.2	4.8	2.2	.5	.2	.0					15.3	10.1	10.0
(W) 260-280	1.2	4.0	3.8	1.8	.2	.1	.0					11.1	10.3	10.0
290-310	.8	2.3	2.6	1.2	.3	.0						7.0	10.5	10.0
320-340	.7	2.2	1.9	1.4	.2	.0						6.4	10.5	10.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.4	//////	//////
TOTALS	10.5	36.1	29.6	14.2	3.5	.6						100.0	9.6	10.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION NAM — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.9	.5	.3	.0	.0						2.2	9.3	8.0
020-040	.5	1.2	1.1	.1	.1							3.1	8.8	7.5
050-070	.3	3.2	4.1	1.7	1.0	.2						11.1	11.7	12.0
(E) 080-100	1.6	3.0	2.6	1.0	.2	.3						8.3	9.6	9.0
110-130	2.4	5.0	2.4	.3								10.6	7.8	8.0
140-160	2.2	4.2	2.6	1.3	.0							10.3	8.5	8.0
(S) 170-190	.9	3.4	1.9	1.3	.4	.3						8.0	10.1	9.0
200-220	.9	2.3	1.5	1.0	.3	.3						6.2	9.2	8.0
230-250	2.0	6.8	3.5	1.0								13.4	8.2	7.0
(W) 260-280	1.4	3.9	3.2	.5		.2						8.9	8.6	8.0
290-310	1.1	1.3	1.1	.6	.1	.1						4.8	8.7	7.0
320-340	.7	2.6	1.3	.9	.3							5.7	9.7	8.0
VARIABLE														
CALM	//////////											7.4	//////////	
TOTALS	14.8	38.5	25.9	10.5	3.1	.3						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 2317

OPERATING LOCATION #4
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	1.1	1.1	.9	.3							4.5	10.1	9.5
020-040	.3	1.6	2.0	.1								4.1	9.1	10.0
050-070	1.6	5.3	3.3	.9	.1							11.2	8.6	8.0
(E) 080-100	1.2	4.4	3.3	1.0								10.1	9.1	8.0
110-130	2.2	4.8	1.5	.3								8.9	7.2	7.0
140-160	1.1	5.5	4.7	.8								11.8	8.9	9.0
(S) 170-190	1.7	3.2	3.1	.6								8.7	8.6	8.0
200-220	1.3	2.5	2.2	.3	.1							6.3	8.6	8.0
230-250	1.9	5.5	4.1	1.2	.5	.1						13.3	9.1	8.0
(W) 260-280	1.3	4.0	1.5	.2								7.0	7.5	7.0
290-310	.5	1.9	1.2	.4	.2							4.3	9.6	8.5
320-340	1.2	3.2	1.2	.9	.2							6.7	8.6	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "AA"
[illegible]

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

STATION NO: [illegible] STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 8 MONTH: MAR HOURS: 03-05

DIR CTR (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(4) 360-014	.5	1.2	2.9	.9	.5								5.1	11.0	11.0
020-04[illegible]	.5	2.2	1.9	.7									5.3	9.2	9.0
[illegible]	[illegible]	3.3	[illegible]	1.0	[illegible]								10.5	9.2	9.0
(1) 060-103	1.7	3.7	3.7	1.3									9.8	8.9	8.0
110-143	1.1	4.7	1.9	.8									9.4	7.2	6.0
140-1[illegible]	1.1	[illegible]	[illegible]	1.1									10.9	8.5	8.0
(2) 170-1[illegible]	1.7	4.3	1.[illegible]	[illegible]	[illegible]								8.5	8.2	7.0
20[illegible]-2[illegible]	.[illegible]	[illegible]	[illegible]	.8									6.1	9.4	9.0
240-2[illegible]	1.[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							13.9	9.3	8.0
(3) 2[illegible]-2[illegible]	1.7	2.[illegible]	1.4	.1									5.8	7.1	7.0
2[illegible]-31[illegible]	.[illegible]	[illegible]	[illegible]	.1									4.6	9.5	10.0
32[illegible]-3[illegible]	.[illegible]	[illegible]	1.1	1.[illegible]	[illegible]	[illegible]							[illegible]	10.2	8.5
VARIABLE															
CALM	//////////////

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34-73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: - 0 MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND-SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(4) 350-010	.2	2.2	1.6	.4	.3							5.4	9.4	8.5
020-040	.3	2.7	2.2	.4	.1							5.7	9.7	8.0
050-070	.5	4.2	3.0	1.2	.3							10.0	10.1	10.0
(5) 080-100	1.1	4.7	2.7	1.4	.2							10.1	9.4	9.0
110-130	2.1	4.3	1.8	1.1	.1							9.5	7.8	7.0
140-160	1.4	6.2	2.4	1.1	.2							11.3	8.7	8.0
(6) 170-190	1.2	4.1	2.1	.5		.3						9.0	9.0	8.0
200-220	.3	2.4	1.2	.4								5.1	8.1	7.0
230-250	1.2	4.1	4.7	2.3	.5							13.0	10.6	11.0
(1) 260-280	.5	2.6	1.8	.4								5.5	8.7	8.0
290-310	.3	2.4	1.1	1.0	.1							4.8	9.9	9.0
320-340	1.2	3.1	1.2	1.1								6.5	8.6	7.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34-73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	1.7	1.3	.9	.5	.2						4.7	12.7	12.0
020-040	.1	1.0	2.2	1.0	.3							5.2	11.9	12.0
050-070	.3	2.5	3.3	2.2	1.0							11.0	12.3	12.0
(E) 080-100	.4	3.7	4.2	1.7	.2							10.2	10.7	10.0
110-130	.5	3.7	4.0	1.5	.1	.1						10.0	10.6	10.0
140-160	1.7	2.3	4.3	1.3	.3							12.0	10.0	10.0
(S) 170-190	.5	2.8	4.4	1.1		.3	.1					9.2	10.9	11.0
200-220	.3	2.3	1.6	1.1								5.6	10.0	10.0
230-250	.5	1.0	5.7	3.3	.5							12.9	11.9	12.0
(W) 260-280	.3	1.8	1.7	1.3								5.2	10.6	10.0
290-310	.3	1.3	1.4	1.0	.1							5.2	10.0	9.0
320-340	1.1	3.4	1.7	1.2	.2							7.6	9.3	8.0
VARIABLE														
CALM	////////////

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34473 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.2	2.5	.9	.5	.3						6.9	11.5	10.5
020-040	.2	1.6	3.5	.8	.5	.1						6.8	11.5	11.0
050-070	.2	2.1	4.6	1.3	.9							10.4	12.2	13.0
(E) 080-100	.3	2.7	3.1	1.3	.3							7.7	11.2	10.5
110-130	.4	3.1	3.2	2.0	.4							9.2	11.5	11.5
140-160	.2	4.3	5.2	2.5	.6							13.7	11.7	12.0
(S) 170-190	.5	3.4	3.7	1.0		.3						8.5	10.8	11.0
200-220	.3	1.3	2.4	1.8	.3							6.1	12.5	13.0
230-250	.1	2.0	5.3	2.2	1.8			.1				11.5	12.5	12.0
(W) 260-280	.3	1.5	2.4	2.4	.3							6.9	12.7	13.0
290-310	.3	1.3	1.8	1.0								3.8	11.3	12.0
320-340	1.0	2.2	3.3	1.0	.5							7.7	10.8	11.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
GST TO UTC: + 0 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	2.7	3.2	1.0	.4	.1						8.2	10.5	10.0
020-040	.5	2.6	3.9	.4	.5	.1						7.2	10.9	11.0
050-070	.3	3.5	5.6	3.1	.1							12.7	11.6	12.0
(E) 080-100		2.3	3.1	1.2								6.6	11.3	10.0
110-130	.1	3.1	3.5	1.3	.6							8.7	11.4	10.0
140-160	.3	6.0	7.0	1.3	.5							13.8	10.9	10.0
(S) 170-190	.3	1.9	3.7	1.1	.2							7.3	11.3	12.0
200-220	.5	2.0	2.8	.9	.2	.1	.1	.1				6.8	11.3	10.0
230-250	.3	3.7	4.4	1.5	.5			.1				10.5	11.4	11.5
(W) 260-280	.5	1.9	3.1	1.5		.1						7.2	10.9	12.0
290-310		1.0	1.2	.8	.1							3.0	12.1	12.5
320-340	.0	2.7	2.4	1.2	.9							7.5	10.7	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 74873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 0 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	2.5	1.8	.9	.1							6.8	9.0	9.0
020-040	1.2	2.4	2.4	.5								6.5	8.7	9.0
050-070	1.6	4.9	4.1	1.0	.2							12.7	9.4	9.0
(E) 080-100	.4	3.4	4.3	.6								9.1	9.7	10.0
110-130	.3	5.1	3.3	.9	.2							10.2	9.3	9.0
140-160	1.5	5.5	5.4	.9	.1							13.3	9.2	9.0
(S) 170-190	.3	2.9	2.9	.6		.1						6.5	9.9	9.5
200-220	.3	2.5	2.0	.4	.1	.2						6.1	9.6	8.0
230-250	.2	3.7	3.2	1.3		.1		.1				9.2	10.1	10.0
(W) 260-280	1.3	2.3	2.2	1.1								6.8	9.3	9.0
290-310	.1	1.9	1.2	.3								3.5	9.4	9.0
320-340	1.0	3.0	1.4	1.3								6.7	9.3	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.6	//////////	
TOTALS	11.7	40.5	33.4	10.4	.7	.4		.1				100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34373 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	2.0	1.1	.4	.3							5.3	8.6	7.0
020-040	.4	2.3	2.5	.6								6.1	9.6	10.0
050-070	1.5	3.7	3.7	1.3								10.1	9.5	9.0
(E) 080-100	.9	4.3	5.1	.9								10.9	9.8	10.0
110-130	1.1	3.5	1.8	.4	.1							7.0	8.4	7.0
140-160	2.3	5.0	4.3	1.4	.1							14.6	8.7	8.0
(S) 170-190	.5	3.3	3.4	.5								8.3	9.2	9.0
200-220	.4	2.3	1.9	.6	.1							4.9	9.3	9.0
230-250	1.7	4.1	3.3	1.2		.1	.1					10.5	9.3	8.0
(W) 260-280	1.2	3.1	2.8	.6								7.7	8.8	8.0
290-310	.2	1.6	1.2	.6	.1							3.8	10.3	10.0
320-340	.3	3.4	1.3	.3	.1							6.3	8.4	7.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	4.4	////	////
TOTALS	12.1	40.4	32.8	9.3	.4	.1	.1					100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.9	1.9	.7	.4	.1						5.8	10.3	10.0
020-040	.9	2.0	2.6	.6	.2	.0						5.8	10.1	10.0
050-070	.8	4.0	4.2	1.6	.3							11.1	10.4	10.0
(E) 080-100	.7	3.7	3.6	1.1	.1							9.3	9.9	10.0
110-130	1.1	4.2	2.6	1.0	.2	.0						9.1	9.2	8.0
140-160	1.2	5.2	4.[illegible]	1.3	.2							12.7	9.6	9.0
(S) 170-190	.9	3.2	3.2	.8	.1	.1	.0					8.3	9.7	10.0
200-220	.6	2.3	2.0	.8	.1	.1	.[illegible]	.0				5.9	9.9	10.0
230-250	1.1	4.2	4.2	1.[illegible]	.4	.1	.0	.0				11.9	10.5	10.0
(W) 260-280	.9	2.5	2.0	1.0	.1	.0						6.5	9.5	9.0
290-310	.3	1.7	1.4	.6	.1							4.1	10.2	10.0
320-340	.9	3.0	1.7	1.0	.3	.[illegible]						6.9	9.5	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.6	//////////	//////////
TOTALS	10.0	37.9	34.0	12.3	2.5	.3						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST IN UTC: - 0 MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	2.2	1.3	.7	.3	.2						6.1	10.1	9.0
020-040	.4	2.2	2.9	.2	.1	.0						5.8	9.6	10.0
050-070	.9	4.9	5.5	2.0	.3							13.7	10.3	10.0
(E) 080-100	1.1	4.6	5.3	1.6	.2							12.7	10.0	10.0
110-130	1.4	5.7	4.3	1.3	.4	.1						13.2	9.7	9.0
140-160	1.6	5.7	4.4	1.1	.2							12.6	9.1	8.0
(S) 170-190	.3	3.5	3.0	.4	.3	.1						8.0	9.0	8.0
200-220	.6	2.2	1.4	.5	.1							4.8	9.2	8.5
230-250	1.2	3.3	2.0	.2	.1	.0						7.7	8.9	7.0
(W) 260-280	.3	1.4	.8	.3								3.4	7.6	7.0
290-310	.4	1.3	.2	.4	.0							2.4	8.6	7.0
320-340	1.0	2.3	1.4	1.3	.5							6.4	10.4	9.5
VARIABLE														
CALM	//////////////

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	6.1	3.4	.7								11.9	8.1	7.0
020-040	.7	1.7	2.2	.9	.2							5.7	10.3	10.0
050-070	2.3	5.7	2.5	.9	.4							12.8	8.5	8.0
(E) 080-100	1.2	2.0	.5	.2								4.2	7.2	7.0
110-130	.8	1.3	.3	.1								2.6	6.3	5.0
140-160	1.6	4.7	1.4									7.7	6.8	6.0
(S) 170-190	1.2	5.9	2.2	.2								9.6	7.7	7.0
200-220	.7	4.6	2.1	1.0	.7							9.2	9.7	8.0
230-250	2.1	5.1	3.7	1.2	.1							12.2	8.7	8.0
(W) 260-280	1.1	3.1	2.1	.3								6.7	8.3	8.0
290-310	.7	3.1	2.6	.2	.1							6.7	8.9	8.0
320-340	.4	4.1	1.6	.6								6.7	8.4	7.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34H73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	5.2	2.7	.9								10.7	8.3	7.0
020-040	1.0	2.7	2.6	1.0	.1							7.3	9.4	9.5
050-070	1.3	5.3	4.6	1.1	.2							11.6	9.2	9.0
(E) 080-100	.2	2.3	.3	.2								3.1	7.7	7.0
110-130	.7	1.9										2.6	5.7	5.0
140-160	1.0	3.8	.4	.1								6.1	6.5	6.0
(S) 170-190	.7	5.2	2.2	.1								8.2	7.9	7.0
200-220	.6	3.4	3.0	.7	.3							8.9	9.9	10.0
230-250	2.9	6.0	3.4	1.0								13.8	8.1	7.0
(W) 260-280	2.1	3.1	3.1	.4								8.8	8.2	8.0
290-310	.4	2.4	2.3	.7								5.9	9.2	10.0
320-340	.9	4.7	2.7	.3								8.2	8.4	7.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	4.9	////	////
TOTALS	14.2	46.0	27.7	6.3	.3							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 960

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	4.2	4.7	1.0								10.8	9.7	10.0
020-040	.3	2.3	3.3	1.5	.3							8.2	11.0	10.5
050-070	1.3	4.4	4.4	1.7	.2							11.8	10.0	10.0
(E) 080-100	1.2	1.4	1.0	.1								3.7	7.0	6.5
110-130	.9	1.6	.3									2.8	6.0	6.0
140-160	1.1	3.9	1.9									6.9	7.7	8.0
(S) 170-190	1.2	2.5	3.5	.2								7.3	8.9	9.5
200-220	.5	2.3	4.2	.5	.2							7.8	10.5	10.0
230-250	1.4	6.1	4.9	1.7	.1							14.2	9.4	9.0
(W) 260-280	.4	2.3	4.2	.5								7.4	9.9	10.0
290-310	.5	2.4	2.9	.6								6.5	9.6	10.0
320-340	1.0	3.1	3.7	1.1								8.8	9.6	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34573 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LSI ID UIC: = 0 MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	2.1	5.4	2.2	.1							10.9	11.1	12.0
020-040	.1	2.4	3.4	3.4	.7							10.1	12.9	13.0
050-070	1.2	3.8	4.3	3.1	.4							12.8	11.0	11.0
(E) 080-100	1.4	1.4	1.0	.2								3.5	7.7	7.0
110-130		1.4	.7									2.1	8.5	9.0
140-160	1.1	2.3	2.7	1.0								7.0	9.1	10.0
(S) 170-190	.3	2.2	2.6	1.6								6.7	10.6	10.0
200-220	.1	2.1	4.5	2.2								8.9	11.9	13.0
230-250	.4	2.1	5.3	3.2	.2	.1						12.0	12.4	13.0
(W) 260-280	.3	1.5	3.6	1.7	.4							7.6	12.1	12.0
290-310	.3	1.6	2.2	1.2	.3							5.9	11.1	10.0
320-340	1.3	3.2	4.4	1.9	.2							11.4	10.5	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: -0
PERIOD OF RECORD: APR 54 - MAR 64
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	4.6	5.7	2.7	.8	.1						14.7	11.6	12.0
020-040	.5	2.8	2.7	2.9	.5							8.7	12.5	13.0
050-070	.7	2.1	5.4	3.3	1.0	.1						13.4	12.4	13.0
(E) 080-100	.2	1.3	1.1	.4								3.6	9.4	9.0
110-130	.5	1.0	.7									2.3	7.7	7.5
140-160	.3	1.3	2.5	.3	.1							4.8	10.8	12.0
(S) 170-190	.4	1.4	2.8	2.0	.1							6.7	11.8	12.0
200-220	.3	1.5	3.1	3.0	.1							8.0	12.5	13.0
230-250	.4	1.5	3.5	3.8	.9							12.8	13.0	13.0
(W) 260-280	.6	2.7	4.3	1.6	.3							9.3	11.3	11.0
290-310	.2	1.3	3.2	1.2								5.9	11.1	12.0
320-340	.3	2.7	3.9	1.6	.2							8.7	11.1	10.0
VARIABLE														
CALM	////////////

... WIND DIRECTION VERSUS WIND SPEED ...

... PERIOD: APR 64 - MAR 64
... HOURS: 15-17

	TOTAL %	MEAN WIND	MEDIAN WIND
	14.7	11.5	11.5
	11.0	12.0	12.0
	17.5	11.6	12.0
	5.1	10.3	10.0
	2.0	7.9	8.0
	5.7	10.4	11.0
	5.5	11.2	11.0
	7.5	12.0	12.0
	11.3	11.8	11.0
	7.5	11.0	11.5
	5.0	11.1	11.0
	5.4	10.7	10.0
	1.3	////////////	
	100.0	11.2	11.0

...ATION ... WIND DIRECTION VERSUS WIND SPEED

...: ... PERIOD OF RECORD: APR 54 - MAR 64
... MONTH: APR HOURS: 18-20

| (...) | ... | ... | ...

WIND DIRECTION VERSUS WIND SPEED

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED (KNOTS)												TOTAL %	MEAN WIND	MEDIAN WIND
(a) 350-10	1.7	4.1	2.1	1.1	.1								10.4	8.6	8.0
020-040	1.0	2.1	2.1	1.2	.2								7.1	9.9	10.0
050-070	2.0	3.0	1.2	.9									15.3	3.9	8.0
(a) 080-100	1.3	4.1	.3										5.9	6.2	6.0
110-130	.2	2.2	.2										3.7	6.7	6.0
140-160	1.0	2.0	1.2	.7									10.4	7.2	7.0
(a) 170-190	.2	.0	.1	.0	.1								9.1	8.7	7.5
200-220	1.1	2.1	1.1	.2	.1								6.4	9.1	8.0
230-250	2.1	4.0	1.1	1.0	.2								11.7	8.9	8.0
(a) 260-280	.0	.0	1.0	.0									7.0	8.7	8.0
290-310	.1	1.7	1.1	.0	.1								3.8	9.9	10.0
320-340	1.2	2.3	1.1	.2		.1							6.6	8.5	8.0
VARIABLE	/////////////

WIND DIRECTION VERSUS WIND SPEED

PERIOD OF RECORD: APR 54 - MAR 64
HOURS: ALL

| | | |

SURFACE WIND DIRECTION VERSUS WIND SPEED

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: APR HOURS: ALL

CEILING AND VISIBILITY EQUAL TO OR GREATER THAN 1/2 MILE (800 METERS).

VISIBILITY 1/2 MILE (800 METERS) OR GREATER BUT LESS THAN 1 MILE (1600 METERS) WITH CEILING GE 200 FEET.

DIRECTION	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
(2) 350-010	.1	3.7	4.4	1.1	.1							11.0	10.6	10.0
020-040	.1	2.4	3.3	3.1	.1	.1	.1					9.8	12.2	12.5
050-070	.1	2.4	4.7	4.1	1.1							13.8	10.9	10.0
(1) 080-100	.1	3.4	1.1									5.0	7.4	7.0
110-130	.1	2.1	.7									3.0	7.3	7.0
140-160	1.7	4.7	4.1	.5								10.2	8.4	8.0
(1) 170-190	.7	3.4	2.1	.5								6.9	9.0	8.0
200-220	.1	2.1	.1	.7	.1							6.6	10.3	10.0
230-250	1.1	4.3	4.3	1.3								10.9	9.4	9.0
(2) 260-280	1.2	2.7	1.7	.3	.1							6.0	7.8	7.0
290-310	.1	1.1	1.1	.1								3.0	8.5	9.0
320-340	.1	2.1	3.7	.5	.1							6.6	9.8	10.5
VARIABLE	////////////

[illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED

[illegible]

STATION: [illegible] STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64

EST TIME: - 0 MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(A) 350-010	1.0	4.4	2.9	.9									9.4	8.4	8.0
020-050	1.1	2.9	2.2										6.2	7.7	7.5
050-080	1.2	3.0	1.7	.0									7.1	8.1	8.0
(B) 080-100	.0	1.3	.9	.1									2.8	8.0	8.0
110-130	1.0	2.9	.1										4.0	6.1	6.0
140-160	1.1	4.0	1.7	.3									9.2	6.7	6.0
(C) 170-190	.0	.9	2.	.9	.1								8.3	9.0	9.0
200-220	.0	.9	1.	1.	.0								8.7	9.9	9.0
230-250	1.0	.0	.0	.0									17.8	8.4	8.0
(D) 260-280	1.1	2.3	4.1	.9									10.4	8.4	8.0
290-310	.1	1.0	.1	.1			.1						2.7	8.0	7.0
320-340	1.0	3.2	1.0	.9	.1	.1	.1						7.3	8.6	8.0
VARIABLE															
CALM	//////////////

[illegible] AIR [illegible] "AF"
[illegible] CLIMATOLOGY OF [illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] FOR ALL DAY [illegible] VARIOUS

STATION [illegible] STATE [illegible] CONDITION [illegible]
LAT [illegible] LONG: [illegible]

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-14	15-19	20-24	25-29	30-39	40-49	50-64	65 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
(1) 350-010	1.7	4.1	3.4	.6								9.8	8.7	9.0
020-040	1.3	3.3	2.5	1.0								8.0	8.6	8.0
050-070	1.1	2.2	1.9	.3								5.6	8.7	8.0
(2) 080-100	.9	1.9	1.2	.6								3.7	9.3	9.0
110-130	.5	1.3	.9	.1								2.4	6.7	6.0
140-160	.9	4.3	1.3	.2								8.4	6.8	6.0
(3) 170-190	1.1	2.3	1.3	.9	.1							7.7	9.2	8.5
200-220	.3	2.0	3.3	1.9	.3							8.8	10.3	10.0
230-250	1.0	3.1	2.1	.3								16.6	8.1	8.0
(4) 260-280	1.0	3.0	4.3	.9	.3	.0						11.5	8.8	8.0
290-310	.5	1.7	1.1	.1								3.7	8.4	7.5
320-340	1.2	2.4	3.0	.9								7.6	8.5	9.0
VARIABLE														
CALM	//////////////

OPERATIONAL APPLICATIONS BRANCH
DIAMETAC, AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
BY MONTHLY VARIATIONS

STATION: [illegible]
LOCATION: [illegible]

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: 06-08

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	OVER 63	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	4.3	4.0	1.3									11.5	9.9	10.0
020-040	.3	4.7	2.1	.2	.1								7.2	9.5	10.0
050-070	.2	2.2	3.3	1.9	.1								7.6	10.7	10.0
(E) 080-100	.2	2.2	1.2	.7									4.3	8.0	7.0
110-130	.2	1.9	.4										2.4	6.2	6.0
140-160	1.4	2.2	2.1	.2									6.9	8.2	7.0
(S) 170-190	1.3	4.2	3.2	.6	.1								9.4	9.1	9.0
200-220	.2	3.1	.7	3.7	.2	.1							9.0	12.2	12.0
230-250	1.2	3.3	3.2	1.7	.2								10.3	9.7	10.0
(W) 260-280	.3	3.2	4.3	1.2		.1							9.9	11.0	11.0
290-310	1.2	.7	1.2	.3									3.4	8.8	9.5
320-340	1.2	2.9	2.2	1.2	.1								9.7	9.8	10.0
VARIABLE															
CALM	//////////////

OPERATIONAL CLIMATOLOGY BRANCH
USAETAC, SCOTT AFB, ILL 62225

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR EARLY USAF STATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: 09-11

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 348-011	.2	4.7	6.6	2.3	.1	.1							14.7	11.5	12.0
012-033	.3	2.7	3.7	1.1	.1								6.5	10.5	10.0
034-056	.3	1.4	3.8	1.7	.6	.1							8.0	12.1	12.0
(E) 057-101	.4	.9	.9	1.0									3.3	10.0	11.0
102-123	.6	2.2	.5	.2									3.7	7.6	7.0
124-146	1.1	2.0	1.0	1.0	.1								6.2	9.0	8.0
(S) 147-168	.5	3.3	4.3	2.3	.5	.1							10.2	11.6	12.0
169-191	.6	2.3	2.5	.7									7.0	14.6	14.0
192-213	.3	4.3	7.4	3.9	.5	.1							16.7	11.5	12.0
(W) 214-236	.1	2.9	.7	2.0	.5	.1							10.5	11.9	12.0
237-258	.2	.5	.5	.1	.1								1.9	9.4	9.0
259-281	.3	2.0	3.3	1.0	.1	.1							8.9	10.8	10.0
VARIABLE															
CALM	//////////////

[illegible] WEATHER BUREAU — FREQUENCY OF OCCURRENCE OF OBSERVED SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] DISCRETE, ASHEVILLE, N.C. — HOURLY OBSERVATIONS

STATION NUMBER: 13873 STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
LST DIFFERENTIAL: -0 MONTH: MAY HOURS: 12-14

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(2) 350-010	.3	4.1	6.7	4.3	.4								16.9	11.4	11.0
020-040	.1	3.7	3.0	1.4	.0								8.7	11.2	11.0
050-070	.1	2.3	3.0	1.0	.1								6.5	11.6	11.0
(1) 080-100	.1	1.3	1.7	1.0									3.3	11.2	12.0
110-130	.2	1.1	1.6	.3									3.1	9.7	10.0
140-160	.1	2.3	3.7	.3									6.3	9.5	10.0
(3) 170-190	.2	.9	2.7	1.8	.7								6.3	13.7	14.0
200-220	.2	2.9	3.9	.9	.2								7.6	14.8	15.0
230-250	.1	4.5	4.8	3.8	1.8	.5							15.5	12.3	12.0
(4) 260-280	.1	2.4	3.	2.7	.4								8.8	12.7	13.0
290-310	.2	1.3	1.2	.4									2.9	10.1	10.0
320-340	.3	2.7	2.2	1.2									7.2	10.3	10.0
VARIABLE															
CALM	//////////////

[illegible] LOCATION "A"
[illegible], ASHEVILLE [illegible]

[illegible] OF [illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] STATIONS

STATION NUMBER: [illegible] STATION [illegible]
EST TZ SEC: [illegible]

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED [illegible]	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	[illegible]	16.1	11.6	11.5
020-040	[illegible]	9.9	11.3	10.5
050-070	[illegible]	10.9	10.5	10.0
(E) 080-100	[illegible]	5.2	10.2	10.0
110-130	[illegible]	3.2	9.7	9.5
140-160	[illegible]	6.6	10.5	10.0
(S) 170-190	[illegible]	6.8	12.8	13.0
200-220	[illegible]	7.3	15.1	15.0
230-250	[illegible]	14.5	11.8	12.0
(W) 260-280	[illegible]	10.9	11.9	12.0
290-310	[illegible]	2.8	11.2	10.0
320-340	[illegible]	5.2	11.4	11.5
VARIABLE				
CALM	//	.4	////////////	
TOTAL	[illegible]	100.0	11.6	12.0

TOTAL [illegible]

[illegible] "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED

USA, [illegible] VILLE, [illegible] [illegible] MILITARY STATIONS

STATION NUM[illegible]: 94[illegible] STATION TYPE: [illegible] PERIOD OF RECORD: APR 54 - MAR 64

EST TO UTC: - 6 MONTH: MAY HOURS: 18-20

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(N) [illegible]	1.[illegible]	3.[illegible]	7.[illegible]	1.[illegible]	.[illegible]								14.2	10.7	10.0
[illegible]	.[illegible]	3.1	3.1	1.[illegible]	.[illegible]								8.5	10.4	10.0
[illegible]	1.[illegible]	5.[illegible]	3.[illegible]	1.[illegible]	.[illegible]	.1							13.2	9.2	9.0
(E) [illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.1									5.2	7.4	7.0
[illegible]	1.1	1.[illegible]	.[illegible]	.1									3.7	7.0	6.5
[illegible]	1.[illegible]	4.[illegible]	3.[illegible]	.[illegible]									9.8	7.9	8.0
(S) [illegible]	1.[illegible]	4.[illegible]	.[illegible]	.[illegible]									6.9	11.4	11.5
[illegible]	.[illegible]	1.[illegible]	.[illegible]	1.[illegible]	.[illegible]								7.5	11.4	11.0
[illegible]	1.[illegible]	.[illegible]	3.[illegible]	1.[illegible]	.[illegible]	.[illegible]							11.7	9.6	9.0
(W) [illegible]	1.[illegible]	3.[illegible]	3.[illegible]	1.[illegible]	.1								9.5	9.5	9.5
[illegible]	.1	.[illegible]	1.[illegible]	.[illegible]									3.0	10.9	10.0
[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.[illegible]	.[illegible]								5.4	9.1	7.5
VARIABLE															
[illegible]	////////////

PERCENTAGE FREQUENCY OF HOURLY SURFACE WIND DIRECTION VERSUS WIND SPEED

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY HOURS: 21-23

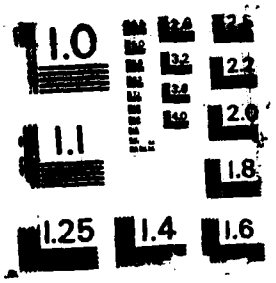
DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(A) 350-010	1.4	4.2	3.6	1.3									10.6	9.0	9.0
020-040	1.3	4.4	1.8	.6									8.1	7.7	7.0
050-070	2.1	3.9	2.9	.6									9.4	8.0	8.0
(A) 080-100	1.4	1.4	.9										4.1	6.1	5.5
110-130	.3	1.8	.6	.1									3.4	6.5	6.0
140-160	2.4	7.4	1.4	.1									11.3	6.5	6.0
(A) 170-190	1.1	4.7	2.6	1.0	.1								9.5	8.9	8.0
200-220	.3	3.3	3.3	1.6	.1								8.5	10.2	9.0
230-250	2.2	7.1	4.7	.3									13.7	7.9	7.0
(A) 260-280	1.7	2.4	3.7	.4									8.0	8.4	8.5
290-310	.7	1.2	.1	.1									1.9	7.2	7.5
320-340	1.2	2.1	1.7	1.1	.1	.1							6.5	8.6	7.0
VARIABLE															
CALM	//////////////

WIND DIRECTION VERSUS WIND SPEED

PERIOD OF RECORD: APR 64 - MAR 64
MONTH: MAY HOURS: ALL

WIND DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
(1) 35- 1	1.7	4.1	4.7	1.1	.4	.1							12.9	10.4	10.0
2- 4	.7	.7	1.4	4.1	.7								7.9	9.7	10.0
5- 7	1.7	1.4	1.1	1.7	.1	.1							6.3	9.9	10.0
(8- 10	.1	1.7	1.4	.1									4.0	8.7	8.0
11- 13	.4	1.7	.7	.1									3.2	7.5	7.0
14- 16	1.7	.1	.4	.1	.1								3.1	7.9	7.0
(17- 19	.7	.1	.7	1.1	.1	.1							3.1	10.5	10.0
20- 22	.4	.1	1.7	.4	.1	1.1							3.1	12.2	12.0
23- 25	1.1	.7	.4	.1	.1	.7							13.3	10.0	10.0
(26- 28	.1	.1	1.7	1.1	.1	.1							10.0	10.3	10.0
29- 31	.4	1.1	1.1	.1	.1	.1							2.3	9.3	9.0
32- 34	1.1	1.1	1.4	1.1	.1	.1							7.7	9.6	10.0
VARIABLE															
CALM	////////////

AD-A209 093 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RAF 2/4
SCULTHORPE UNITED KINGDOM(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL APR 89
UNCLASSIFIED USAFETAC/DS-89/202 F/G 4/2 NL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OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	10.3	12.6	2.6	.2	.1						26.2	10.4	10.0
020-040	.3	5.3	5.2	3.4	.6							14.9	11.4	10.0
050-070	.1	3.7	4.7	3.2	.4							12.1	11.7	12.0
(E) 080-100	.3	.4	.4	.3								1.6	9.7	9.5
110-130	.4	1.0	.4	.1								1.9	7.4	6.5
140-160	1.3	3.6	1.6	.3								6.7	7.9	8.0
(S) 170-190	.4	2.8	1.9	1.8	.6							7.6	11.4	12.0
200-220	.1	1.1	1.9	1.7	1.2	.1						6.2	14.5	14.0
230-250	.7	3.5	3.4	.7	.1	.2						8.6	9.6	10.0
(W) 260-280	.3	2.0	1.8	.3	.3	.3						5.0	11.4	10.0
290-310	.2	.6	.5	.3								1.6	9.6	9.5
320-340	.3	2.1	2.7	1.2	.1	.1						6.5	10.7	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	3.8	2.8	.3								7.6	8.7	8.0
020-040	.3	2.2	1.8									4.3	8.5	8.0
050-070	1.8	4.7	1.2									7.7	6.9	7.0
(E) 080-100	1.6	2.1	.9	.4	.1							5.1	7.7	7.0
110-130	1.1	.9	.4	.1								2.6	6.5	5.0
140-160	3.0	3.0	1.4	.3								7.8	6.5	5.0
(S) 170-190	1.9	5.1	1.9	.6								9.5	7.5	7.0
200-220	1.0	4.0	3.3	.6	.1							9.0	8.9	9.0
230-250	3.9	11.0	5.7	1.3								22.0	7.9	8.0
(W) 260-280	1.3	4.7	1.9	.2								8.1	7.2	6.0
290-310	.3	2.6	.2	.2	.3							3.7	8.8	7.0
320-340	2.2	2.3	1.3	.3								6.2	7.0	6.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.4	//////////	//////////
TOTALS	19.1	46.4	22.8	4.3	.5							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	3.6	3.3	1.0								8.4	9.5	10.0
020-040	.1	2.4	1.7	.1								4.3	8.7	8.0
050-070	.9	3.3	1.9	.2								6.3	8.2	8.0
(E) 080-100	.8	1.9	1.0	.8	.1							4.6	8.7	8.0
110-130	1.1	1.1		.1								2.3	5.4	5.0
140-160	2.1	2.9	1.1	.6								6.6	6.8	6.0
(S) 170-190	.9	3.4	1.9	.4		.1						6.8	8.6	8.0
200-220	1.4	4.3	3.7	1.2								10.7	9.1	9.0
230-250	3.8	11.2	6.2	1.0	.1							22.3	7.9	7.0
(W) 260-280	1.0	5.1	1.9	.7								8.7	8.1	8.0
290-310	1.0	2.1	.3	.4								3.9	7.3	6.0
320-340	2.7	4.2	1.6	.1	.1							8.7	6.6	5.5
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.4	//////////	
TOTALS	16.4	45.5	24.6	6.4	.3	.1						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	3.2	3.3	1.3	.2							8.6	10.6	10.0
020-040	.4	2.3	1.1	.6								4.4	9.0	8.5
050-070	.3	4.3	3.3	1.0								9.0	9.8	9.0
(E) 080-100	.7	1.9	1.6	.3	.1							4.6	8.9	8.0
110-130	.6	.9	.3	.2								2.0	7.6	7.0
140-160	1.2	3.2	1.2	.9								6.6	8.0	7.0
(S) 170-190	1.4	3.9	2.8	.3	.1							8.6	8.5	8.0
200-220	.3	3.3	3.1	2.2	.6							9.6	11.6	10.5
230-250	1.6	7.3	8.4	1.7	.2							19.2	9.9	10.0
(W) 260-280	.9	3.9	3.0	.8	.2							8.8	9.5	9.0
290-310	.7	1.4	1.4	.3	.1							4.0	9.2	8.5
320-340	1.0	4.3	3.7	.8	.2							10.6	8.9	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(8) 350-010	1.2	3.1	3.6	1.1	.1							9.1	9.5	10.0
020-040	.4	1.6	3.4	.7	.1							6.2	10.4	10.0
050-070	.2	2.4	3.6	2.2	.1							8.6	11.4	11.0
(6) 080-100	.4	1.9	1.6	.8								4.7	10.0	9.5
110-130	.2	.8	.6	.6								2.1	10.1	10.0
140-160	.8	2.2	2.2	1.1								6.3	9.6	10.0
(5) 170-190	.3	2.8	3.4	.8	.3							7.7	10.5	10.0
200-220	.2	2.4	3.4	2.9	.3							9.3	12.2	12.5
230-250	1.2	4.2	8.7	4.3								18.4	11.2	12.0
(4) 260-280	.7	2.2	4.3	2.1	.3							9.7	11.1	11.0
290-310	.7	2.2	2.2									5.1	8.6	9.0
320-360	.7	2.9	4.2	1.4	.6							9.8	11.0	11.0
VARIABLE														
CALM	////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	3.8	5.4	1.7	.2							11.8	10.8	11.0
020-040	.9	3.8	2.4	1.4	.2							8.8	9.7	9.0
050-070	.6	3.3	3.7	2.0	.2							9.8	10.7	10.0
(E) 080-100		1.1	1.6	.8								3.4	11.7	12.0
110-130	.1	1.2	1.0	.6								2.9	9.8	10.0
140-160	.3	1.7	1.8	.7								4.6	10.1	10.0
(S) 170-190	.9	1.7	2.3	1.6	.2							6.7	10.8	11.0
200-220	.3	1.7	3.1	2.2	.8	.1						8.2	12.8	13.0
230-250	.3	6.1	10.0	3.8	.6							20.8	11.3	12.0
(W) 260-280	.4	3.3	4.4	1.7	.2							10.1	10.6	10.0
290-310	.2	.9	1.6	.3	.1							3.1	10.5	10.5
320-340	.7	2.9	2.7	1.2	.2	.1						7.8	10.4	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	3.4	5.6	2.1	.3	.3						12.1	11.6	12.0
020-040	.3	3.2	4.7	.6	.4							9.2	10.4	10.0
050-070	.9	6.8	4.8	1.6	.2							12.1	9.8	10.0
(E) 080-100	.2	2.3	3.1	.9	.2							6.8	10.8	11.0
110-130	.1	1.2	1.3	.4								3.1	10.6	11.0
140-160	.2	2.0	1.8	.8	.1							4.9	10.6	10.0
(S) 170-190	.1	1.7	2.3	1.0	.3	.1						5.6	11.9	10.0
200-220	.3	1.4	2.1	2.3	.6							6.8	12.8	13.0
230-250	.6	5.0	10.0	3.2	.2	.1						19.1	11.2	11.0
(W) 260-280	.2	2.7	4.6	1.3	.3							9.1	10.9	10.0
290-310	.2	1.3	2.2	.4								4.2	10.6	11.0
320-340	.3	1.8	2.3	.4	.2	.1	.1					5.3	11.1	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	4.0	3.8	1.6	.6	.3						11.2	10.6	10.0
020-040	.3	2.8	2.8	.3								6.2	9.0	9.5
050-070	2.6	5.9	4.9	.7								14.0	8.4	8.0
(E) 080-100	.9	3.6	1.8	.4	.1							6.8	8.6	8.0
110-130	.5	2.7	1.6									4.8	8.0	8.0
140-160	1.0	4.7	2.4	.6	.1							8.8	8.6	8.0
(S) 170-190	.2	2.8	1.9	.3	.2							5.4	9.7	9.0
200-220	.3	3.3	3.3	1.1								8.7	9.9	10.0
230-250	1.1	6.2	6.6	1.4	.3							15.7	10.0	10.0
(W) 260-280	.3	3.1	2.1	1.2								6.8	10.0	9.0
290-310	.4	1.4	1.7	.4								4.0	9.5	10.0
320-340	.3	2.7	1.7	.2	.1	.2						5.2	9.3	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE
LST TO UTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	3.8	3.0	.7	.1							9.2	8.4	8.0
020-060	1.2	2.6	1.0	.1								4.9	7.3	7.0
050-070	1.9	5.1	2.9	.1								10.0	7.6	8.0
(E) 080-100	2.0	1.9	.7	.4								5.0	6.7	5.0
110-130	1.4	2.7	.8	.1								5.0	6.5	6.0
140-160	2.4	7.5	1.6	.6								12.0	6.9	6.0
(S) 170-190	1.7	4.8	3.0	.2								9.7	8.0	8.0
200-220	.4	3.9	2.7	.7								7.7	9.0	9.0
230-250	3.0	8.1	5.5	.7	.1							17.4	8.1	8.0
(W) 260-280	1.4	3.5	1.4	.2								6.6	7.3	7.0
290-310	.2	2.0	.3	.2	.1							2.9	8.0	6.0
320-360	1.3	3.0	.9	.3	.3							5.9	8.2	7.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	3.6	3.8	1.2	.2	.1						9.8	10.1	10.0
020-040	.5	2.6	2.4	.5	.1							6.1	9.3	9.0
050-070	1.1	4.2	3.3	1.0	.1							9.7	9.1	9.0
(E) 080-100	.8	2.1	1.5	.6	.1							5.1	9.1	8.0
110-130	.7	1.4	.8	.3								3.1	8.0	7.0
140-160	1.4	3.4	1.7	.7	.0							7.2	8.1	7.0
(S) 170-190	.9	3.3	2.4	.7	.2	.0						7.5	9.2	9.0
200-220	.6	3.1	3.1	1.7	.3	.0						8.7	10.7	10.0
230-250	1.9	7.4	7.6	2.2	.2	.0						19.4	9.6	10.0
(W) 260-280	.9	3.6	3.0	1.0	.1							8.5	9.5	9.0
290-310	.5	1.8	1.3	.3	.1							3.9	9.0	8.0
320-340	1.2	3.1	2.3	.6	.2	.1	.0					7.4	9.1	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.8	//////	//////
TOTALS	11.2	39.6	33.2	10.8	1.6	.2						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34573 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	5.2	10.5	4.5	.6	.2						21.3	11.7	12.0
020-040	.1	3.1	6.1	1.5	.3							11.1	11.2	11.0
050-070	.3	4.0	3.7	1.4	.2							9.5	10.3	10.0
(E) 080-100	.5	1.5	2.4	.4	.2							5.1	10.0	10.0
110-130	.6	1.1	.5	.6								2.9	8.9	8.0
140-160	.3	3.5	1.4	1.4								7.7	9.3	8.0
(S) 170-190	.5	2.7	1.6	1.1	.3	.1						6.4	10.6	9.0
200-220	.3	1.2	2.2	1.6	.1							5.4	11.9	11.0
230-250	.6	3.5	3.4	1.6	.2							11.3	10.3	11.0
(W) 260-280	.3	2.2	2.2	.6								5.4	9.6	10.0
290-310	.3	1.3	.3	.8	.4							3.1	11.6	9.5
320-340	.1	3.3	3.3	1.7	.7	.2	.1					9.3	12.1	11.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.6	//////////	//////////
TOTALS	4.9	33.6	39.7	17.7	3.0	.5	.1					100.0	10.7	10.0

TOTAL NUMBER OF OBSERVATIONS 1157

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	3.3	2.2	.6	.1							7.3	8.7	8.0
020-040	.2	1.3	1.2									2.7	8.5	9.0
050-070	.9	3.3	.6	.2								5.1	7.1	7.0
(E) 080-100	1.0	.6	.2									1.9	5.5	4.5
110-130	2.0	1.1		.1								3.2	4.9	4.0
140-160	3.0	4.2	1.0	.2								8.4	6.0	5.0
(S) 170-190	2.5	6.1	1.7	.4	.3							11.1	7.3	6.0
200-220	1.3	3.7	3.1	1.0								9.0	9.0	8.0
230-250	2.4	8.2	5.3	2.6	.2	.1						20.0	9.4	9.0
(W) 260-280	1.4	6.1	2.5	.6								10.6	8.0	7.0
290-310	.6	3.2	1.2		.1							5.2	7.7	7.5
320-340	1.5	5.1	1.2	.2	.1							8.1	7.1	6.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	4.2	2.2	.5	.1							7.7	8.7	8.0
020-040	.3	1.4	1.0	.1								2.8	8.5	8.5
050-070	.2	1.4	1.0									2.6	8.3	8.0
(E) 080-100	1.4	1.0	.3									2.7	5.4	4.0
110-130	1.6	.2	.1	.1								2.5	5.6	4.0
140-160	2.0	3.8	.4	.4								7.8	6.1	5.0
(S) 170-190	2.7	4.6	1.5	.9	.1	.1	.1					10.0	7.5	6.0
200-220	1.3	3.3	2.0	1.2	.1	.1	.1					8.7	9.7	9.0
230-250	3.2	10.3	7.1	2.6								23.2	8.9	8.0
(W) 260-280	1.5	4.3	2.6	.4								9.5	8.1	7.0
290-310	1.4	4.0	1.4									6.8	7.0	7.0
320-340	1.4	4.5	1.9									7.8	7.1	7.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	4.2	4.0	.6		.3						9.7	10.0	10.0
020-040	.4	1.3	1.3									3.0	8.5	9.0
050-070	.4	2.0	.6									3.1	7.3	7.0
(E) 080-100	.1	1.7	.2	.1								2.2	7.8	7.0
110-130	.5	2.0	.6									3.2	6.8	6.0
140-160	1.3	2.7	1.3	.4	.1							5.8	8.2	7.0
(S) 170-190	1.3	4.6	3.0	1.0	.1	.2						10.2	8.9	8.0
200-220	1.0	3.2	2.6	1.0	.1	.3						8.2	9.9	9.0
230-250	1.5	7.9	3.4	4.0		.1						21.9	10.3	10.0
(W) 260-280	.5	5.3	3.8	1.5								11.1	9.8	9.0
290-310	.3	3.1	2.0	.2								5.7	8.3	8.0
320-340	.5	5.9	5.3	.3								12.1	9.1	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 09-11

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	.3	4.3	5.8	.6	.1	.1						11.3	10.2	10.0
	020-040	.4	1.2	1.7	.5	.1							4.0	10.3	10.0
	050-070	1.1	2.0	.8	.1								4.0	6.9	6.0
(E)	080-100	.3	1.9	.5									2.8	7.5	8.0
	110-130	.3	1.6	.4									2.4	7.0	6.5
	140-160	.9	2.6	1.9	.2	.2	.1						5.9	9.1	9.0
(S)	170-190	.8	2.8	3.1	1.5	.1		.1					8.4	11.0	11.0
	200-220	.2	2.3	3.4	1.5	.2		.1	.2				8.0	12.2	12.0
	230-250	.3	5.8	3.0	4.5	.6	.3						19.8	12.2	12.0
(W)	260-280	.4	3.3	4.9	2.3	.1							11.1	11.1	12.0
	290-310	.5	2.7	2.5	.5	.2							6.5	9.7	9.5
	320-360	.9	5.6	5.7	1.1	.1	.2						13.5	10.0	10.0
	VARIABLE														
	CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.5	//////	//////
	TOTALS	6.4	36.1	38.7	12.8	1.7	.9	.2	.2				100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	6.0	5.7	1.7	.4							14.5	10.3	10.0
020-040	.2	1.5	2.0	.4	.1							4.3	10.4	10.0
050-070	.6	2.6	.9	.5								4.6	8.4	8.0
(E) 080-100	.5	1.6	1.2									3.3	7.8	8.0
110-130	.1	1.3	.6									2.0	8.4	8.0
140-160	.2	1.3	1.0	.4		.3						3.2	11.2	10.0
(S) 170-190	.5	2.3	2.5	1.4	.2							6.9	10.8	10.5
200-220	.9	2.5	3.1	1.7	.4		.1	.2				8.9	11.8	11.0
230-250	.6	5.5	3.6	4.8	.5		.2	.1				20.4	12.0	12.0
(W) 260-280	.4	3.1	5.9	3.3	.1							12.9	11.7	12.0
290-310	.1	2.7	1.8	.5								5.2	9.6	9.0
320-360	1.1	4.2	4.9	.9	.3	.1						11.5	9.7	10.0
VARIABLE														
CALM	////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	7.0	5.2	2.6	.1							15.6	10.1	10.0
020-040	.5	2.0	2.9	.2								5.7	9.1	10.0
050-070	.6	5.7	2.2	.6								9.1	8.2	7.0
(E) 080-100		1.7	1.5	.2								3.4	9.4	9.5
110-130		1.0	.4									1.4	9.2	9.0
140-160	.4	1.9	1.7	.1								4.2	9.0	9.0
(S) 170-190	.1	3.0	3.2	1.1	.1							7.5	10.7	10.5
200-220	.1	1.3	2.2	1.1	.1		.1	.2				5.1	12.9	12.0
230-250	1.0	5.5	3.0	6.3	.5	.4	.1					19.8	11.8	12.0
(W) 260-280	.1	3.0	7.2	2.4	.2							12.9	11.5	12.0
290-310	.3	2.0	2.3	.9								5.5	10.4	10.0
320-340	.2	4.3	3.3	.2	.1							8.2	9.4	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	7.0	4.2	1.0	.1							13.5	8.8	8.0
020-040	.5	2.0	1.7	.1								4.4	8.5	8.0
050-070	2.4	5.8	2.2	.3								10.6	7.1	7.0
(E) 080-100	1.0	4.7	.9	.1								6.7	7.0	7.0
110-130	1.0	2.8	.6	.1								4.5	6.8	6.0
140-160	1.7	3.4	1.4	.1								6.7	6.9	6.0
(S) 170-190	.3	2.8	2.5	1.1								6.7	10.0	10.0
200-220	.1	2.5	2.3	.4								5.3	9.4	10.0
230-250	1.0	3.4	5.6	1.7	.4	.2	.1					18.2	9.9	9.0
(W) 260-280	.8	5.3	4.1	1.0	.2	.1	.1					11.5	9.8	9.0
290-310	.3	1.9	1.5									3.8	8.8	8.0
320-340	.8	2.8	2.2	.3								6.0	8.7	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	4.7	2.4	1.5	.2							11.3	8.4	7.0
020-040	.6	1.8	.4	.2								3.1	7.3	7.0
050-070	1.5	3.1	.9									5.5	6.2	6.0
(E) 080-100	2.2	2.0	.3	.1								4.6	5.3	5.0
110-130	1.8	2.3	.2									4.3	5.7	5.0
140-160	3.4	6.6	1.4	.5								11.9	6.8	6.0
(S) 170-190	1.2	4.8	1.5	.4								8.0	7.5	7.0
200-220	.6	3.5	2.3	.4								6.9	8.7	8.0
230-250	2.2	10.0	5.7	2.0	.1	.1						20.1	9.1	8.0
(W) 260-280	1.2	5.2	2.0	.2	.1							8.7	8.0	8.0
290-310	1.0	2.4	.4									3.8	6.5	7.0
320-340	1.2	1.9	1.8	.2								5.2	8.1	7.5
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: ALL

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	1.0	5.1	3.9	1.2	.1	.1						11.4	9.5	9.0
	020-040	.4	1.6	1.5	.2	.0							3.8	9.0	9.0
	050-070	1.0	3.3	1.1	.2								5.6	7.4	7.0
(E)	080-100	.8	1.9	.6	.1								3.5	6.9	6.0
	110-130	.9	1.6	.4	.0								2.9	6.5	6.0
	140-160	1.7	3.3	1.3	.3	.0	.1						6.7	7.4	7.0
(S)	170-190	1.2	3.9	2.4	1.0	.1	.0	.0					8.6	9.0	8.0
	200-220	.7	2.8	2.7	1.0	.1	.1	.1	.1				7.5	10.4	10.0
	230-250	1.5	7.7	7.3	3.3	.3	.2	.1	.0				20.4	10.4	10.0
(W)	260-280	.8	4.5	4.1	1.5	.1	.0	.0					11.0	9.9	10.0
	290-310	.6	2.8	1.6	.3	.0							5.3	8.5	8.0
	320-340	.9	4.3	3.3	.4	.1	.0						9.0	8.9	8.0
	VARIABLE														
	CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////	//////
	TOTALS	11.5	42.8	30.2	9.5	.8	.5	.2	.1				100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION NAF
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

	WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	5.8	9.5	2.7	.8	.3						19.6	11.4	11.0
020-040	.1	3.0	4.9	.5	.1							8.6	10.3	10.0
050-070	.8	4.0	2.2	.2								7.3	8.0	8.0
(E) 080-100	.9	1.7	.8	.1								3.5	7.4	7.5
110-130	.3	1.4	.3	.1								2.0	7.1	6.0
140-160	.9	3.3	1.4	.6	.1	.1						6.5	8.8	8.0
(S) 170-190	.4	2.7	2.9	1.2	.4	.1	.1					7.6	10.9	10.0
200-220	.5	2.3	2.7	.9	.3		.1					6.8	10.5	10.0
230-250	1.1	6.3	6.3	2.8	.1	.1						16.7	10.3	10.0
(W) 260-280	.5	2.7	1.2	.1	.1	.1						4.8	8.7	8.0
290-310	.2	2.9	1.1	.4								4.6	8.4	8.0
320-340	.1	4.7	3.9	.4								9.1	9.3	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	2.8	1.1	.1								5.2	7.0	6.0
020-040	.6	1.2	.2	.1								2.2	6.3	5.0
050-070	1.8	3.4	.3	.2								5.8	5.9	5.5
(E) 080-100	1.0	1.5	.3									2.8	5.9	5.0
110-130	1.7	.8	.1									2.6	4.6	3.5
140-160	2.0	3.4	.9									6.3	6.0	6.0
(S) 170-190	3.1	5.1	1.8	.8	.1	.2						11.1	7.6	6.0
200-220	1.6	3.4	1.6	.3	.1							7.1	7.7	7.0
230-250	4.5	14.3	6.9	2.5	.3							28.5	8.6	8.0
(W) 260-280	2.0	5.5	2.2	1.1	.3	.3						11.4	8.8	7.0
290-310	1.3	2.7	.5	.1								4.6	6.5	6.0
320-340	2.0	2.0	.9	.2	.4							5.6	7.4	5.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////////	//////////
TOTALS	22.8	46.1	16.8	5.4	1.2	.5						100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	3.3	.9	.6								6.8	6.9	5.0
020-060	.6	.9	.1									1.6	5.5	5.0
050-070	1.7	2.9	.6									5.3	5.9	5.0
(E) 080-100	.5	1.7	.2									2.5	5.8	5.0
110-130	1.3	1.2										2.5	4.8	4.0
140-160	2.9	2.5	1.0	.1								6.5	6.0	5.0
(S) 170-190	1.8	3.8	1.3	.6								7.5	7.6	7.0
200-220	.8	3.7	2.6	.8								7.7	8.9	7.5
230-250	6.1	12.7	7.1	1.7	.3							28.0	8.1	7.0
(W) 260-280	2.4	7.0	2.5	.8	.3							12.9	7.8	7.0
290-310	.8	2.6	.3	.1	.3							4.5	8.1	6.0
320-360	1.9	3.1	.9	.4								6.3	6.8	5.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	3.5	1.1	.3	.1							6.2	7.4	6.0
020-040	.5	1.3	.4									2.3	7.0	7.0
050-070	1.6	2.7	.6									4.9	6.2	6.0
(E) 080-100	.2	1.9	.5									2.7	7.0	7.0
110-130	1.0	.5	1.0									2.5	7.5	7.0
140-160	2.2	3.0	1.4									6.6	6.8	6.0
(S) 170-190	2.4	3.9	1.5	.8	.2							8.7	7.8	8.0
200-220		4.1	4.0	1.0	.1							9.1	10.1	10.0
230-250	3.2	10.1	7.5	2.5	.4							24.1	9.5	9.0
(W) 260-280	.9	7.6	4.5	.6	.2							13.9	8.8	8.0
290-310	1.0	2.3	2.0	.3								5.6	8.4	8.0
320-340	1.7	3.2	1.8	.5	.3							7.6	8.7	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.8	//////////	
TOTALS	15.9	44.1	26.3	6.0	1.6							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 730

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	3.9	2.5	.6								7.4	9.2	9.0
020-040	.2	1.7	.9	.1								2.9	8.4	8.0
050-070	1.3	2.5	1.2	.1	.2							5.3	7.7	6.0
(E) 080-100	.5	1.3	1.1	.1								3.1	7.8	8.0
110-130	.3	.9	1.0	.2								2.4	9.6	9.0
140-160	.4	2.6	2.5	.6	.1							6.2	9.7	10.0
(S) 170-190	.4	3.9	2.4	1.1	.2							8.0	9.8	9.0
200-220		2.2	4.3	1.5	.2							8.2	11.8	12.0
230-250	1.6	6.3	10.4	4.6	1.1							23.2	11.4	11.5
(W) 260-280	1.1	4.6	6.3	1.9	.1							14.1	10.3	10.0
290-310	.4	2.6	3.5	.5	.1							7.2	10.1	10.0
320-340	.4	3.7	3.5	1.3	.4	.2						9.6	10.7	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 — MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	4.3	4.0	.6								9.7	9.0	9.0
020-040	.1	1.6	1.6	.6								4.2	10.1	10.0
050-070	.6	3.3	2.5	.8								7.0	9.4	9.0
(E) 080-100	.2	.8	1.6	.3								2.9	10.0	10.0
110-130	.2	1.0	.9	.1	.1							2.3	10.0	9.0
140-160	.3	1.9	2.8	1.4	.1							6.6	11.0	11.0
(S) 170-190	.4	2.7	1.1	1.0	.4	.1		.1				5.8	11.3	9.0
200-220	.3	1.5	2.6	2.3	.3							7.0	12.3	13.0
230-250	.5	4.9	12.3	4.1	1.1	.1						23.0	12.0	12.0
(W) 260-280	.5	3.3	7.3	2.4	.5							13.9	11.2	12.0
290-310	.6	2.7	2.2	.5	.2							6.2	9.7	9.0
320-340	.5	3.2	3.8	1.4	.6	.2						9.8	11.3	10.0
VARIABLE														
CALM	//////////											1.7	//////////	
TOTALS	4.8	31.2	42.9	15.5	3.1	.4		.1				100.0	10.7	10.5

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST IN UTC: - 0 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	3.7	3.1	.9								8.5	9.1	9.0
020-060	.5	2.5	1.6	.4								5.1	8.9	9.0
050-070	1.1	5.5	4.4	.6								11.7	9.1	9.0
(E) 080-100	.3	1.9	1.6	.2								4.1	9.3	9.0
110-130	.1	1.1	.5									1.7	7.8	8.0
140-160	.4	1.9	2.5	1.6	.1							6.6	11.2	12.0
(S) 170-190	.3	2.8	2.4	.8	.3							6.6	10.5	10.0
200-220	.3	1.4	2.0	1.4	.2							5.4	11.5	12.0
230-250	1.0	6.8	3.6	3.5	.3							19.6	11.6	12.0
(W) 260-280	.4	4.0	8.1	1.7	.6							14.8	11.4	11.5
290-310	.3	2.9	2.9	.6								6.8	9.7	10.0
320-360	.6	3.2	2.0	1.5	.3							7.7	10.5	9.5
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	3.9	2.0	.4								7.4	8.1	8.0
020-040	.6	2.9	.3									3.9	6.9	7.0
050-070	2.9	6.8	1.5	.1								11.3	6.5	6.0
(E) 080-100	1.9	2.3	1.2	.1								5.5	6.7	7.0
110-130	.6	1.9	.6									3.2	6.8	6.0
140-160	1.1	3.0	3.1	1.0								8.2	9.4	9.5
(S) 170-190	.9	2.8	1.7	.8	.3							6.5	9.2	8.0
200-220	.9	3.3	1.5	.6	.3							6.7	9.2	8.0
230-250	2.4	8.3	6.0	2.5		.1	.2					20.0	9.4	8.0
(W) 260-280	2.2	4.6	3.5	1.1	.1							11.5	8.6	8.0
290-310	1.1	3.8	1.3	.3								6.5	7.6	7.0
320-360	1.7	2.3	1.7	.6								7.0	8.3	7.0
VARIABLE														
CALM	//////////											2.5	//////////	
TOTALS	17.4	47.0	24.4	7.5	.7	.1	.2					100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	3.1	1.2	.1								5.5	6.9	6.0
020-060	1.0	1.9	.5	.1								3.5	6.4	5.0
050-070	2.0	3.6	.9	.1								6.5	6.1	5.0
(E) 080-100	1.4	2.4	.1									3.9	5.8	5.0
110-130	2.4	1.4	.1									3.9	4.9	4.0
140-160	2.2	6.6	1.3	.3								10.3	6.9	7.0
(S) 170-190	1.1	2.7	1.0	.8	.5	.1						6.1	9.8	8.0
200-220	1.6	4.7	2.3	.6	.4							9.7	8.7	8.0
230-250	3.0	3.7	6.7	2.0		.1						21.5	8.7	8.0
(W) 260-280	1.9	4.9	1.7	.9	.2							9.7	7.9	7.0
290-310	1.8	3.4	.5	.4	.1							6.3	6.8	6.0
320-340	1.9	2.4	1.0	.4	.3							6.0	7.9	6.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION MAN — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	3.6	2.0	.5	.0							7.1	8.1	7.0
020-040	.5	1.7	.7	.2								3.2	7.8	7.5
050-070	1.6	3.8	1.5	.2	.0							7.2	7.3	7.0
(E) 080-100	.8	1.7	.8	.1								3.4	7.3	7.0
110-130	1.0	1.1	.5	.0	.0							2.6	6.8	6.0
140-160	1.4	3.1	1.9	.6	.0							7.2	8.3	8.0
(S) 170-190	1.3	3.4	1.6	.8	.3	.1		.0				7.5	9.0	8.0
200-220	.7	3.0	2.6	1.1	.2							7.6	9.9	10.0
230-250	2.8	9.0	8.3	2.9	.5	.0	.0					23.5	9.8	10.0
(W) 260-280	1.4	5.2	4.5	1.3	.3	.0						12.8	9.5	9.0
290-310	.9	2.9	1.7	.3	.1							6.0	8.5	8.0
320-340	1.4	3.0	1.9	.8	.3	.1						7.5	9.2	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.5	//////	//////
TOTALS	14.9	41.5	28.0	8.8	1.7	.2						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

	WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	4.1	3.8	1.6	.1							10.7	9.6	10.0
020-040	.1	1.4	1.3	.4								3.1	10.1	10.0
050-070	1.3	4.9	1.8	.2								8.2	7.5	7.0
(E) 080-100	.5	1.2	.3									2.0	6.7	7.0
110-130	.8	.9	.8		.1							2.6	8.1	8.0
140-160	.6	4.0	3.1	.9	.1							8.6	9.6	9.0
(S) 170-190	.8	2.4	2.5	1.3	.5	.2						7.8	11.2	10.0
200-220	.3	1.8	3.3	1.6	.5							7.7	12.	13.0
230-250	1.8	5.1	7.2	2.4	.6							17.2	10.7	11.0
(W) 260-280	1.0	4.9	3.3	1.4	.3	.1						11.0	9.7	9.0
290-310	1.3	1.8	1.3	.5	.5							5.5	9.5	8.0
320-340	1.3	3.7	2.9	1.7	1.6	.1						11.5	11.7	10.0
VARIABLE														
CALM	//											4.2	//////////	
TOTALS	10.9	36.2	31.6	12.2	4.3	.5						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 1311

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	1.9	.1									3.3	5.5	5.0
020-040	.8	.9	.1									1.8	5.0	5.0
050-070	1.8	1.9	.4	.3	.1							4.6	7.0	5.0
(E) 080-100	1.1	2.9	1.1	.1								5.2	7.3	7.0
110-130	1.6	2.6	.9									5.0	6.5	6.0
140-160	3.9	5.2	1.3	1.1	.2	.1						11.9	7.2	6.0
(S) 170-190	3.0	5.1	3.3	.7	.4							12.6	8.2	7.0
200-220	2.2	4.2	2.6	2.0	.1							11.1	9.1	8.0
230-250	3.2	7.8	4.1	1.0								16.1	7.9	7.0
(W) 260-280	1.2	4.3	3.4	1.1								10.1	9.1	9.0
290-310	.9	2.3	1.8	.4	.1							5.6	9.2	9.0
320-340	.9	1.7	.9	.1								3.6	7.4	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.2	//////////	
TOTALS	21.9	40.8	20.0	6.8	.9	.1						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 — STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 — MONTH: SEP — HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	2.1	.1	.2								4.3	5.4	5.0
020-040	1.3	.2										1.6	3.9	4.0
050-070	2.7	2.4	.3	.6								6.0	6.4	5.0
(E) 080-100	1.1	2.7	.9	.4								5.1	7.5	7.0
110-130	1.2	1.8	.6									3.6	6.2	6.0
140-160	2.9	4.3	2.1	1.0	.4	.1	.1					11.0	8.4	6.0
(S) 170-190	1.9	5.2	3.3	1.1	.1							11.7	8.7	8.0
200-220	2.8	4.8	2.3	1.2	.3	.3						11.8	8.7	8.0
230-250	4.0	5.1	4.7	.9	.2							15.9	8.1	7.0
(W) 260-280	1.8	5.4	4.2	.6								12.0	8.6	8.0
290-310	.1	1.6	1.8	.4								3.9	9.9	10.0
320-340	1.3	1.9	1.4	.1								4.8	7.1	6.0
VARIABLE														
CALM	//////////////

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	1.3	.7	.1								3.3	6.3	5.5
020-040	1.1	.7	.2	.1								2.1	5.9	4.0
050-070	1.3	3.3	.7	.3		.1						5.8	7.1	5.5
(E) 080-100	.4	3.0	1.7	.6	.1							5.8	8.6	8.0
110-130	1.7	1.7	.9	.1								4.3	6.4	5.0
140-160	2.6	4.0	3.2	.7	.3							10.8	8.3	7.0
(S) 170-190	2.2	2.8	3.0	2.1	.4	.2						10.8	10.3	10.0
200-220	1.6	3.6	3.4	1.1	.8	.2						10.7	10.1	10.0
230-250	3.3	6.3	3.6	1.6	.2							15.0	8.4	8.0
(W) 260-280	1.1	6.6	5.0	.6	.1	.1						13.4	9.3	9.0
290-310	.3	2.7	1.8	.8	.1							5.7	9.5	9.0
320-340	1.0	1.8	1.0	.6								4.3	8.3	7.0
VARIABLE														
CALM	//////////////

DOCRATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 09-11

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	.3	1.7	1.1	.3								3.4	9.1	9.0
	020-060		1.3	.4	.1	.1							2.0	8.7	7.5
	050-070	.8	4.2	1.8	.2	.2							7.2	8.5	8.0
(E)	080-100	1.3	1.1	2.0	1.0	.2							5.7	9.7	10.0
	110-130	1.0	2.1	1.0	.3								4.4	7.6	6.5
	140-160	.6	4.8	3.9	1.6	.1							10.9	9.9	10.0
(S)	170-190	.7	2.7	2.8	2.8	.6							9.4	11.7	11.0
	200-220	.3	3.9	3.6	1.6	.6	.1						10.0	11.1	10.0
	230-250	1.4	5.6	5.7	3.7	.8	.2						17.3	11.2	11.0
(W)	260-280	.7	3.2	5.7	1.8	.2							11.6	10.8	11.0
	290-310	.4	2.7	1.9	.3	.2	.1						5.7	10.0	9.0
	320-360	.9	3.1	3.2	1.4	.2							8.9	10.4	10.0
	VARIABLE														
	CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.4	//////////	
	TOTALS	8.4	36.4	33.1	15.1	3.2	.4						100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	2.6	1.8	.4	.1							5.4	9.3	9.0
020-040	.1	1.8	.4									2.3	7.2	7.0
050-070	.4	5.0	2.4	.4	.3							8.7	9.4	8.0
(E) 080-100	.4	1.0	2.9	1.1								5.4	10.9	11.0
110-130	.2	1.0	1.2	.6								3.0	10.3	11.0
140-160	.9	4.8	3.6	2.1	.1							11.4	10.0	10.0
(S) 170-190	.4	2.0	2.8	1.9	1.1							8.2	12.7	12.0
200-220	.3	3.6	5.0	2.1	1.1	.1						12.7	11.9	12.0
230-250	.8	4.6	6.2	3.3	.8	.7						16.3	12.2	13.0
(W) 260-280	.6	2.4	4.9	1.6	.5							10.0	11.3	11.0
290-310	.2	2.0	2.3	.9	.1							5.6	10.8	10.5
320-340	.7	3.1	3.9	.9	.2	.1						8.9	10.3	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	2.9	1.4	.2								5.3	7.6	7.0
020-040	.3	1.7	.8	.2								3.0	8.4	8.0
050-070	.7	5.4	3.8	.3	.2							10.4	8.8	9.0
(E) 080-100	.2	1.9	2.4	1.1	.1							5.8	11.0	10.0
110-130	.3	2.2	1.6	.4								4.6	9.4	9.0
140-160	.6	5.9	3.0	1.3	.2	.1						11.1	9.5	9.0
(S) 170-190	.9	4.3	2.4	1.7	.6	.1						10.0	10.5	9.0
200-220	.5	2.7	2.3	1.4	.2	.1						7.3	11.1	10.0
230-250	1.8	6.0	5.3	4.2	.9	.4	.1					18.8	11.4	11.0
(W) 260-280	.8	3.8	3.8	2.2								10.6	10.5	10.0
290-310	.4	1.7	2.0	.4								4.6	9.2	10.0
320-340	.4	2.2	3.5	.6	.4							7.2	10.2	10.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	1.6	.8	.1								4.2	5.8	5.0
020-040	1.0	1.6										2.6	5.1	5.0
050-070	3.8	5.2	.7	.2	.2	.1						10.2	6.5	5.0
(E) 080-100	1.2	4.9	1.6	.2								7.9	7.6	8.0
110-130	1.4	3.7	.9	.1								6.1	6.8	6.0
140-160	2.4	7.3	2.1	.7	.3							12.9	7.7	7.0
(S) 170-190	2.1	4.6	2.9	.8	.1							10.4	8.6	8.0
200-220	1.3	3.2	2.4	.7	.4							8.1	9.5	9.0
230-250	3.0	7.6	4.6	1.3	.2	.1						17.1	8.8	8.0
(W) 260-280	1.3	3.8	3.3	1.0								9.4	9.0	8.0
290-310	.8	.3	.8	.1								2.0	7.7	7.5
320-340	1.2	1.8	1.8	.3	.2							5.3	8.6	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	1.3	.3									3.1	5.6	5.0
020-060	.7	1.1	.3	.1								2.2	6.6	5.5
050-070	1.8	3.0	.9	.1	.2	.1						6.0	7.4	6.0
(E) 080-100	1.8	4.1	.8	.2								6.9	6.4	6.0
110-130	1.4	2.4	.9	.3								5.1	7.4	6.0
140-160	5.1	6.1	2.1	.7	.1							14.1	6.8	6.0
(S) 170-190	3.1	4.4	4.0	.3	.7							12.6	8.5	7.0
200-220	1.7	3.1	2.9	1.7	.3							9.7	9.9	10.0
230-250	3.6	8.1	3.8	1.0	.2							16.7	7.8	7.0
(W) 260-280	.9	5.1	2.9	1.3								10.2	9.3	8.0
290-310	.7	1.0	1.4	.2	.2							3.6	10.0	10.0
320-360	.7	1.2	1.1									3.0	7.3	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////////	//////////
TOTALS	22.9	40.9	21.3	6.9	1.7	.1						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	1.9	.8	.2	.0							4.1	7.0	6.0
020-040	.7	1.2	.3	.1	.0							2.2	6.5	6.0
050-070	1.7	3.8	1.4	.3	.2	.0						7.4	7.8	7.0
(E) 080-100	1.0	2.7	1.7	.6	.1							6.0	8.6	8.0
110-130	1.1	2.2	1.0	.2								4.5	7.5	7.0
140-160	2.4	5.3	2.7	1.1	.2	.0	.0					11.8	8.4	7.0
(S) 170-190	1.8	3.9	3.1	1.4	.5	.0						10.7	9.7	9.0
200-220	1.4	3.6	3.1	1.6	.3	.1						10.2	10.2	10.0
230-250	2.6	5.5	4.7	2.2	.4	.2	.0					16.7	9.5	9.0
(W) 260-280	1.0	4.3	4.2	1.3	.1	.0						10.9	9.7	10.0
290-310	.5	1.8	1.7	.5	.1	.0						4.6	9.7	10.0
320-340	.9	2.1	2.1	.5	.1	.0						5.7	9.2	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.4	//////////	//////////
TOTALS	16.3	39.3	26.8	9.9	2.2	.3						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION NAM — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	3.0	.9	.2								6.1	6.7	7.0
020-040	.8	1.7	.5	.2								3.4	7.3	7.0
050-070	1.3	3.4	.6	.2	.1							5.6	7.2	7.0
(E) 080-100	.7	1.6	2.4	.9	.1							5.8	9.8	10.0
110-130	1.7	2.1	.9	.1								4.8	6.6	6.0
140-160	3.0	6.9	2.3	.9	.9	.2	.1					14.2	8.7	7.0
(S) 170-190	1.3	2.3	3.3	2.3	1.0	.2						10.8	11.6	11.0
200-220	1.2	3.4	3.0	1.3	.9	.2						10.5	11.1	10.5
230-250	2.5	5.3	3.4	1.1	.3							12.7	8.7	8.0
(W) 260-280	1.3	4.5	2.3	.4								8.4	8.0	8.0
290-310	.5	1.7	1.3	.5	.2							4.2	9.5	9.0
320-340	.5	2.3	2.0	.3	.7	.1						5.9	10.5	10.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	7.6	////	////
TOTALS	16.9	38.7	23.0	9.0	4.2	.7	.1					100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 1280

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	.9	.6		.2	.2						2.6	10.0	8.0
020-040	.3	.1	.2									.6	6.3	4.0
050-070	.6	.8	.5	.1								2.0	7.5	8.0
(E) 080-100	2.3	1.5	.4	.2								4.4	5.7	4.0
110-130	1.9	1.4	.4									3.7	5.4	4.5
140-160	2.4	6.2	2.0	1.1	.9							12.6	8.8	8.0
(S) 170-190	1.1	5.8	4.0	1.3	.5							12.7	9.8	9.0
200-220	1.4	2.4	3.7	2.3	.2							9.9	10.7	11.0
230-250	2.2	8.1	5.9	1.5	.4	.2						18.3	9.3	9.0
(W) 260-280	1.4	7.2	1.7	1.1								11.4	8.2	7.0
290-310	.2	2.0	3.4	.8	.3	.1						6.9	11.3	12.0
320-340	1.3	3.9	1.2	.2		.4	.1					7.7	9.5	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.2	//////////	//////////
TOTALS	15.6	49.3	24.0	9.3	2.5	.9	.1					100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	.6	.1	.1	.2	.1						2.2	8.8	6.0
020-040	.2	.6	.1									1.0	6.4	6.0
050-070	.8	1.4	.1									2.3	5.9	6.0
(E) 080-100	2.3	1.4	.9	.1								4.6	6.0	5.0
110-130	1.9	.9	.5									3.2	5.3	4.0
140-160	2.8	4.7	2.8	1.3	.5	.1						12.3	8.7	8.0
(S) 170-190	1.8	4.4	3.3	1.0	.5							11.1	9.1	8.0
200-220	.8	2.9	3.8	3.0	.2							10.6	11.3	12.0
230-250	2.9	9.1	6.5	.8			.3					19.6	8.8	8.0
(W) 260-280	1.4	4.6	2.7	.8								9.5	8.7	8.0
290-310	.4	2.7	2.8	1.2	.1							7.2	10.4	10.0
320-340	1.2	4.3	1.8	1.1	.1	.5						9.0	9.8	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.5	//////////	//////////
TOTALS	17.4	37.6	25.4	9.4	1.6	.7	.3					100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
010=030	1.5	1.0	.3	.5	.2							3.5	8.3	5.0
040=060	.2	.8										1.0	5.8	6.0
070=090	.4	1.0	.5	.1	.1							2.2	7.8	6.0
100=120	1.1	1.7	.5	.1								3.4	6.3	5.5
130=150	2.3	1.3	.9									4.4	5.8	4.0
160=180	2.4	4.1	2.7	1.0	.1	.6	.1					11.0	9.3	7.0
190=210	1.5	4.2	4.9	.9	.1							11.6	9.4	10.0
220=240	1.9	2.2	4.7	2.0	.2							11.1	10.2	11.0
250=270	2.9	10.2	7.3	1.4	.4			.1				22.4	9.0	9.0
280=300	1.5	4.3	2.2	.1	.1	.2						8.4	8.1	7.5
310=330	.4	3.1	2.7	1.4	.2							7.8	10.4	10.0
340=360	.4	3.3	1.8	1.3	.5	.5						8.0	11.4	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.3	//////////	
TOTALS	16.5	37.2	28.5	8.8	1.9	1.3	.1	.1				100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 930

~~OBSERVING LOCATION #A~~
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 36873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: OCT HOURS: 09-11

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
~~(01) 350-010~~	.3	.6	.5	.4	.4	.2						2.6	12.9	11.5
~~020-040~~	.1	.3	.2	.1								.8	8.4	5.0
~~050-070~~	.4	2.0	1.1									3.5	7.8	7.0
~~(05) 080-100~~	.4	2.0	.5	.2	.1							3.3	8.0	7.0
~~110-130~~	1.1	1.7	1.5	.1								4.4	8.0	7.0
~~140-160~~	1.2	5.5	3.3	.5	.2	.3						11.1	9.3	9.0
~~(08) 170-190~~	.9	3.7	4.4	2.7	.5	.1	.1					12.4	11.6	12.0
~~200-220~~	.5	2.8	3.7	4.3	.3							11.6	12.2	13.0
~~230-250~~	1.6	6.6	8.6	4.1	.4	.1						21.4	10.6	10.0
~~(11) 260-280~~	.6	3.7	4.9	1.2	.3	.1						10.9	10.5	11.0
~~290-310~~	.1	2.6	1.4	1.3	.3	.3						5.8	12.2	10.0
~~320-340~~	.6	2.9	3.1	1.6	.9	.3						9.5	12.1	12.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.8	//////////	//////////
TOTALS	7.8	34.2	33.2	16.5	3.4	1.4	.1					100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 12-16

DIRECTION (TENTHS)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
010-030	.3	1.5	.5	.6	.8	.2						4.0	12.7	10.0
040-060	.3	.6	.8	.3	.1							2.2	9.8	10.0
070-090	.4	1.0	.5			.1		.1				2.2	9.9	8.0
(E) 080-100		.6	1.2	.1		.1						2.0	11.4	11.0
110-130	.3	1.5	2.6	.3								4.7	9.8	10.0
140-160	1.5	5.2	2.9	.8	.2	.1						10.6	8.9	8.0
(S) 170-190	.5	3.3	5.1	2.4	.1							11.4	11.0	11.0
200-220	.4	2.5	3.4	3.4	.5							10.3	12.5	13.0
230-250	.6	4.9	10.2	6.6	.3	.1						22.8	12.0	13.0
(W) 260-280	.2	3.0	4.9	2.7	.8							11.6	12.0	12.0
290-310	.5	1.5	1.8	.9	.4	.3						5.5	11.9	12.0
320-340	1.6	3.3	2.6	2.7	.3	.5						11.1	11.1	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.6	//////////	//////////
TOTALS	6.6	28.9	35.5	20.8	3.5	1.4		.1				100.0	11.1	11.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	2.6	1.4	.4	.4	.1		.2				5.8	10.9	8.0
020-040	.4	.8	.4	.2								1.8	7.8	7.0
050-070	.6	2.2	.5		.1	.1						3.5	7.5	6.0
(E) 080-100	.2	1.6	1.1	.1	.1							3.1	8.9	8.0
110-130	.2	2.5	1.9	.1								4.7	8.8	9.0
140-160	1.1	5.8	4.2	1.1								12.2	9.0	9.0
(S) 170-190	1.3	4.0	4.0	1.7								11.0	9.5	10.0
200-220	.9	3.9	3.8	2.4	.5							11.4	11.1	11.0
230-250	2.2	5.9	8.8	2.7		.1						19.7	10.0	10.0
(W) 260-280	1.3	2.8	2.7	1.3	.3							8.4	9.9	10.0
290-310	.8	1.9	1.6	.9	.1	.2						5.5	10.4	10.0
320-340	1.0	2.4	2.9	2.0	.8	.5	.1					9.7	12.5	13.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.2	//////////	
TOTALS	10.6	36.4	33.3	12.9	2.3	1.0	.1	.2				100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	.5	.8	.4		.1	.2					3.3	9.8	8.0
020-040	.5	.3	.4									1.3	7.0	6.5
050-070	1.0	1.6	.5	.4								3.5	7.8	7.0
(E) 080-100	1.7	1.8	.1		.3							4.0	6.5	5.0
110-130	2.6	2.4	1.1									6.0	6.3	6.0
140-160	3.5	6.0	3.9	1.1	.2	.1						14.8	8.3	7.0
(S) 170-190	2.4	4.2	3.1	1.5	.4							11.6	9.1	8.0
200-220	1.3	2.3	3.5	1.8	.8							9.7	11.1	11.0
230-250	1.7	6.8	6.5	1.5								16.5	9.0	9.0
(W) 260-280	1.8	3.3	2.0	.6	.3							8.2	8.7	8.0
290-310	1.1	2.2	1.8	.9	.3	.2						6.5	10.0	9.5
320-340	1.4	3.0	1.9	1.2	.9		.5					8.9	11.6	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.7	//////////	
TOTALS	20.3	34.4	25.6	9.4	3.2	.4	.7					100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(NE) 350-010	.4	.5	1.2	.1		.3	.1					2.7	12.4	10.0
020-040	.4	.5	.2									1.2	6.5	6.0
050-070	.1	1.5	.4	.3								2.4	8.8	8.5
(E) 080-100	2.5	1.1	.3	.4	.1							4.4	6.2	6.0
110-130	2.9	2.6	.2									5.7	5.2	4.0
140-160	2.3	6.1	2.8	1.1	.4							12.7	8.5	7.0
(S) 170-190	1.7	4.4	3.0	1.8	.8							11.7	9.9	9.0
200-220	1.1	2.0	4.6	1.6	.5							9.9	11.3	12.0
230-250	2.3	7.4	6.0	2.0	.3							18.1	9.4	9.0
(W) 260-280	1.2	4.9	2.6	1.0	.2							9.9	8.8	8.0
290-310	1.4	2.2	2.8	1.1	.2							7.6	9.7	10.0
320-340	1.6	2.3	1.5	1.2		.1	.4					6.9	10.7	8.5
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////////	
TOTALS	17.7	35.5	25.6	10.6	2.5	.4	.5					100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	1.0	.7	.3	.3	.2	.0	.0				3.3	10.7	9.0
020-040	.3	.5	.3	.1	.0							1.2	7.6	6.0
050-070	.6	1.4	.5	.1	.0	.0		.0				2.7	7.8	7.0
(E) 080-100	1.3	1.5	.6	.2	.1	.0						3.7	7.0	6.0
110-130	1.6	1.8	1.1	.1								4.6	6.8	6.0
140-160	2.1	5.5	3.1	1.0	.3	.2	.0					12.2	8.8	8.0
(S) 170-190	1.4	4.2	4.0	1.7	.4	.0	.0					11.7	10.0	10.0
200-220	1.0	2.6	3.9	2.6	.4							10.6	11.3	12.0
230-250	2.0	7.4	7.5	2.6	.2	.1	.0	.0				19.8	9.8	10.0
(W) 260-280	1.2	4.2	3.0	1.1	.3	.0						9.8	9.4	9.0
290-310	.6	2.2	2.3	1.0	.3	.1						6.6	10.7	10.0
320-340	1.1	3.2	2.1	1.5	.4	.4	.1					8.8	11.1	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.0	//////////	//////////
TOTALS	16.0	35.5	29.1	12.3	2.7	1.0	.1					100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.9	.7	.2	.2	.2	.1	.1				2.8	10.8	8.5
020-060	.5	.9	.5	.2	.1							2.1	8.0	7.0
050-070	.9	1.3	1.2	.1								4.0	7.6	7.0
(E) 080-100	1.2	2.1	.6	.2								4.1	6.6	6.0
110-130	2.1	3.1	1.9	.1								7.3	7.3	7.0
140-160	2.5	5.7	3.3	1.1	.5	.3						13.5	9.0	7.0
(S) 170-190	1.7	4.8	3.9	1.6	.4	.1	.1					12.5	9.7	9.0
200-220	1.2	1.9	3.5	2.9	.6							10.2	11.7	12.0
230-250	3.4	7.8	3.7	1.5	.2							16.6	8.1	7.0
(W) 260-280	1.5	4.0	1.5	.1		.1						7.1	7.2	6.0
290-310	.5	2.1	.8	.2	.1	.2						3.8	8.8	7.0
320-340	1.3	2.4	1.2	1.1	.6	.5	.1					7.3	11.3	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	1.7	1.0	.2	.3							5.2	7.3	5.0
020-040	.6	.7	1.0	.4								2.7	9.6	10.0
050-070	1.1	2.8	1.4	.9								6.2	8.8	8.0
(E) 080-100	1.0	2.0	1.4	.4								4.9	8.1	7.0
110-130	.3	1.1	.3	.1					.1			2.6	8.1	6.0
140-160	1.9	4.1	4.1	2.0	.7	.3	.1					13.2	10.8	10.0
(S) 170-190	1.2	4.1	4.6	1.3	.4							11.7	10.0	10.0
200-220	1.6	4.1	2.4	1.8	.6							10.4	9.7	8.5
230-250	3.1	5.4	4.0	1.2								13.8	8.2	8.0
(W) 260-280	1.0	4.1	2.1	.7	.1							8.0	8.6	7.0
290-310	.6	2.6	1.7	.4								5.2	8.7	8.0
320-340	1.1	3.8	1.4	1.7	.2							8.2	9.4	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	1.7	.8	.6	.1							5.1	7.7	7.0
020-040	.3	.6	.8	.3								2.0	10.0	10.0
050-070	1.3	3.1	1.0	1.1	.1							6.7	8.5	7.0
(E) 080-100	1.1	2.4	1.4	.4								5.8	8.5	7.5
110-130	.3	1.0	.3		.1							2.2	6.5	5.0
140-160	1.9	4.7	5.0	1.9	.1					.1		13.7	10.0	10.0
(S) 170-190	1.3	4.8	1.9	1.9	.4		.2					11.1	10.1	9.0
200-220	1.2	2.8	3.1	2.0	.4		.1					9.7	10.9	10.0
230-250	3.2	5.9	4.2	1.7								15.0	8.5	8.0
(W) 260-280	1.0	3.9	1.7	.1	.1							6.8	7.9	7.0
290-310	.4	3.6	1.8	.3	.1							5.7	9.2	8.0
320-340	1.0	3.2	1.9	1.7	.1	.1						8.0	9.9	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.3	//////////	//////////
TOTALS	16.1	37.1	24.3	12.0	1.5	.1	.3			.1		100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	1.4	.6	.4	.1							4.2	7.8	6.0
020-040	.4	.8	1.1	.6								2.9	10.0	10.5
050-070	1.0	2.2	1.0	1.1	.1							5.5	9.4	8.0
(E) 080-100	.3	2.2	2.0	.4								5.6	6.7	9.0
110-130	.4	1.4	.8									2.7	7.5	6.5
140-160	2.3	5.0	4.3	2.2		.1						13.7	9.4	9.0
(S) 170-190	.3	5.3	3.0	1.6	.6							11.6	10.3	9.0
200-220	1.1	4.6	2.3	1.4	.3	.3	.1					10.8	10.9	9.0
230-250	3.2	6.3	3.6	1.0	.1		.1					14.2	8.6	7.5
(W) 260-280	1.0	3.2	1.1	.1	.1		.1					5.7	7.9	6.0
290-310	.9	3.2	2.6	.1	.1	.1						7.0	8.9	8.0
320-340	1.3	3.2	2.0	.3	.2	.2						7.9	9.9	8.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.3	//////////	//////////
TOTALS	15.1	38.8	23.9	9.8	2.4	.7	.3					100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	1.9	1.0	.3								4.2	7.9	8.0
020-040	.7	1.0	1.3	.7								3.7	9.7	12.0
050-070	.7	2.6	.3	1.1	.2	.1						5.4	9.8	8.0
(E) 080-100	1.4	1.3	2.1	.4								5.3	8.9	9.0
110-130	1.0	1.6	1.0	.1	.1							4.0	7.6	6.0
140-160	1.0	4.1	5.0	2.1	.1	.2	.1					12.7	10.9	10.0
(S) 170-190	1.6	3.3	2.4	2.4	.9	.1	.2					11.7	11.4	10.0
200-220	.4	3.3	3.4	1.1	.6	.2	.1					9.2	11.4	10.0
230-250	2.3	5.7	4.2	1.8	.5	.3	.1					15.3	10.2	9.5
(W) 260-280	1.2	3.0	2.2	.5	.2							7.0	8.7	8.0
290-310	1.3	2.2	2.6	.8								6.9	9.3	9.0
320-340	1.3	3.9	2.6	.8	.2	.1						8.9	8.9	8.5
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.7	//////////	
TOTALS	13.6	34.1	29.6	12.3	3.1	.9	.5					100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 2007

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	1.7	1.7	.9	.1							5.3	9.7	9.5
020-040	.5	.9	1.7	.4								3.6	10.0	11.0
050-070	.9	2.6	1.8	.6	.2	.1						6.0	9.5	9.0
(E) 080-100	.3	.8	1.3	1.6								4.0	12.1	13.0
110-130	1.0	1.4	1.2	.2	.1							4.0	8.4	8.0
140-160	.9	3.7	4.7	3.1	.7	.1						13.1	11.5	11.0
(S) 170-190	.9	3.8	3.8	3.0	.6	.2						12.2	11.7	12.0
200-220	.7	2.7	4.0	1.4	.6	.6	.2					10.1	12.4	11.0
230-250	1.0	5.8	3.7	2.1	1.3	.2						14.1	11.2	10.0
(W) 260-280	.3	3.4	1.6	1.2	.2							7.3	9.7	9.0
290-310	.9	2.9	1.6	.7	.3							6.3	9.3	8.0
320-340	.7	3.0	2.4	1.3	.4	.2						8.1	10.9	10.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.8	//////////	//////////
TOTALS	9.8	32.5	29.5	16.5	4.6	1.4	.2					100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	2.1	1.8	1.0	.1							6.2	9.4	8.5
020-040	.9	1.0	1.2	.4								3.6	8.9	8.0
050-070	1.8	1.8	1.6	.4	.2	.1						5.9	8.8	8.0
(E) 080-100	1.1	2.0	1.4	.6								5.1	8.5	8.0
110-130	.4	1.8	.9	.2								3.3	8.4	8.0
140-160	1.3	5.6	5.6	1.7	.9	.1						15.1	10.4	10.0
(S) 170-190	.4	4.2	4.9	1.6	.4	.2						11.8	10.8	10.0
200-220	.3	1.4	2.4	.2	1.0	.2						5.7	12.5	11.0
230-250	2.4	5.8	3.7	1.7	1.0	.2						14.8	9.8	9.0
(W) 260-280	2.2	4.7	1.5	.6	.1							9.1	7.7	7.0
290-310	.6	2.2	.9	.8	.1							4.6	9.2	9.0
320-340	1.8	2.4	2.3	1.3	.2	.1						8.2	9.8	8.5
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.7	//////////	//////////
TOTALS	14.4	35.0	28.3	10.5	4.0	.9						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.7	1.0	.9	.1							4.8	9.1	8.0
020-040	.8	1.0	.8	.4								3.0	8.2	6.0
050-070	1.7	2.8	1.8	.4	.3							7.0	8.6	8.0
(E) 080-100	1.1	1.2	1.4	.2								4.0	8.1	7.0
110-130	.4	1.1	.3	.6	.1							2.6	9.1	8.0
140-160	1.6	6.9	5.1	1.9	.9	.1	.3					16.8	10.6	9.0
(S) 170-190	1.4	3.9	4.9	1.7	.7							12.6	10.5	10.0
200-220	1.0	2.9	2.1	.4	.8							7.2	9.9	9.0
230-250	3.1	4.8	4.0	1.2	.7	.1						13.9	9.2	8.0
(W) 260-280	2.3	3.3	2.0	.2								7.9	7.2	6.0
290-310	.6	1.6	1.4	.3	.1							4.0	9.0	8.0
320-340	1.6	3.9	1.8	1.3	.6							9.4	9.8	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.9	//////////	//////////
TOTALS	16.5	35.1	26.6	10.0	4.3	.2	.3					100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	2.9	1.1	.2	.1							5.0	7.8	7.0
020-040	.3	1.1	.6	.4	.2							3.2	8.8	7.0
050-070	1.1	2.2	1.2	.4	.3							5.3	9.0	7.5
(E) 080-100	1.9	2.1	1.3	.2								5.6	6.8	5.5
110-130	1.1	1.7	.8	.4	.1							4.1	8.3	7.0
140-160	1.4	3.8	4.9	2.6	.4	.2		.1				13.4	11.0	10.0
(S) 170-190	1.4	4.7	4.2	2.0	.6							12.9	10.6	10.0
200-220	1.0	4.0	2.0	1.6	.3							8.9	9.8	9.0
230-250	2.6	5.3	4.0	2.0	.1							14.0	9.0	9.0
(W) 260-280	1.3	3.6	1.6	.4	.1							7.0	8.1	7.0
290-310	.4	2.2	2.1	.2								5.0	9.0	9.0
320-360	1.2	2.8	1.3	1.6	.2							7.6	10.1	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	1.9	1.1	.6	.1							5.0	8.4	7.0
020-040	.6	.9	1.1	.5	.0							3.1	9.4	10.0
050-070	1.2	2.5	1.3	.8	.2	.0						6.0	9.0	8.0
(E) 080-100	1.1	1.8	1.6	.5								5.0	8.6	8.0
110-130	.9	1.4	.7	.2	.1				.0			3.2	8.0	7.0
140-160	1.5	4.7	4.8	2.2	.5	.2	.1	.0		.0		14.0	10.6	10.0
(S) 170-190	1.2	4.3	3.8	2.0	.6	.1	.1					11.9	10.7	10.0
200-220	.9	3.2	2.7	1.3	.6	.2	.1					9.0	10.9	10.0
230-250	2.6	5.6	4.0	1.6	.5	.1	.0					14.4	9.3	9.0
(W) 260-280	1.4	3.7	1.7	.5	.1		.0					7.3	8.2	7.0
290-310	.7	2.5	1.8	.5	.1	.0						5.6	9.1	8.0
320-340	1.2	3.3	2.0	1.4	.3	.1						8.3	9.8	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.2	//////	//////
TOTALS	14.5	35.8	25.6	12.1	3.1	.7	.3					100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.2	.4	.6	.1							3.2	8.6	6.5
020-040	.6	.7	.5	.3								2.1	8.4	6.0
050-070	.7	2.0	1.4	1.2	.3	.1						5.8	10.9	10.0
(E) 080-100	1.7	1.7	1.1	.3								5.3	8.0	7.0
110-130	1.1	2.2	.7	.1	.1							4.3	7.2	6.0
140-160	2.0	5.2	4.7	2.6	.4	.1	.1					15.1	10.1	10.0
(S) 170-190	1.6	5.2	3.4	1.4	.1	.1						11.8	9.3	9.0
200-220	1.0	4.1	2.0	.7	.4							8.2	9.0	8.0
230-250	3.5	7.1	1.8	.0	.1		.0					13.1	7.1	6.0
(W) 260-280	2.0	5.8	1.2	.2								9.2	6.7	6.0
290-310	.9	2.0	.4	.2	.1							3.7	7.5	6.0
320-360	1.7	2.2	1.4	2.0	.6	.1						7.9	10.7	10.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	10.4	////	////
TOTALS	17.7	39.4	19.1	10.7	2.1	.4	.1					100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 2152

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	.9	1.2	.1								2.6	8.8	9.0
020-040	.6	.3	.1									1.1	5.5	4.0
050-070	1.7	2.6	1.3	.3	.1	.1						6.1	7.5	5.0
(E) 080-100	.8	2.7	2.3	.6								6.3	9.1	9.0
110-130	1.2	1.2	1.7	.5		.1	.1	.1				4.9	10.3	10.0
140-160	1.5	2.7	2.4	1.0	.3							7.8	9.5	9.0
(S) 170-190	1.7	5.4	3.8	2.7	1.1	.2						14.8	10.6	10.0
200-220	1.0	3.0	2.2	2.9	.6	.1						9.8	11.6	12.0
230-250	2.5	6.8	6.3	4.6	1.0	.1						20.0	11.6	12.0
(W) 260-280	1.4	3.5	3.3	1.1		.5	.1					10.0	10.3	10.0
290-310	.5	2.0	1.1	.4								4.1	8.7	8.0
320-340	1.3	2.7	1.1									5.1	6.5	6.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.3	//////////	//////////
TOTALS	14.6	31.8	26.8	14.2	3.7	1.1	.2	.1				100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.9	.5	.2								3.2	7.4	6.0
020-040	.2	.4	.2	.1								1.0	7.8	6.0
050-070	1.0	2.3	1.6	.5								5.4	8.5	7.0
(E) 080-100	1.8	1.9	1.3	.8								5.8	8.2	7.5
110-130	.5	1.2	1.4	.3	.2							3.7	10.4	11.0
140-160	1.6	3.1	2.9	1.4	.6	.2		.1				10.0	10.7	10.0
(S) 170-190	1.4	4.4	3.4	2.4	1.3	.2						13.1	11.3	10.0
200-220	.4	4.1	2.3	2.0	1.2	.3						10.3	11.9	10.0
230-250	2.6	4.7	7.2	4.4	.9	.3						20.1	11.2	12.0
(W) 260-280	1.2	3.7	3.9	1.6	.4	.3						11.1	10.5	10.0
290-310	.5	1.3	1.1	.2	.1							3.2	9.3	8.0
320-340	1.5	2.9	1.3	.3								6.0	7.2	6.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	1.2	.3	.4								2.7	7.5	8.0
020-040	.3	.8	.1									1.2	6.5	6.0
050-070	1.1	2.7	.9	.8	.2							5.6	8.2	6.0
(E) 080-100	1.5	1.4	2.5	.4	.1							5.9	8.7	10.0
110-130	.6	.6	.5	.5	.3							2.7	10.6	10.0
140-160	1.6	2.6	3.2	2.2	.5							10.1	10.7	10.0
(S) 170-190	1.5	5.2	4.6	1.7	1.4	.1	.2					14.7	10.9	10.0
200-220	1.0	3.7	3.9	2.0	1.0	.4	.1					12.0	12.1	11.5
230-250	2.3	6.3	4.8	3.9	1.3		.1					18.7	11.0	10.0
(W) 260-280	.9	3.0	3.2	.8	.2		.2					8.2	10.3	10.0
290-310	.4	2.4	1.9	.4	.4							5.6	10.0	9.5
320-340	2.0	3.2	1.0	.4	.2	.2						7.1	7.9	6.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.5	//////////	
TOTALS	13.9	33.1	26.9	13.5	5.5	.7	.6					100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	1.6	.9	.4		.1						3.8	8.7	7.0
020-040	.4	.5	.1	.3								1.4	7.6	6.0
050-070	1.1	2.9	.8	.5	.2							5.5	8.1	6.0
(E) 080-100	.8	1.7	2.4	1.0	.1							5.9	10.3	10.0
110-130	1.0	1.6	.5	.2	.2							3.5	7.7	6.0
140-160	1.1	2.5	2.9	1.6	.9	.1						9.0	11.5	12.0
(S) 170-190	1.5	5.6	4.9	2.8	1.4							16.2	11.1	11.0
200-220	.8	4.1	3.2	2.6	1.1	.1	.1					11.9	11.6	12.0
230-250	1.4	5.8	4.9	4.8	1.1	.1	.1					18.3	11.6	11.0
(W) 260-280	.9	4.0	2.7	1.4	.2	.2						9.4	10.5	9.0
290-310	.3	1.4	1.4	.3	.2							3.7	10.5	10.0
320-340	1.7	1.9	1.6	.9	.2							6.2	8.6	8.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	1.5	.9	.4								3.8	8.0	6.0
020-040	.6	1.0	.4	.3								2.4	7.9	7.0
050-070	.4	2.4	1.5	1.0	.3							5.6	10.6	9.5
(E) 080-100	.4	2.8	2.0	.8								6.0	9.8	9.0
110-130	.9	.6	1.0	.9	.3							3.7	10.8	10.0
140-160	1.2	2.5	2.7	2.3	.5	.3						9.5	11.7	12.0
(S) 170-190	1.1	4.1	5.7	2.5	1.5	.5						15.4	12.0	11.0
200-220	.3	3.3	4.0	2.3	.4	.1						10.9	11.4	11.0
230-250	.3	6.3	5.9	6.2	1.1	.3	.1					20.8	12.3	12.0
(W) 260-280	1.0	2.7	2.2	1.6	.5	.3	.2					8.7	12.1	11.0
290-310	.1	1.9	2.0	.5								4.6	10.3	10.0
320-340	1.3	1.7	2.0	.6	.1							5.8	9.0	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.2	.4	.4								3.1	7.4	5.0
020-040	.6	.9	.2	.2								1.7	7.9	6.5
050-070	1.2	3.8	1.6	.3	.6	.1						7.4	8.8	8.0
(E) 080-100	1.7	2.2	1.1	1.1								6.0	8.4	7.5
110-130	.4	1.3	1.1	.5	.2	.2						3.8	11.1	10.0
140-160	1.8	2.6	2.6	2.6	.5							10.1	10.9	11.0
(S) 170-190	1.4	3.8	3.3	2.5	.5	.5						12.0	11.4	11.0
200-220	1.0	3.8	4.1	2.0	.4	.3	.1					11.7	11.4	11.0
230-250	2.8	6.2	5.8	5.2	1.5	.4						21.9	11.5	12.0
(W) 260-280	1.5	2.9	1.9	1.4	.6	.1						8.5	10.3	9.0
290-310	.6	1.7	1.0	.8								4.1	9.4	9.0
320-340	1.6	1.4	1.7	.8								5.5	8.6	9.0
VARIABLE														
CALM	//////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.1	.6	.3								2.9	8.3	8.0
020-040	.8	.5	.2									1.5	5.9	5.0
050-070	1.6	3.9	1.6	.3	.3	.3						8.1	8.7	8.0
(E) 080-100	.9	2.3	1.9	.6								5.7	8.9	9.0
110-130	.5	1.0	.8	.6	.1							3.0	10.0	9.5
140-160	2.3	2.5	2.2	1.7	.6							9.2	9.8	9.0
(S) 170-190	1.0	4.4	4.4	2.6	1.3	.2	.1					14.0	11.6	10.0
200-220	.9	3.3	4.7	2.0								11.0	10.5	11.0
230-250	3.1	6.9	5.5	3.2	1.5	.3						20.5	10.6	10.0
(W) 260-280	1.0	2.6	2.8	1.4	.6	.5						8.9	11.7	11.0
290-310	.5	1.4	1.4	.3	.2							4.3	10.3	10.0
320-340	1.7	1.5	1.3	.3								4.8	7.6	6.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.0	//////////	//////////
TOTALS	15.2	31.4	27.4	13.8	4.6	1.3	.1					100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE, NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34473 STATION NAME: RAF SCULTHORPE, UK — PERIOD OF RECORD: APR 54 - MAR 64
LST IN UTC: + 0 — MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	1.6	.8	.2								3.1	7.8	7.0
020-040	.3	.8	.1	.1								1.3	7.4	7.0
050-070	1.3	2.7	1.0	.3	.1	.4						5.8	8.7	6.0
(E) 080-100	.1	3.1	2.8	.4	.1							7.3	9.1	8.5
110-130	1.1	1.4	.8	.4	.1	.2						4.0	8.9	6.0
140-160	1.4	3.8	3.5	1.2	.1							10.0	9.4	9.0
(S) 170-190	1.7	2.8	2.9	2.2	.8	.4						10.5	11.4	10.0
200-220	.3	3.8	3.0	2.8	.6							10.6	11.4	12.0
230-250	2.4	6.9	6.4	5.2	1.2	.8	.1					23.3	11.1	11.0
(W) 260-280	1.1	3.7	3.3	.8		.8	.1	.1				9.4	10.2	9.0
290-310	.2	1.5	1.8	.8	.1							4.3	10.4	10.5
320-340	1.7	1.5	1.4									4.6	6.6	5.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.7	//////////	//////////
TOTALS	14.1	33.1	25.2	13.9	3.1	1.5	.2	.1				100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	1.4	.7	.3		.0						3.1	8.0	7.0
020-040	.5	.6	.2	.1								1.4	7.2	6.0
050-070	1.2	2.9	1.3	.5	.2	.1						6.2	8.6	7.0
(E) 080-100	1.1	2.3	2.0	.7	.0							6.1	9.1	9.0
110-130	.2	1.1	1.0	.5	.2	.1	.0	.0				3.7	10.0	9.0
140-160	1.5	2.7	2.4	1.7	.5	.1		.0				9.5	10.5	10.0
(S) 170-190	1.4	4.4	4.1	2.4	1.2	.3	.0					13.9	11.3	10.0
200-220	.8	3.6	3.4	2.3	.7	.2	.0					11.0	11.5	11.0
230-250	2.3	6.0	5.9	4.7	1.3	.2	.1					20.5	11.4	11.0
(W) 260-280	1.1	3.3	2.9	1.3	.3	.3	.1	.0				9.3	10.7	10.0
290-310	.4	1.7	1.5	.5	.1							4.2	9.9	9.0
320-340	1.6	2.1	1.4	.4	.1	.0						5.6	7.8	6.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.5	//////////	//////////
TOTALS	13.5	32.1	27.2	15.4	4.5	1.3	.2					100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 7443

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	1.3	.7	.3		.0						2.9	8.2	7.0
020-040	.2	.3	.1	.0								.7	7.7	7.5
050-070	.3	1.0	.3	.5	.3	.1						3.2	11.1	10.0
(E) 080-100	.9	1.6	1.3	1.1								4.9	9.7	9.0
110-130	1.3	1.3	.9	.5	.3	.1	.0	.0				4.5	9.6	7.5
140-160	2.9	4.4	4.1	3.3	1.0	.2		.0				15.9	10.7	10.0
(S) 170-190	2.1	6.6	6.6	3.0	1.3	.3	.1					20.1	10.9	10.0
200-220	1.7	4.5	2.9	1.7	1.1	.2	.0					12.2	10.5	9.0
230-250	3.0	3.1	3.1	1.9	.4	.0						16.6	8.6	7.0
(W) 260-280	1.4	3.1	.9	.1								5.4	6.7	6.0
290-310	.6	1.0	.5	.1								2.2	7.1	6.0
320-340	1.8	1.3	2.1	.4	.0	.1						6.2	8.4	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.2	//////////	//////////
TOTALS	16.9	35.3	24.0	12.9	4.4	1.0	.1					100.0	9.2	8.0

TOTAL NUMBER OF OBSERVATIONS 2289

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	2.7	2.2	.8	.2	.0	.0	.0				6.8	9.5	9.0
020-040	.6	1.6	1.4	.5	.1	.0	.0					4.1	9.6	9.0
050-070	1.2	3.6	2.5	1.0	.3	.1	.0	.0				8.6	9.5	9.0
(E) 080-100	.9	2.1	1.6	.5	.1	.0						5.2	8.9	8.0
110-130	.9	1.8	.9	.2	.0	.0	.0	.0	.0			3.9	7.9	7.0
140-160	1.6	3.9	2.7	1.1	.2	.0	.0	.0		.0		9.6	9.1	8.0
(S) 170-190	1.1	3.6	3.0	1.4	.4	.1	.0	.0				9.6	10.3	10.0
200-220	.7	2.9	2.9	1.6	.4	.1	.0	.0	.0			8.6	11.0	10.0
230-250	1.9	5.2	5.0	2.5	.4	.1	.0	.0				17.1	10.1	10.0
(W) 260-280	1.1	3.8	3.3	1.2	.2	.1	.0	.0				9.6	9.8	9.0
290-310	.6	2.1	1.3	.6	.1	.0	.0					5.2	9.7	9.0
320-340	1.1	2.9	2.2	.9	.2	.1	.0					7.3	9.5	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.6	//////////	//////////
TOTALS	12.5	37.2	30.4	12.3	2.6	.6						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS: 37800

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	2.7	3.0	1.0	.2	.1	.0	.0				7.8	10.2	10.0
020-040	.4	1.5	1.3	.7	.1	.0	.0					4.7	10.2	10.0
050-070	.7	3.3	2.9	1.3	.4	.1	.0					8.7	10.4	10.0
(E) 080-100	.9	2.2	1.9	.7	.1	.0						5.7	9.2	9.0
110-130	1.2	2.4	1.3	.4	.1	.0	.0	.0				5.4	8.2	8.0
140-160	1.9	4.7	3.4	1.0	.3	.1	.0	.0				11.9	9.5	9.0
(S) 170-190	1.1	3.9	3.4	1.8	.6	.1	.0	.0				10.9	10.7	10.0
200-220	.8	2.8	2.5	1.5	.5	.1	.0	.0				8.2	10.9	10.0
230-250	2.0	5.8	3.6	1.3	.2	.0	.0					12.8	8.8	8.0
(W) 260-280	1.2	3.8	1.3	.4	.0	.0						7.3	8.1	7.0
290-310	.7	1.9	.8	.4	.1	.0						3.9	8.5	7.0
320-340	1.0	2.6	2.1	1.0	.4	.1	.0					7.3	10.2	9.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.3	//////////	//////////
TOTALS	12.7	37.7	28.6	12.0	3.0	.6						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS: 20973

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT DDDDDDDD
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT DDDDDDDDD
PP PP AA AA RR RR TT DD DD
PP PP AA AA RR RR TT DD DD
PPPPPPPPP AA AA RRRRRRRRR TT DD DD
PPPPPPPP AAAAAAAAAA RRRRRRRR TT DD DD
PP AAAAAAAAAA RR RR TT DD DD
PP AA AA RR RR TT DD DD
PP AA AA RR RR TT DDDDDDDDD
PP AA AA RR RR TT DDDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.1	16.0	21.4	26.6	28.8	30.4	33.9	35.6	35.8	36.2	37.0	37.1	37.2	37.5	37.6	38.2
GE 20000	13.1	16.0	21.5	26.7	28.9	30.5	34.1	35.8	36.0	36.5	37.2	37.3	37.4	37.7	37.8	38.4
GE 18000	13.1	16.0	21.5	26.7	28.9	30.5	34.1	35.8	36.0	36.5	37.2	37.3	37.4	37.7	37.8	38.4
GE 16000	13.1	16.0	21.5	26.7	28.9	30.5	34.1	35.8	36.0	36.5	37.2	37.3	37.4	37.7	37.8	38.4
GE 14000	13.2	16.1	21.8	27.0	29.2	30.9	34.4	36.1	36.3	36.8	37.5	37.6	37.7	38.1	38.2	38.7
GE 12000	13.2	16.1	21.8	27.1	29.4	31.0	34.7	36.6	36.8	37.2	38.0	38.1	38.2	38.5	38.6	39.1
GE 10000	13.9	16.8	22.3	28.4	30.6	32.3	36.1	38.0	38.2	38.6	39.4	39.5	39.6	39.9	40.0	40.5
GE 9000	14.0	16.9	22.9	28.6	30.9	32.5	36.3	38.2	38.4	38.8	39.6	39.7	39.8	40.1	40.2	40.8
GE 8000	14.4	17.4	23.9	29.9	32.3	34.0	38.1	39.9	40.1	40.5	41.3	41.4	41.5	41.8	41.9	42.5
GE 7000	14.5	17.5	24.0	30.1	32.3	34.5	38.7	40.5	40.8	41.2	42.0	42.2	42.3	42.6	42.7	43.2
GE 6000	14.8	17.8	24.3	30.4	33.2	35.1	39.5	41.5	41.7	42.3	43.1	43.2	43.3	43.7	43.8	44.3
GE 5000	15.7	18.7	25.4	31.9	34.8	36.7	41.9	44.3	44.5	45.2	46.0	46.1	46.2	46.6	46.7	47.2
GE 4500	16.0	19.2	26.2	32.9	35.8	37.8	43.1	45.5	45.7	46.3	47.2	47.3	47.4	47.7	47.8	48.4
GE 4000	17.5	20.9	28.3	35.1	38.1	40.3	45.7	48.2	48.4	49.0	50.1	50.2	50.3	50.6	50.8	51.3
GE 3500	18.1	21.6	29.1	36.2	39.2	41.7	47.3	50.1	50.3	51.0	52.0	52.2	52.3	52.6	52.7	53.2
GE 3000	19.4	23.2	31.8	39.4	42.7	45.6	51.6	54.4	54.6	55.6	56.7	56.8	57.0	57.3	57.4	58.0
GE 2500	22.4	26.5	35.9	44.4	47.7	51.1	57.2	60.1	60.3	61.6	62.7	62.9	63.1	63.4	63.5	64.1
GE 2000	23.4	28.2	38.2	46.9	50.9	54.4	60.8	63.7	63.9	65.2	66.2	66.5	66.8	67.1	67.2	67.7
GE 1800	23.5	28.3	38.4	47.4	51.6	55.2	61.7	64.6	64.8	66.1	67.2	67.4	67.7	68.1	68.2	68.7
GE 1500	24.4	29.5	39.7	49.2	53.5	57.1	64.0	67.0	67.2	68.5	69.6	69.8	70.1	70.5	70.6	71.3
GE 1200	24.7	29.9	40.5	50.9	55.6	59.4	66.5	69.5	69.7	71.1	72.4	72.7	73.0	73.4	73.5	74.2
GE 1000	25.1	30.6	41.5	52.3	57.4	61.3	68.9	71.9	72.2	73.7	74.9	75.3	75.6	76.0	76.1	76.8
GE 900	25.2	30.8	41.6	52.9	58.0	61.8	69.6	72.6	72.9	74.4	75.8	76.1	76.5	76.9	77.0	77.6
GE 800	25.4	31.0	42.0	53.5	58.9	62.8	70.6	73.7	74.0	75.8	77.2	77.5	77.8	78.3	78.4	79.1
GE 700	25.7	31.3	42.5	54.0	59.5	63.7	72.2	75.2	75.7	77.6	79.1	79.5	79.8	80.2	80.3	81.1
GE 600	25.7	31.3	43.0	54.6	60.3	64.3	73.7	77.0	78.0	79.9	81.5	81.9	82.3	82.7	82.8	83.5
GE 500	25.9	31.7	43.5	55.3	61.7	66.0	75.7	79.2	80.2	82.5	84.4	84.8	85.2	85.6	85.7	86.5
GE 400	25.9	31.8	43.9	55.9	62.4	66.7	77.2	81.7	82.9	85.2	87.3	87.8	88.2	88.6	88.7	89.5
GE 300	25.9	31.8	44.2	56.3	63.2	67.5	78.4	83.5	84.9	87.4	89.7	90.4	91.0	91.4	91.6	92.4
GE 200	26.0	31.9	44.3	56.5	63.3	67.8	78.6	83.9	85.3	87.7	90.1	91.1	91.6	92.2	92.5	93.8
GE 100	26.0	31.9	44.4	56.6	63.5	68.1	78.8	84.1	85.5	88.0	90.4	91.4	92.0	92.6	93.3	96.3
GE 000	26.0	31.9	44.4	56.6	63.5	68.1	78.8	84.1	85.5	88.0	90.4	91.4	92.0	92.6	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.8	17.8	20.8	25.7	28.3	28.7	31.3	33.4	34.0	35.4	35.7	35.7	35.7	35.9	35.9	37.0
GE 20000	15.8	17.8	20.8	25.7	28.3	28.7	31.3	33.4	34.0	35.4	35.7	35.7	35.7	35.9	35.9	37.0
GE 18000	15.8	17.8	20.8	25.7	28.3	28.7	31.3	33.4	34.0	35.4	35.7	35.7	35.7	35.9	35.9	37.0
GE 16000	15.8	17.8	20.3	25.8	28.4	28.8	31.4	33.5	34.1	35.5	35.8	35.8	35.8	36.0	36.0	37.1
GE 14000	16.1	18.3	21.4	26.5	29.0	29.5	32.0	34.2	34.7	36.1	36.5	36.5	36.5	36.7	36.7	37.7
GE 12000	16.1	18.3	21.4	26.5	29.0	29.5	32.0	34.2	34.7	36.1	36.5	36.5	36.5	36.7	36.7	37.7
GE 10000	16.7	18.8	22.2	27.5	30.2	30.9	33.4	35.6	36.1	37.5	37.8	37.8	37.8	38.1	38.1	39.1
GE 9000	16.8	18.9	22.3	27.6	30.3	31.0	33.5	35.7	36.2	37.7	38.1	38.1	38.1	38.3	38.3	39.4
GE 8000	17.3	20.4	23.3	29.4	32.0	32.7	35.4	37.5	38.1	39.6	39.9	39.9	39.9	40.1	40.1	41.2
GE 7000	18.3	20.9	24.2	29.9	32.7	33.4	36.1	38.4	38.9	40.4	40.8	40.8	40.8	41.0	41.0	42.0
GE 6000	18.4	21.0	24.5	30.2	33.0	33.8	37.3	39.7	40.2	41.7	42.0	42.0	42.0	42.3	42.3	43.3
GE 5000	18.9	21.5	25.4	31.6	34.5	35.3	39.2	41.7	42.3	44.0	44.5	44.5	44.5	44.7	44.7	45.8
GE 4500	19.0	21.6	25.7	32.3	35.3	36.0	40.0	42.5	43.0	44.7	45.3	45.3	45.3	45.5	45.5	46.6
GE 4000	20.2	23.1	28.0	34.7	38.0	39.2	43.5	46.0	46.6	48.4	48.9	48.9	48.9	49.1	49.1	50.3
GE 3500	20.5	23.7	29.0	36.3	39.7	41.0	45.5	48.1	48.6	50.4	51.0	51.0	51.0	51.2	51.2	52.4
GE 3000	22.3	25.4	31.4	39.2	42.6	44.1	48.6	51.2	51.7	53.5	54.1	54.1	54.1	54.3	54.3	55.5
GE 2500	24.3	27.6	35.1	43.5	47.5	49.2	53.9	56.5	57.0	58.8	59.7	59.7	59.7	59.9	59.9	61.1
GE 2000	26.2	30.3	38.5	47.5	51.7	53.7	58.6	61.2	61.7	63.5	64.4	64.5	64.5	64.7	64.7	65.9
GE 1800	26.8	30.9	39.1	48.4	52.7	54.6	59.7	62.4	62.9	64.7	65.6	65.7	65.7	65.9	65.9	67.1
GE 1500	27.4	31.9	40.6	50.3	55.2	57.2	62.4	65.2	65.8	67.6	68.5	68.6	68.6	68.8	68.8	70.0
GE 1200	27.6	32.4	41.5	52.4	57.3	59.6	65.2	68.0	68.6	70.4	71.4	71.5	71.5	71.8	71.8	73.0
GE 1000	28.0	32.8	42.3	53.5	58.7	61.1	67.0	69.8	70.4	72.3	73.4	73.5	73.7	74.0	74.0	75.2
GE 900	28.0	32.8	42.8	54.5	59.8	62.4	68.5	71.5	72.2	74.1	75.3	75.4	75.5	75.8	75.9	77.1
GE 800	28.0	32.8	43.3	55.1	60.8	63.3	69.2	72.9	73.4	75.4	76.6	76.7	76.8	77.1	77.2	78.4
GE 700	28.1	32.9	43.7	55.4	61.3	64.1	71.0	74.3	74.9	76.9	78.3	78.4	78.5	78.8	78.9	80.1
GE 600	28.1	32.9	43.9	56.0	61.9	65.4	72.3	76.2	77.3	79.4	80.9	81.0	81.1	81.4	81.5	82.7
GE 500	28.2	33.1	44.2	56.7	62.9	66.3	73.8	77.7	79.0	81.4	82.9	83.0	83.1	83.4	83.5	84.7
GE 400	28.2	33.1	44.3	56.9	63.3	67.0	74.6	79.5	80.9	83.3	84.9	85.1	85.3	85.6	85.7	86.9
GE 300	28.2	33.1	44.4	57.0	63.4	67.1	75.3	80.2	81.6	84.5	86.6	86.9	87.3	87.6	87.7	88.9
GE 200	28.2	33.1	44.4	57.1	63.5	67.3	75.5	80.8	82.3	85.6	88.3	88.7	89.7	90.3	91.1	93.1
GE 100	28.2	33.1	44.4	57.1	63.5	67.3	75.6	81.1	82.6	85.9	88.8	89.2	90.3	91.2	92.2	97.1
GE 000	28.2	33.1	44.4	57.1	63.5	67.3	75.6	81.1	82.6	85.9	88.8	89.2	90.3	91.2	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 230

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.4	17.0	20.0	22.5	24.9	25.7	28.3	29.7	30.4	31.3	31.7	32.2	32.5	32.5	32.5	34.2
GE 20000	14.7	17.4	20.4	22.9	25.4	26.1	28.7	30.1	30.9	31.7	32.3	32.7	33.0	33.0	33.0	34.7
GE 18000	14.7	17.4	20.4	22.9	25.4	26.1	28.7	30.1	30.9	31.7	32.3	32.7	33.0	33.0	33.0	34.7
GE 16000	14.7	17.4	20.4	23.0	25.5	26.2	28.8	30.2	31.0	31.8	32.4	32.8	33.1	33.1	33.1	34.8
GE 14000	14.7	17.7	20.8	23.4	25.9	26.7	29.2	30.6	31.4	32.3	32.8	33.2	33.5	33.5	33.5	35.3
GE 12000	14.7	17.7	20.9	23.5	26.0	26.8	29.4	30.8	31.5	32.4	32.9	33.3	33.7	33.7	33.7	35.4
GE 10000	14.8	17.8	21.1	24.0	26.5	27.2	29.8	31.2	31.9	32.8	33.3	33.8	34.1	34.1	34.1	35.8
GE 9000	15.1	18.1	21.4	24.3	26.8	27.5	30.1	31.5	32.3	33.1	33.7	34.1	34.4	34.4	34.4	36.1
GE 8000	16.0	19.2	22.9	25.9	28.5	29.2	31.8	33.2	34.0	34.8	35.4	35.8	36.1	36.1	36.1	37.8
GE 7000	16.5	19.7	23.4	26.6	29.4	30.2	32.8	34.3	35.1	35.9	36.6	37.0	37.3	37.3	37.3	39.0
GE 6000	16.6	19.9	23.9	27.2	30.0	30.9	33.5	35.4	36.1	37.0	37.6	38.1	38.4	38.4	38.4	40.1
GE 5000	17.4	20.9	25.1	28.6	31.7	32.6	35.7	37.7	38.6	39.6	40.2	40.6	41.0	41.0	41.0	42.7
GE 4500	17.6	21.1	25.4	29.1	32.4	33.7	36.6	38.6	39.5	40.4	41.1	41.5	41.8	41.8	41.9	43.7
GE 4000	19.1	23.1	27.7	32.0	35.7	37.3	41.1	43.1	44.0	44.9	45.7	46.2	46.6	46.7	46.8	48.8
GE 3500	19.7	24.0	28.9	34.0	37.7	39.5	43.2	45.3	46.1	47.2	48.0	48.5	48.8	48.9	49.0	51.1
GE 3000	21.1	25.4	30.5	36.1	39.9	41.7	45.7	47.8	48.8	49.9	50.6	51.2	51.5	51.6	51.7	53.8
GE 2500	24.1	28.5	34.4	40.3	44.3	46.9	51.1	53.2	54.2	55.4	56.2	56.8	57.1	57.2	57.3	59.4
GE 2000	26.6	31.6	37.8	44.5	49.2	51.3	56.0	58.3	59.4	60.6	61.6	62.2	62.6	62.8	62.9	64.9
GE 1800	27.6	32.8	39.4	46.1	50.9	52.9	57.7	60.1	61.3	62.7	63.7	64.2	64.6	64.8	64.9	67.0
GE 1500	28.4	33.9	41.4	48.8	53.5	55.6	60.5	62.9	64.2	65.6	66.7	67.2	67.6	67.8	68.0	70.0
GE 1200	29.6	35.1	43.0	51.3	56.5	58.6	64.3	66.7	68.1	69.5	70.6	71.3	71.8	72.0	72.2	74.2
GE 1000	31.0	36.5	44.7	53.1	58.3	60.5	66.5	69.2	70.6	72.0	73.3	74.0	74.5	74.7	74.8	76.9
GE 900	31.0	36.5	44.8	53.3	58.5	60.9	67.0	69.7	71.1	72.5	73.8	74.6	74.9	75.2	75.3	77.3
GE 800	31.4	36.9	45.4	54.3	59.6	61.8	68.2	71.0	72.4	73.9	75.2	75.8	76.3	76.6	76.8	78.8
GE 700	31.5	37.2	45.9	54.9	60.6	63.2	69.7	72.5	73.9	75.6	77.0	77.7	78.3	78.5	78.7	80.8
GE 600	31.6	37.4	46.3	56.1	61.9	64.7	71.3	74.4	76.3	78.6	80.0	80.9	81.4	81.7	82.0	84.1
GE 500	31.7	37.5	46.9	56.3	63.0	66.0	73.0	76.2	78.2	80.8	82.4	83.2	83.8	84.1	84.4	86.5
GE 400	31.7	37.5	47.0	56.5	63.1	66.3	73.7	77.0	79.0	81.6	83.3	84.4	85.1	85.4	85.7	87.7
GE 300	31.7	37.5	47.0	56.6	63.5	66.8	74.1	77.5	79.7	82.5	84.5	85.7	86.8	87.1	87.5	89.6
GE 200	31.7	37.5	47.0	56.6	63.5	66.8	74.3	78.1	80.2	83.4	86.1	87.4	88.6	89.2	90.1	92.7
GE 100	31.7	37.5	47.0	56.6	63.5	66.8	74.5	78.4	80.5	83.8	86.7	88.0	89.4	90.3	91.5	97.0
GE 000	31.7	37.5	47.0	56.6	63.5	66.8	74.6	78.4	80.5	83.8	86.7	88.0	89.4	90.3	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.0	15.7	18.2	21.6	23.2	24.3	27.3	28.3	29.2	29.8	30.2	31.0	31.0	31.0	31.0	32.4
GE 20000	13.1	15.8	18.4	22.2	23.9	24.9	28.0	29.0	30.0	30.6	31.1	31.8	31.8	31.8	31.8	33.2
GE 18000	13.1	15.9	18.5	22.3	24.0	25.1	28.1	29.1	30.1	30.8	31.2	31.9	31.9	31.9	31.9	33.3
GE 16000	13.1	15.9	18.5	22.3	24.0	25.1	28.2	29.2	30.2	30.9	31.3	32.0	32.0	32.0	32.0	33.4
GE 14000	13.1	15.9	18.5	22.5	24.2	25.3	28.5	29.6	30.5	31.3	31.7	32.5	32.5	32.5	32.5	34.0
GE 12000	13.7	16.5	19.6	23.5	25.5	27.0	30.2	31.3	32.3	33.0	33.4	34.2	34.2	34.2	34.2	35.7
GE 10000	13.9	16.8	20.3	24.6	26.3	28.4	31.8	32.9	33.9	34.6	35.1	35.8	35.8	35.8	35.8	37.3
GE 9000	14.0	17.0	20.5	25.1	27.2	28.8	32.3	33.3	34.3	35.1	35.5	36.2	36.2	36.2	36.2	37.7
GE 8000	15.3	18.5	22.7	27.2	29.6	31.3	34.8	36.1	37.2	38.0	38.4	39.1	39.1	39.1	39.1	40.6
GE 7000	15.7	19.0	23.2	27.8	30.2	32.0	35.7	37.1	38.2	38.9	39.4	40.1	40.1	40.1	40.1	41.6
GE 6000	15.9	19.1	23.5	28.5	30.9	32.9	36.7	38.1	39.1	40.0	40.4	41.2	41.2	41.2	41.2	42.7
GE 5000	16.7	20.1	24.9	30.3	33.0	35.1	39.1	40.3	41.4	42.4	42.9	43.7	43.7	43.8	43.8	45.5
GE 4500	17.1	20.6	25.8	31.2	34.0	36.1	40.1	41.6	42.7	43.7	44.2	44.9	44.9	45.1	45.1	46.8
GE 4000	19.8	23.4	29.0	34.3	38.5	40.5	44.7	46.7	47.7	48.9	49.6	50.3	50.3	50.4	50.5	52.7
GE 3500	20.5	24.5	30.3	36.8	40.9	43.2	47.4	49.1	50.2	51.5	52.4	53.1	53.1	53.2	53.3	55.5
GE 3000	21.3	25.3	31.2	37.3	42.2	44.5	48.8	50.9	51.9	53.3	54.2	54.9	54.9	55.2	55.4	57.5
GE 2500	23.4	28.1	34.4	41.8	46.6	49.4	53.9	56.2	57.5	59.0	60.0	60.8	60.9	61.1	61.3	63.4
GE 2000	24.6	29.8	36.6	44.6	49.5	52.3	57.3	59.7	61.1	62.7	63.9	64.6	64.8	65.1	65.3	67.4
GE 1800	25.4	30.6	37.5	45.7	50.6	53.4	58.6	60.9	62.3	63.9	65.1	65.8	66.0	66.2	66.5	68.6
GE 1500	26.6	32.0	39.2	47.7	52.9	55.8	61.0	63.5	64.9	66.6	67.7	68.5	68.7	68.9	69.1	71.3
GE 1200	28.0	33.7	41.7	50.8	56.2	59.7	65.3	68.0	69.4	71.2	72.6	73.3	73.5	73.8	74.0	76.1
GE 1000	29.0	34.7	43.2	52.6	58.3	61.9	67.2	71.1	72.6	74.4	75.8	76.6	76.8	77.0	77.2	79.5
GE 900	29.0	34.8	43.3	52.7	58.3	62.0	67.3	71.4	73.3	75.2	76.6	77.4	77.6	77.8	78.1	80.3
GE 800	29.2	35.1	43.7	53.2	59.6	63.4	70.0	72.9	74.4	76.2	77.7	78.6	78.8	79.0	79.2	81.5
GE 700	29.7	35.5	44.1	53.9	60.3	64.4	71.1	74.1	75.6	77.4	78.9	79.8	80.0	80.2	80.4	82.7
GE 600	29.9	35.7	44.9	55.1	61.7	65.9	72.7	75.7	77.3	79.1	80.8	81.6	82.2	82.4	82.6	84.8
GE 500	30.0	35.8	45.3	55.4	62.3	66.3	73.3	76.7	78.5	80.4	82.2	83.0	84.0	84.2	84.5	86.8
GE 400	30.0	35.8	45.5	55.9	63.7	67.7	75.1	78.4	80.4	82.4	84.6	85.5	86.5	86.7	87.0	89.4
GE 300	30.0	35.8	45.5	55.9	63.7	67.7	75.3	78.8	81.3	83.4	85.9	87.0	88.1	88.5	89.0	91.7
GE 200	30.0	35.8	45.5	55.9	63.7	67.7	75.3	78.8	81.4	83.8	86.7	88.0	89.4	90.4	91.6	94.6
GE 100	30.0	35.9	45.5	55.9	63.7	67.7	75.3	78.9	81.4	83.8	86.7	88.1	89.7	90.8	92.2	98.2
GE 000	30.0	35.9	45.5	55.9	63.7	67.7	75.3	78.9	81.4	83.8	86.7	88.1	89.7	90.8	92.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IS STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.7	16.2	19.9	24.0	25.9	27.2	28.6	30.1	31.2	31.7	32.3	32.5	32.5	32.5	32.5	33.1
GE 20000	14.3	17.1	21.0	25.5	27.5	28.8	30.1	31.7	32.8	33.4	34.0	34.3	34.3	34.3	34.3	34.9
GE 18000	14.4	17.3	21.2	25.7	27.7	29.0	30.3	31.9	33.0	33.7	34.2	34.5	34.5	34.5	34.5	35.2
GE 16000	14.5	17.5	21.5	26.2	28.3	29.6	30.9	32.5	33.5	34.2	34.7	35.1	35.1	35.1	35.1	35.7
GE 14000	14.8	18.0	22.0	27.2	29.2	30.5	32.0	33.7	34.7	35.4	35.9	36.2	36.2	36.2	36.2	36.9
GE 12000	15.6	19.2	23.9	29.2	31.3	32.7	34.2	35.9	37.0	37.7	38.3	38.6	38.6	38.6	38.6	39.2
GE 10000	15.8	19.5	24.2	30.1	32.3	33.7	35.3	36.9	38.1	38.8	39.4	39.7	39.7	39.7	40.0	40.6
GE 9000	15.8	19.5	24.2	30.1	32.3	33.7	35.3	37.1	38.3	39.0	39.6	39.9	39.9	39.9	40.2	40.9
GE 8000	15.8	20.3	25.4	31.5	33.8	35.3	37.1	38.7	39.9	40.6	41.2	41.5	41.5	41.5	41.8	42.5
GE 7000	17.0	21.1	26.1	32.9	35.2	37.0	38.9	40.4	41.9	42.7	43.2	43.5	43.5	43.5	43.9	44.5
GE 6000	17.0	21.1	26.3	33.4	35.7	37.5	39.7	41.5	42.8	43.5	44.1	44.4	44.4	44.4	44.7	45.4
GE 5000	17.4	21.7	27.1	34.5	37.1	39.4	41.4	43.5	44.7	45.6	46.3	46.7	46.7	46.7	47.0	47.6
GE 4500	18.0	22.3	27.7	35.5	38.2	40.4	42.7	44.8	46.1	47.0	47.7	48.1	48.1	48.1	48.4	49.0
GE 4000	19.8	24.2	30.3	38.4	41.4	44.0	46.3	48.9	50.2	51.1	51.9	52.3	52.3	52.3	52.6	53.2
GE 3500	20.6	25.3	31.5	39.9	43.3	46.2	48.7	51.2	52.6	53.7	54.5	54.9	54.9	54.9	55.3	55.9
GE 3000	21.4	26.2	32.6	41.2	44.6	47.5	50.1	52.6	54.2	55.4	56.3	56.8	56.8	56.8	57.1	57.7
GE 2500	23.8	28.9	35.4	44.0	47.4	50.5	53.3	55.9	57.5	59.1	60.1	60.5	60.5	60.5	61.0	61.6
GE 2000	26.3	31.7	38.7	48.3	52.0	55.5	58.2	60.9	62.5	64.2	65.2	65.6	65.6	65.6	66.0	66.7
GE 1800	26.9	32.5	39.7	49.2	53.2	56.7	59.5	62.2	63.9	65.5	66.5	66.9	66.9	66.9	67.4	68.1
GE 1500	28.0	33.7	41.5	51.3	55.7	59.2	62.2	64.9	66.6	68.4	69.5	69.9	69.9	69.9	70.4	71.1
GE 1200	28.4	34.9	43.4	54.2	59.4	63.4	66.5	69.7	71.3	73.1	74.3	74.8	74.8	74.8	75.4	76.0
GE 1000	28.9	35.6	44.3	55.3	61.4	65.5	69.2	72.2	73.9	75.8	77.0	77.5	77.5	77.5	78.1	78.7
GE 900	29.1	35.8	44.5	56.1	61.8	66.0	70.0	72.9	74.6	76.3	78.0	78.5	78.6	78.6	79.1	79.8
GE 800	29.2	35.9	44.6	56.5	62.5	66.5	71.1	74.0	75.7	77.1	79.2	79.8	79.9	79.9	80.4	81.1
GE 700	29.4	36.0	44.8	56.8	63.0	67.6	72.0	75.1	76.8	79.6	80.8	81.3	81.4	81.4	81.9	82.6
GE 600	29.4	36.0	45.5	57.8	64.6	69.4	74.5	77.4	79.2	82.2	83.3	83.9	84.1	84.1	84.6	85.3
GE 500	29.4	36.0	45.6	58.3	65.4	70.2	75.6	78.9	80.9	84.1	85.5	86.0	86.2	86.2	86.8	87.5
GE 400	29.4	36.0	45.8	58.6	65.7	70.1	76.5	80.1	82.0	85.4	86.9	87.4	87.6	87.7	88.4	89.1
GE 300	29.4	36.0	45.8	58.6	66.0	71.5	77.5	81.2	83.3	86.9	88.6	89.5	90.0	90.2	91.4	92.3
GE 200	29.4	36.0	45.9	58.9	66.1	71.6	77.9	81.5	83.7	87.3	89.5	90.6	91.8	92.3	93.7	95.3
GE 100	29.4	36.0	45.9	58.9	66.1	71.6	77.9	81.5	83.7	87.3	89.5	90.8	91.9	92.4	93.9	97.6
GE 000	29.4	36.0	45.9	58.9	66.1	71.6	77.9	81.5	83.7	87.3	89.5	90.9	92.0	92.5	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM SUPPLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.9	12.9	16.2	20.3	23.4	24.5	27.7	28.9	29.8	30.5	31.1	31.3	31.3	31.3	31.3	31.5
GE 20000	11.3	13.7	17.2	21.7	25.1	26.3	29.5	30.8	31.6	32.4	32.9	33.1	33.1	33.1	33.1	33.3
GE 18000	11.4	13.8	17.6	22.3	25.7	27.0	30.2	31.4	32.3	33.0	33.5	33.8	33.8	33.8	33.8	34.0
GE 16000	11.5	14.0	17.8	22.6	26.0	27.3	30.5	31.7	32.6	33.3	33.9	34.1	34.1	34.1	34.1	34.3
GE 14000	12.0	14.6	18.9	23.9	27.5	28.8	32.2	33.4	34.3	35.1	35.6	35.8	35.8	35.8	35.8	36.0
GE 12000	12.5	15.3	20.0	25.2	28.8	30.1	33.4	34.7	35.6	36.3	37.0	37.2	37.2	37.2	37.2	37.4
GE 10000	12.5	15.4	20.6	26.3	30.1	31.5	34.1	35.5	37.3	38.1	38.8	39.0	39.0	39.0	39.1	39.5
GE 9000	12.7	15.6	20.9	26.6	30.3	31.7	35.4	36.9	37.7	38.6	39.4	39.6	39.7	39.8	39.9	40.2
GE 8000	13.1	16.1	21.3	27.0	31.5	33.1	37.0	38.5	39.4	40.2	41.0	41.2	41.3	41.4	41.5	41.8
GE 7000	13.7	16.7	22.9	28.9	33.1	34.7	38.6	40.1	41.1	41.9	42.8	43.0	43.1	43.2	43.3	43.7
GE 6000	13.3	16.9	23.0	29.1	33.3	35.1	39.2	40.9	41.9	42.7	43.7	43.9	44.0	44.1	44.3	44.6
GE 5000	14.0	17.2	24.0	30.3	34.7	36.5	41.0	42.6	43.7	44.8	45.9	46.1	46.3	46.5	46.7	47.0
GE 4500	14.2	17.4	24.3	30.6	35.2	37.3	42.0	43.9	45.3	46.5	47.5	47.7	48.0	48.1	48.3	48.6
GE 4000	15.7	18.9	26.1	33.2	38.1	40.2	45.1	47.0	48.4	49.8	50.9	51.1	51.3	51.4	51.6	51.9
GE 3500	16.9	20.4	27.4	35.2	40.5	42.8	48.1	50.0	51.6	53.1	54.3	54.5	54.7	54.9	55.2	55.6
GE 3000	17.7	21.5	29.4	37.1	42.9	45.2	50.5	52.5	54.5	56.0	57.2	57.4	57.6	57.8	58.1	58.5
GE 2500	19.5	23.9	31.9	40.0	45.9	48.5	54.7	56.9	58.9	60.3	61.6	61.8	62.0	62.3	62.5	62.9
GE 2000	21.5	25.9	34.2	43.0	48.1	51.7	58.0	60.1	61.7	63.5	64.8	65.1	65.3	65.5	65.7	66.2
GE 1800	21.6	26.3	35.5	43.7	49.9	52.5	58.7	61.2	62.8	64.6	65.9	66.2	66.5	66.7	66.9	67.4
GE 1500	22.9	27.6	37.3	46.0	52.6	55.4	62.2	64.5	66.1	68.1	69.4	69.7	69.9	70.1	70.3	70.9
GE 1200	23.7	28.5	39.1	49.4	56.1	59.5	66.5	68.9	70.5	72.6	73.9	74.2	74.4	74.6	74.8	75.4
GE 1000	24.0	28.9	40.2	51.7	58.7	62.5	69.6	72.4	74.0	76.2	77.5	77.8	78.1	78.3	78.5	79.0
GE 900	24.0	28.9	40.3	51.8	58.8	62.7	70.3	73.0	74.6	77.1	78.4	78.7	78.9	79.1	79.4	79.9
GE 800	24.0	29.0	40.4	52.0	59.5	63.4	71.4	74.2	75.9	78.5	79.8	80.1	80.3	80.5	80.8	81.3
GE 700	24.0	29.0	40.4	52.0	59.7	64.1	72.9	75.2	76.1	80.9	82.3	82.6	82.9	83.1	83.3	83.9
GE 600	24.0	29.0	40.4	52.3	60.3	64.7	73.9	77.5	79.5	82.3	83.8	84.1	84.4	84.6	84.8	85.4
GE 500	24.1	29.1	40.5	52.5	60.5	65.5	75.3	79.2	81.2	84.9	86.6	86.0	86.3	86.6	86.9	87.4
GE 400	24.1	29.1	40.8	52.9	61.3	66.1	76.2	80.3	82.6	85.7	87.8	88.4	88.7	88.9	89.5	90.0
GE 300	24.1	29.1	40.8	53.0	61.5	66.5	76.9	81.1	83.3	86.9	89.6	90.2	90.5	90.9	91.4	91.9
GE 200	24.1	29.1	40.8	53.0	61.6	66.8	76.9	81.1	83.3	86.8	89.9	91.2	91.7	92.2	92.8	94.5
GE 100	24.1	29.1	40.8	53.0	61.6	66.8	76.9	81.1	83.5	87.0	90.1	91.4	92.2	92.8	93.9	96.8
GE 000	24.1	29.1	40.8	53.0	61.6	66.8	76.9	81.1	83.5	87.0	90.1	91.4	92.2	92.8	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 750

...OCCURRENCE LOCATION: "AB" ...OCCURRENCE OF CEILING VERSUS VISIBILITY
"STATION", ALL HRS. ...ALL TIMES

...PERIOD OF RECORD: APR 54 - MAR 64
...MONTH: JAN HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES														
											GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
											35.6	35.7	35.9	36.1	36.2	36.9
											37.0	37.1	37.3	37.5	37.6	38.3
											37.1	37.2	37.4	37.6	37.7	38.4
											37.2	37.3	37.5	37.7	37.8	38.5
											38.5	38.6	38.8	39.0	39.1	39.8
											40.2	40.3	40.5	40.8	40.9	41.5
											41.6	41.7	41.9	42.2	42.3	42.9
											42.3	42.4	42.7	43.0	43.1	43.8
											43.2	43.3	43.7	44.0	44.1	44.7
											44.4	44.5	44.8	45.2	45.3	45.9
											46.1	46.2	46.6	46.9	47.0	47.6
											48.3	48.4	48.9	49.2	49.4	50.0
											49.7	49.8	50.3	50.6	50.8	51.4
											53.3	53.4	54.0	54.3	54.4	55.1
											54.6	54.7	55.3	55.6	55.7	56.3
											59.5	59.6	60.1	60.4	60.5	61.2
											63.2	63.3	63.9	64.2	64.3	64.9
											66.3	66.4	66.9	67.0	67.1	67.6
											67.5	67.6	68.2	68.5	68.6	69.2
											71.2	71.3	71.8	72.2	72.3	72.9
											74.6	74.7	75.3	75.6	75.7	76.3
											77.0	77.1	77.6	78.0	78.1	78.7
											78.3	78.4	78.9	79.3	79.4	79.6
											81.3	81.4	81.9	82.3	82.4	83.0
											83.7	83.8	84.3	84.6	84.7	85.4
											86.5	86.6	87.1	87.4	87.5	88.2
											88.2	88.4	89.0	89.6	89.7	90.3
											90.4	90.8	91.4	92.4	92.7	93.4
											90.8	91.2	91.9	92.9	93.2	94.6
											90.9	91.3	92.4	93.4	94.2	96.3
											90.9	91.3	92.4	93.4	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS ...

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

STATION: ASHEVILLE, NC — HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64

LST TO UTC: - 0 MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	13.1	14.[illegible]	20.6	25.4	27.3	29.[illegible]	32.[illegible]	[illegible]	34.9	36.2	36.3	36.5	36.9	37.0	38.2
[illegible]	13.1	14.[illegible]	20.[illegible]	25.[illegible]	28.3	30.3	33.1	34.[illegible]	34.7	35.7	37.0	37.1	37.2	37.6	37.7	38.9
[illegible]	13.1	14.[illegible]	20.[illegible]	25.[illegible]	28.3	30.3	33.1	34.[illegible]	34.7	35.7	37.0	37.1	37.2	37.6	37.7	38.9
[illegible]	13.1	14.[illegible]	20.[illegible]	25.[illegible]	28.4	30.1	33.[illegible]	34.[illegible]	34.[illegible]	35.[illegible]	37.1	37.2	37.3	37.7	37.8	39.0
[illegible]	13.1	14.[illegible]	21.[illegible]	26.3	28.1	30.6	34.3	35.4	35.6	36.6	37.8	38.0	38.1	38.5	38.6	39.8
[illegible]	13.[illegible]	14.[illegible]	21.7	27.0	30.[illegible]	31.7	35.1	35.[illegible]	[illegible]	37.7	39.0	39.1	39.2	39.7	39.8	41.0
[illegible]	13.[illegible]	14.[illegible]	22.[illegible]	[illegible]	31.[illegible]	[illegible]	35.[illegible]	[illegible]	38.[illegible]	38.6	40.9	41.0	41.1	41.5	41.6	42.8
[illegible]	14.[illegible]	15.[illegible]	23.[illegible]	29.[illegible]	32.0	33.9	37.[illegible]	38.1	38.1	40.1	41.5	41.6	41.7	42.2	42.3	43.4
[illegible]	14.[illegible]	15.7	24.[illegible]	31.[illegible]	34.[illegible]	35.[illegible]	39.[illegible]	41.[illegible]	41.4	42.4	43.[illegible]	43.9	44.1	44.5	44.6	45.8
[illegible]	[illegible]	15.[illegible]	24.[illegible]	31.3	34.4	36.2	40.1	41.[illegible]	41.[illegible]	42.3	44.3	44.4	44.6	45.1	45.2	46.3
[illegible]	14.7	15.[illegible]	25.4	31.[illegible]	34.9	36.[illegible]	40.[illegible]	42.[illegible]	42.[illegible]	43.6	45.1	45.2	45.4	45.8	45.9	47.1
[illegible]	15.[illegible]	17.[illegible]	27.2	34.[illegible]	37.1	39.[illegible]	43.3	45.[illegible]	45.[illegible]	46.[illegible]	48.5	48.6	48.8	49.2	49.5	50.6
[illegible]	16.1	18.1	27.[illegible]	36.7	37.[illegible]	39.[illegible]	[illegible]	46.7	46.9	47.8	49.6	49.7	49.9	50.3	50.5	51.7
[illegible]	17.	21.1	31.[illegible]	37.[illegible]	41.8	44.3	47.	[illegible]	[illegible]	[illegible]	53.3	53.4	53.7	54.1	54.3	55.5
[illegible]	19.2	21.[illegible]	31.[illegible]	38.7	43.9	46.[illegible]	50.[illegible]	53.[illegible]	53.3	54.[illegible]	56.6	56.7	56.9	57.3	57.5	58.7
[illegible]	[illegible]	[illegible]	34.[illegible]	[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.6	60.8	61.1	61.5	61.8	63.0
[illegible]	23.[illegible]	26.4	37.6	45.2	51.3	54.1	[illegible]	[illegible]	[illegible]	63.3	65.6	65.6	65.9	66.3	66.7	67.8
[illegible]	[illegible]	27.[illegible]	38.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.2	68.5	68.6	68.9	69.4	69.8	71.0
[illegible]	24.[illegible]	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	70.2	70.5	71.0	71.4	72.6
[illegible]	24.[illegible]	28.[illegible]	41.4	51.[illegible]	56.7	59.7	63.[illegible]	63.[illegible]	64.1	65.[illegible]	71.8	71.9	72.3	72.7	73.2	74.4
[illegible]	24.	29.1	42.3	[illegible]	57.2	60.4	[illegible]	[illegible]	71.9	72.7	74.9	75.1	75.4	75.8	76.3	77.5
[illegible]	24.[illegible]	29.7	42.[illegible]	54.3	57.[illegible]	60.[illegible]	67.1	[illegible]	[illegible]	[illegible]	77.7	77.8	78.2	78.6	79.1	80.3
[illegible]	[illegible]	[illegible]	43.6	54.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.[illegible]	29.[illegible]	43.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.1	80.2	80.8	81.2	81.8	83.1
[illegible]	24.3	29.9	43.5	56.3	62.3	65.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.3	82.4	82.9	83.3	84.0	85.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.4	84.5	85.1	85.5	86.1	87.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.4	89.5	90.0	90.5	91.2	92.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.9	90.0	91.2	91.8	92.8	96.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.0	90.1	91.4	92.0	93.0	100.0

TOTAL NUMBER OF [illegible] VALUES [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL WEEKLY OBSERVATIONS

STATION NUMBER: 34-73 STATION NAME: CAPE SCOTT [illegible] PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 5 MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.1	[illegible]	19.[illegible]	20.7	26.1	27.3	30.[illegible]	31.7	32.3	33.1	33.7	34.0	34.1	34.2	34.2	35.2
GE 20000	17.[illegible]	18.7	19.3	24.3	25.[illegible]	26.1	31.3	32.4	33.2	34.0	34.6	34.9	35.0	35.1	35.2	36.1
GE 18000	17.[illegible]	18.7	19.3	24.3	25.9	26.2	31.2	32.2	33.3	34.1	34.8	35.0	35.1	35.3	35.3	36.2
GE 16000	17.4	18.[illegible]	19.[illegible]	24.1	25.[illegible]	27.1	31.[illegible]	32.[illegible]	33.5	34.3	34.9	35.2	35.3	35.4	35.5	36.4
GE 14000	17.4	18.[illegible]	19.[illegible]	23.[illegible]	25.3	27.[illegible]	29.1	30.2	33.2	34.3	34.2	35.8	36.0	36.1	36.3	36.3	37.3
GE 12000	17.[illegible]	18.[illegible]	19.[illegible]	21.6	25.1	26.7	30.1	31.[illegible]	34.[illegible]	35.[illegible]	36.3	36.9	37.2	37.3	37.4	37.4	38.4
GE 10000	18.[illegible]	19.[illegible]	20.[illegible]	22.1	27.2	28.9	31.8	34.[illegible]	35.1	36.8	37.6	38.3	38.5	38.6	38.8	38.9	39.8
GE 9000	18.[illegible]	19.1	20.[illegible]	23.[illegible]	27.5	29.2	31.[illegible]	34.[illegible]	35.5	37.1	38.0	38.7	38.9	39.1	39.2	39.3	40.3
GE 8000	18.[illegible]	19.[illegible]	20.[illegible]	23.[illegible]	28.[illegible]	31.7	33.[illegible]	35.[illegible]	36.3	38.0	39.6	40.5	40.8	40.9	41.1	41.2	42.1
GE 7000	18.[illegible]	19.[illegible]	20.[illegible]	24.[illegible]	28.[illegible]	32.6	34.[illegible]	37.[illegible]	38.6	40.1	40.9	41.7	41.9	42.1	42.2	42.3	43.3
GE 6000	18.[illegible]	19.[illegible]	20.[illegible]	24.[illegible]	29.3	33.2	34.[illegible]	37.[illegible]	38.[illegible]	41.1	42.0	42.8	43.0	43.2	43.3	43.4	44.4
GE 5000	18.[illegible]	19.[illegible]	20.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.3	45.6	45.8	46.0	46.1	47.1
GE 4500	18.[illegible]	19.[illegible]	20.[illegible]	25.3	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.7	46.0	46.2	46.3	46.3	48.3
GE 4000	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 3500	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 3000	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 2500	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 2000	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 1800	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 1600	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 1400	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 1200	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 1000	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 900	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 800	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 700	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 600	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 500	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 400	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 300	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 200	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
GE 100	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]
0	18.[illegible]	19.[illegible]	21.[illegible]	25.[illegible]	31.[illegible]	34.[illegible]	36.[illegible]	39.[illegible]	40.[illegible]	42.[illegible]	44.[illegible]	45.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	48.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7443

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC FIVE HOURLY OBSERVATIONS

STATION NUMBER: 34-73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.3	17.2	24.5	27.9	29.7	30.6	32.3	34.5	35.1	36.3	36.9	36.9	37.0	37.0	37.2	38.0
GE 20000	14.3	17.2	24.5	28.0	29.8	30.7	33.0	34.7	35.3	36.5	37.1	37.1	37.2	37.2	37.5	38.3
GE 18000	14.3	17.2	24.5	28.0	29.8	30.9	34.0	35.1	35.7	36.9	37.5	37.5	37.6	37.6	37.8	38.6
GE 16000	14.3	17.2	24.5	28.0	29.8	30.9	34.0	35.1	35.7	36.9	37.5	37.5	37.6	37.6	37.8	38.6
GE 14000	14.4	17.3	24.7	28.2	29.9	31.0	34.0	35.5	36.0	37.2	37.8	37.8	37.9	37.9	38.2	39.0
GE 12000	14.5	17.7	25.1	28.5	30.3	31.3	34.3	35.7	36.4	37.6	38.2	38.2	38.3	38.3	38.5	39.3
GE 10000	15.2	18.3	25.9	29.5	31.3	32.3	35.3	37.0	37.7	38.9	39.5	39.5	39.6	39.6	39.8	40.6
GE 9000	15.2	18.3	25.9	29.5	31.3	32.4	35.4	37.1	37.8	39.0	39.6	39.6	39.7	39.7	39.9	40.8
GE 8000	15.3	18.4	26.1	29.6	32.3	33.4	36.4	37.9	38.5	39.7	40.4	41.0	41.0	41.1	41.1	41.3	42.3
GE 7000	15.7	19.2	27.1	31.7	33.8	35.0	38.5	40.4	41.1	42.3	42.9	42.9	43.0	43.0	43.2	44.2
GE 6000	15.9	19.4	27.3	32.7	35.0	37.2	41.2	43.2	43.9	43.9	44.6	44.6	44.8	44.8	45.0	45.9
GE 5000	16.0	20.3	28.7	34.4	36.7	38.9	43.0	44.9	44.6	45.9	46.6	46.6	46.8	46.8	47.0	47.9
GE 4500	16.0	20.6	29.3	34.9	37.2	39.5	43.6	44.4	45.1	46.4	47.1	47.1	47.2	47.2	47.5	48.4
GE 4000	19.0	23.1	32.5	38.9	41.2	43.5	47.7	49.6	49.8	50.9	51.6	51.6	51.7	51.7	51.9	52.9
GE 3500	19.1	23.2	33.2	40.0	42.3	45.2	49.1	50.8	51.4	52.3	53.5	53.5	53.6	53.6	53.8	54.8
GE 3000	21.5	25.6	35.2	42.3	45.7	48.2	52.7	54.6	55.1	55.7	57.5	57.5	57.7	57.7	58.1	59.0
GE 2500	23.1	27.9	37.6	44.4	47.8	50.3	54.1	56.1	57.1	58.1	63.6	64.4	64.4	64.7	64.7	65.0	66.0
GE 2000	24.1	30.4	43.1	51.2	55.4	58.5	63.1	65.2	65.8	67.3	68.7	68.7	68.9	68.9	69.3	70.2
GE 1800	24.4	30.6	43.3	52.4	56.7	59.1	64.1	66.2	66.8	68.3	68.9	69.7	69.7	70.2	70.2	70.6	71.5
GE 1500	25.4	33.1	46.4	56.2	60.9	64.2	69.4	71.6	72.2	74.7	75.6	75.6	76.1	76.1	76.4	77.4
GE 1200	25.7	33.7	47.1	57.2	62.1	65.7	72.2	74.3	75.3	78.2	79.2	79.2	79.6	79.6	80.0	80.9
GE 1000	26.1	34.3	47.9	58.2	63.2	67.1	74.1	77.1	78.3	80.2	81.2	81.2	81.6	81.6	82.0	82.9
GE 900	26.1	34.3	48.1	58.4	63.4	68.7	76.3	79.3	79.9	81.7	82.7	82.7	83.3	83.3	83.6	84.6
GE 800	26.1	34.3	48.3	58.6	63.6	69.4	77.2	80.1	81.5	83.4	84.3	84.3	84.9	84.9	85.3	86.3
GE 700	26.9	36.3	49.6	60.3	65.6	71.7	79.1	82.3	83.2	84.2	85.2	85.2	85.7	85.7	86.1	87.2
GE 600	26.9	36.3	49.7	60.1	65.1	72.2	79.7	82.9	83.8	85.6	86.9	86.9	87.5	87.5	87.9	88.9
GE 500	26.9	36.3	49.7	60.1	65.1	72.2	79.7	82.9	83.8	85.6	87.5	87.5	88.1	88.1	88.5	89.5
GE 400	26.9	36.3	49.7	60.1	65.1	72.2	79.7	82.9	83.8	85.6	88.1	88.1	88.7	88.7	89.2	90.5
GE 300	26.9	36.3	49.7	60.2	65.2	72.4	79.9	83.1	84.0	85.8	88.2	89.9	90.1	90.9	90.9	91.5	92.9
GE 200	26.9	36.3	49.7	60.2	65.2	72.6	79.9	83.1	84.0	85.8	89.3	90.0	90.2	91.3	91.8	92.6	94.5
GE 100	26.9	36.3	49.7	60.2	65.2	72.7	79.9	83.1	84.0	85.8	89.3	90.8	91.0	92.6	93.5	94.7	97.8
GE 000	26.9	36.3	49.7	60.2	65.2	72.7	79.9	83.1	84.0	85.8	89.3	90.8	91.0	92.6	93.5	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 949

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL HOURLY OBSERVATIONS

STATION NUMBER: 34-73 STATION NAME: GREENSBORO, NC PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.1	15.7	22.9	27.4	28.6	30.4	32.2	32.9	33.7	34.5	35.1	35.6	35.7	35.7	35.7	36.6
GE 20000	14.1	15.7	22.9	27.4	28.6	30.4	32.2	32.9	33.7	34.5	35.1	35.6	35.7	35.7	35.7	36.6
GE 18000	14.1	15.7	22.9	27.4	28.6	30.4	32.2	32.9	33.7	34.5	35.1	35.6	35.7	35.7	35.7	36.6
GE 16000	14.1	15.7	22.9	27.4	28.6	30.4	32.2	32.9	33.7	34.5	35.1	35.6	35.7	35.7	35.7	36.6
GE 14000	14.1	15.7	22.9	27.4	28.6	30.4	32.2	33.0	33.8	34.6	35.2	35.7	35.8	35.8	35.8	36.7
GE 12000	14.7	16.3	23.5	28.2	29.3	31.3	33.2	33.9	34.7	35.6	36.2	36.6	36.7	36.7	36.7	37.7
GE 10000	15.2	16.7	24.0	28.6	29.7	31.6	33.4	34.2	35.0	35.9	36.5	36.9	37.0	37.0	37.0	38.0
GE 9000	15.3	16.8	24.1	28.8	30.0	32.0	33.8	34.6	35.4	36.3	36.9	37.3	37.4	37.4	37.4	38.4
GE 8000	15.7	17.1	24.7	29.7	31.0	33.0	34.9	35.8	36.7	37.7	38.4	38.8	38.9	38.9	38.9	39.9
GE 7000	15.7	17.4	25.4	30.4	31.8	34.0	35.8	36.7	37.6	38.7	39.3	39.9	40.0	40.0	40.0	41.0
GE 6000	15.9	17.7	25.7	31.0	32.5	34.7	36.4	37.4	38.4	39.1	39.9	41.0	41.6	42.0	42.2	42.2	42.2	43.1
GE 5000	16.7	18.5	26.7	32.7	34.7	37.2	39.2	40.3	41.3	42.4	43.0	43.5	43.6	43.6	43.6	44.5
GE 4500	17.6	19.6	27.9	33.9	35.9	38.6	40.8	41.7	42.6	43.6	44.2	44.6	44.8	44.8	44.8	45.7
GE 4000	18.3	21.3	30.3	37.3	39.3	42.4	44.6	45.5	46.5	47.6	48.5	49.4	49.8	49.9	49.9	49.9	50.9
GE 3500	19.9	23.0	31.1	38.5	41.2	44.1	46.5	47.5	48.5	49.6	50.5	51.4	51.8	51.9	51.9	51.9	52.9
GE 3000	21.2	24.9	33.9	41.3	44.2	47.	49.7	50.7	51.8	53.1	55.0	56.1	56.5	56.7	56.7	56.7	57.6
GE 2500	23.1	27.4	37.3	45.9	47.2	51.3	54.1	55.1	56.3	57.6	61.0	62.2	63.3	63.7	63.8	63.8	63.8	64.9
GE 2000	24.7	29.3	40.	44.4	53.2	57.4	61.0	62.3	64.0	65.1	66.4	66.9	67.0	67.0	67.0	68.1
GE 1800	24.9	29.1	41.6	53.4	54.7	59.3	62.9	64.3	65.6	66.7	68.0	68.4	68.6	68.6	68.6	69.6
GE 1500	25.4	30.2	43.3	52.6	57.4	61..	65.7	67.6	68.9	70.2	71.5	72.0	72.3	72.3	72.3	73.4
GE 1200	27..	32.7	46..	56.4	61.4	65..	69..	71.5	72.8	74.1	75.5	76.0	76.3	76.3	76.3	77.6
GE 1000	27.9	31.7	44.3	57.2	62.7	66.9	72.1	74.2	75.5	76.9	78.3	78.8	79.2	79.2	79.2	80.4
GE 900	27.9	31.9	46.6	57.7	63.3	67.5	73..	75.6	76.9	78.3	79.3	79.7	80.1	80.1	80.1	81.4
GE 800	27.9	31.9	46.9	58.1	63.7	68.1	74.2	76.3	77.6	79.4	80.8	81.3	81.6	81.6	81.6	82.9
GE 700	27..	31.9	46.9	58.4	64.2	68.7	75..	77.1	78.6	80.5	82.0	82.4	82.8	82.8	82.8	84.1
GE 600	27.9	31.9	47.3	58.9	64.7	69.4	77..	79..	80.3	82.3	84.6	85.0	85.4	85.4	85.4	86.7
GE 500	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2
GE 400	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2
GE 300	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2
GE 200	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2
GE 100	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2
GE 000	27.9	31.9	47.3	59.3	64.7	70.4	77.4	79.4	80.8	82.8	85.1	85.5	85.9	85.9	85.9	87.2

TOTAL NUMBER OF OBSERVATIONS 59

OPERATING LOCATION NEW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL HOURLY OBSERVATIONS

STATION NUMBER: 34 73 STATION NAME: ASHEVILLE/WEAVERVILLE NC
EST TO GTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: FEB HOURS: 06-08

CEILING IN FEET	7	6	5	4	3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE CEIL	12.6	14.5	19.7	22.4	23.9	25.4	27.4	27.5	28.0	28.6	30.4	31.0	31.6	31.6	31.8	32.9
GE 20000	13.1	15.1	20.3	23.0	24.5	26.0	28.0	28.4	28.6	29.2	31.0	31.6	32.2	32.2	32.4	33.6
GE 18000	13.1	15.1	20.3	23.0	24.5	26.0	28.0	28.4	28.6	29.2	31.0	31.6	32.2	32.2	32.4	33.6
GE 16000	13.2	15.2	20.4	23.1	24.6	26.1	28.1	28.5	28.7	29.3	31.1	31.7	32.3	32.3	32.5	33.7
GE 14000	13.7	15.7	21.0	23.8	25.4	27.0	29.0	29.4	29.7	30.3	32.3	32.9	33.5	33.5	33.7	34.9
GE 12000	14.3	16.4	22.1	25.0	26.6	28.3	30.3	30.9	30.9	31.4	33.2	33.8	34.4	34.4	34.6	35.8
GE 11000	14.3	16.4	22.5	25.4	27.3	29.0	31.2	31.7	31.8	32.5	34.3	34.9	35.5	35.5	35.7	36.9
GE 10000	14.5	17.0	23.1	26.1	28.0	29.9	32.1	32.6	32.8	33.5	35.1	35.7	36.3	36.3	36.5	37.7
GE 9000	15.3	17.6	23.9	27.4	29.4	31.3	33.6	33.9	34.2	34.9	36.6	37.2	37.8	37.9	38.2	39.3
GE 8000	15.4	17.7	24.0	27.6	29.6	31.6	33.7	34.3	34.5	35.2	37.0	37.6	38.2	38.3	38.5	39.7
GE 7000	15.5	17.8	24.1	27.8	29.8	32.0	34.0	34.6	34.8	35.5	37.3	37.9	38.5	38.6	38.8	40.0
GE 6000	15.5	17.8	24.1	27.8	29.8	32.0	34.0	34.6	34.8	35.5	37.3	37.9	38.5	38.6	38.8	40.0
GE 5000	16.7	19.0	25.3	29.0	31.2	33.5	35.7	36.3	36.5	37.2	39.0	39.7	41.5	42.0	42.8	43.0	43.2	44.4
GE 4500	17.7	19.9	27.3	31.1	33.4	36.1	38.3	39.2	39.5	40.3	42.2	43.0	43.6	44.3	44.5	44.8	45.9
GE 4000	18.7	21.0	28.4	32.2	34.6	37.3	39.7	40.6	40.9	41.7	43.6	44.5	45.2	47.0	47.6	48.3	48.5	48.8	50.2
GE 3500	19.4	22.1	30.2	34.3	37.0	41.0	43.5	44.5	46.3	46.7	47.6	49.5	50.2	50.9	51.1	51.4	52.8
GE 3000	20.7	23.6	32.2	37.5	41.2	44.9	47.5	48.1	50.5	51.4	53.2	54.1	54.9	55.1	55.4	56.8
GE 2500	22.7	25.7	35.2	41.2	45.5	49.7	52.3	53.2	55.4	56.1	58.7	59.5	60.3	60.5	60.8	62.2
GE 2000	25.5	30.3	40.3	46.9	51.8	55.5	58.2	61.4	62.2	63.3	65.3	66.1	66.9	67.1	67.4	68.8
GE 1800	26.0	31.1	41.4	47.7	53.4	57.1	61.3	63.1	64.0	65.1	67.1	68.0	68.8	69.0	69.3	70.7
GE 1500	26.9	32.2	42.2	49.7	55.2	59.2	63.5	65.3	66.4	67.5	70.2	71.0	72.0	72.2	72.4	73.9
GE 1200	27.1	33.1	43.3	51.5	57.3	61.3	65.6	67.4	68.1	69.0	72.3	73.3	74.1	75.0	75.3	75.5	76.9
GE 1000	27.1	33.2	45.1	53.1	59.1	63.3	67.6	69.4	70.1	72.0	75.3	76.3	77.1	78.1	78.3	78.7	80.1
GE 900	27.1	33.2	45.2	53.2	59.2	63.4	67.7	69.5	70.2	72.1	75.4	76.4	77.2	78.2	78.4	78.8	80.2
GE 800	27.1	33.2	45.2	53.7	59.7	64.2	71.1	73.3	73.4	75.4	77.9	78.7	79.6	79.9	80.2	81.6
GE 700	27.2	33.3	45.5	54.4	60.5	64.9	71.8	73.8	74.3	76.5	79.3	80.1	81.0	81.3	81.6	83.0
GE 600	27.9	33.7	45.7	55.2	61.4	65.7	73.1	75.3	75.8	77.9	81.4	82.3	83.3	83.5	84.0	85.5
GE 500	27.9	34.1	45.7	55.4	61.7	66.1	74.1	76.2	77.7	80.1	83.3	84.3	85.3	85.5	86.0	87.5
GE 400	27.9	34.1	45.9	55.8	62.3	66.7	74.8	77.4	78.5	81.0	84.2	85.3	86.5	86.8	87.3	88.8
GE 300	27.9	34.2	46.1	56.1	62.7	67.2	75.3	77.9	79.3	82.0	85.4	86.5	87.9	88.3	88.8	90.3
GE 200	27.9	34.2	46.1	56.1	62.8	67.3	75.5	78.1	79.6	82.4	86.5	87.5	89.3	90.2	90.9	92.5
GE 150	27.9	34.2	46.1	56.1	62.8	67.3	75.6	78.2	79.8	82.6	87.4	88.5	90.2	91.4	92.3	96.0
GE 100	27.9	34.2	46.1	56.1	62.8	67.3	75.6	78.2	79.8	82.6	87.8	88.9	90.7	91.9	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
SYNOPTIC OBSERVATIONS

STATION NUMBER: 34 73 STATION NAME: RAF SCULTHORPE, UK PERIOD OF RECORD: APR 54 - MAR 64
LST IN USE: - 0 MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.5	14.3	17.2	21.0	22.9	24.3	25.4	26.7	27.2	27.3	28.2	28.2	28.4	28.4	28.4	29.2
GE 20000	13.0	15.2	17.1	22.0	23.9	25.3	27.4	27.8	28.3	28.5	29.7	29.7	29.9	29.9	30.0	30.9
GE 18000	13.0	15.2	18.1	22.0	23.9	25.3	27.4	27.8	28.3	28.5	29.7	29.7	29.9	29.9	30.0	30.9
GE 16000	13.3	15.8	18.7	22.5	24.5	25.9	27.9	28.5	29.0	29.2	30.4	30.4	30.6	30.6	30.7	31.6
GE 14000	13.4	15.9	19.3	22.9	24.9	26.3	28.3	28.9	29.3	29.6	30.7	30.7	31.0	31.0	31.1	31.9
GE 12000	13.5	16.4	19.6	23.3	25.3	26.9	29.2	29.6	30.0	30.3	31.4	31.4	31.7	31.7	31.8	32.6
GE 10000	14.1	17.1	20.1	24.1	26.5	28.2	30.6	31.2	31.4	31.7	32.9	32.9	33.1	33.1	33.2	34.0
GE 9000	14.3	17.3	20.4	24.4	26.7	28.3	30.9	31.3	31.5	32.0	33.2	33.2	33.5	33.5	33.6	34.4
GE 8000	15.2	18.2	22.3	26.7	29.4	31.3	34.3	35.1	35.6	35.9	37.1	37.1	37.3	37.3	37.5	38.3
GE 7000	16.3	19.6	23.8	28.6	31.0	33.2	36.3	37.3	38.3	38.6	39.8	39.8	40.0	40.0	40.2	41.1
GE 6000	16.5	20.4	24.9	29.1	32.3	34.3	37.2	38.6	40.4	40.5	41.9	41.9	42.2	42.2	42.3	43.2
GE 5000	16.8	20.7	25.1	30.2	33.5	36.3	40.2	41.6	42.4	42.8	44.1	44.2	44.6	44.6	44.8	45.7
GE 4500	17.3	21.1	25.3	30.5	33.9	36.7	40.6	42.3	43.7	44.1	45.6	45.7	46.3	46.3	46.4	47.3
GE 4000	18.9	22.5	27.2	32.5	35.9	39.1	43.2	45.0	46.5	46.9	48.4	48.6	49.4	49.6	49.7	50.8
GE 3500	19.3	23.3	28.4	34.5	38.0	41.1	45.5	47.7	48.5	48.9	51.1	51.4	52.1	52.3	52.4	53.6
GE 3000	19.2	24.5	29.9	36.7	40.4	43.5	47.9	50.1	51.1	51.7	53.6	53.8	54.7	54.9	55.0	56.2
GE 2500	20.3	26.1	31.9	39.3	43.1	46.3	51.4	53.5	54.5	55.1	57.0	57.2	58.1	58.3	58.4	59.6
GE 2000	23.1	29.4	36.5	44.3	48.4	51.7	57.4	59.6	60.7	61.4	63.5	63.7	64.5	64.9	65.0	66.2
GE 1800	24.5	30.7	37.9	45.7	49.8	53.1	58.9	61.2	62.3	62.7	64.8	65.0	65.8	66.2	66.3	67.5
GE 1500	26.5	33.0	40.5	48.9	53.2	57.2	63.4	65.8	66.8	67.4	69.5	69.7	70.6	70.9	71.0	72.2
GE 1200	27.8	34.5	41.5	50.4	54.9	59.4	65.1	67.7	69.0	69.8	72.0	72.2	73.0	73.4	73.5	74.7
GE 1000	28.9	35.9	42.9	51.9	56.7	61.2	67.3	70.1	71.5	72.6	74.8	75.1	76.0	76.3	76.4	77.6
GE 900	29.3	36.1	43.5	52.2	57.0	61.7	67.7	70.9	72.3	73.5	75.7	76.1	76.9	77.3	77.4	78.6
GE 800	29.0	36.1	43.6	52.7	57.6	62.4	68.1	72.0	74.0	75.5	78.0	78.4	79.4	79.9	80.0	81.2
GE 700	29.3	36.1	43.6	52.9	57.8	63.1	70.2	74.0	75.5	77.4	80.3	80.8	81.7	82.2	82.3	83.5
GE 600	29.2	36.2	43.9	53.1	58.9	64.2	71.9	75.9	77.4	79.5	82.4	83.0	84.0	84.5	84.6	85.7
GE 500	29.2	36.2	43.9	53.4	59.3	64.4	72.3	77.0	78.9	81.4	84.7	85.3	86.2	86.7	86.8	88.0
GE 400	29.2	36.2	43.9	53.4	59.1	64.7	72.2	77.2	79.7	82.4	86.1	86.7	87.8	88.2	88.3	89.6
GE 300	29.2	36.2	43.9	53.5	59.2	64.9	73.1	78.0	80.3	83.2	87.3	88.0	89.2	89.6	89.8	91.0
GE 200	29.2	36.2	43.9	53.5	59.2	64.9	73.1	78.1	80.7	83.5	88.7	90.0	91.9	92.9	93.4	95.2
GE 100	29.2	36.2	43.9	53.5	59.2	64.9	73.1	78.1	80.7	83.5	88.8	90.3	92.3	93.8	94.2	98.0
GE 000	29.2	36.2	43.9	53.5	59.2	64.9	73.1	78.1	80.7	83.5	88.8	90.3	92.3	93.9	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 699

OPERATING LOCATION NAM
USAFETAC, ASHEVILL NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR HOURLY OBSERVATIONS

STATION NUMBER: 3[illegible]3 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 0 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.2	17.1	20.5	23.6	24.7	25.4	26.7	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.8
GE 20000	14.5	18.0	21.6	24.9	26.0	26.7	28.1	28.6	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.3
GE 18000	14.5	18.1	21.8	25.1	26.3	27.0	28.4	28.7	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.6
GE 16000	14.5	18.3	21.9	25.2	26.4	27.2	28.5	29.0	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.8
GE 14000	14.5	18.5	22.1	25.4	26.6	27.4	29.0	29.4	29.7	29.8	29.9	29.9	29.9	29.9	29.9	30.3
GE 12000	14.7	19.1	23.0	27.2	28.6	29.4	31.1	31.6	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.4
GE 10000	15.1	19.4	23.9	28.6	29.9	31.1	32.7	33.2	33.5	33.7	33.8	33.8	33.8	33.8	33.8	34.2
GE 9000	15.4	19.9	24.4	29.1	30.7	32.2	33.8	34.3	34.6	34.7	34.9	34.9	34.9	34.9	34.9	35.2
GE 8000	16.0	20.5	25.4	30.2	31.9	33.7	35.3	35.9	36.3	36.5	36.6	36.6	36.6	36.6	36.6	37.0
GE 7000	16.4	21.0	26.4	31.9	34.3	36.5	38.6	39.4	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.5
GE 6000	17.1	22.4	27.7	33.0	35.5	37.7	40.3	41.2	41.6	42.0	42.2	42.2	42.2	42.2	42.2	42.5
GE 5000	17.2	22.7	28.5	33.9	36.9	39.5	42.3	43.0	43.3	44.2	44.4	44.4	44.4	44.4	44.4	44.8
GE 4500	17.4	23.1	29.1	34.5	37.6	40.4	43.3	44.2	44.8	45.7	45.9	45.9	45.9	45.9	45.9	46.3
GE 4000	18.1	24.4	30.5	36.7	40.5	43.5	47.1	47.9	48.3	49.1	49.5	49.5	49.5	49.5	49.7	50.2
GE 3500	18.8	25.6	32.4	39.0	42.8	46.9	49.6	50.3	50.6	51.5	51.8	51.8	51.8	51.8	52.1	52.5
GE 3000	20.1	27.2	34.2	41.3	45.1	49.3	51.7	52.9	53.2	54.1	54.4	54.4	54.4	54.4	54.7	55.1
GE 2500	23.2	30.6	38.0	45.6	49.4	53.9	56.4	57.7	58.1	58.9	59.2	59.2	59.2	59.2	59.5	60.0
GE 2000	27.1	35.0	43.2	50.9	55.1	59.1	61.8	63.2	63.5	64.5	65.6	66.0	66.0	66.0	66.2	66.7
GE 1800	27.8	35.9	44.4	52.3	56.7	60.7	63.5	64.9	65.2	66.3	67.4	67.7	67.7	67.7	67.7	68.4
GE 1500	29.4	38.3	47.9	55.9	60.3	64.3	67.3	68.7	69.1	70.2	71.0	72.1	72.4	72.6	72.6	73.3
GE 1200	29.9	39.2	49.4	57.6	62.3	66.1	69.2	70.7	71.1	72.3	73.1	74.7	75.0	75.1	76.4	76.6	76.6	76.6	76.6	76.9	77.3
GE 1000	30.3	39.7	50.3	59.1	64.1	68.7	71.9	73.4	73.8	74.7	75.4	77.7	78.1	78.3	79.6	79.7	79.7	79.7	80.0	80.4
GE 900	30.4	39.8	50.6	59.2	65.0	71.2	74.2	75.8	76.2	77.2	78.2	79.2	80.3	80.7	80.8	80.8	80.8	81.0	81.5
GE 800	30.4	39.9	50.8	59.5	65.6	72.1	75.2	76.9	77.3	78.1	79.2	81.3	82.6	83.4	83.5	83.6	83.6	83.9	84.3
GE 700	30.4	39.9	51.0	59.7	66.0	72.6	75.7	77.5	77.9	78.8	79.9	82.0	83.4	84.5	85.0	85.2	85.3	85.3	85.5	86.0
GE 600	30.4	39.9	51.1	60.1	66.4	73.0	76.2	78.0	78.5	79.4	80.5	82.6	84.0	84.9	85.4	85.6	85.7	86.0	86.2	86.6
GE 500	30.4	40.0	51.4	60.4	67.0	74.0	77.4	79.4	79.9	80.9	82.0	84.2	85.7	86.7	87.5	87.8	87.9	87.9	88.1	88.6
GE 400	30.4	40.0	51.4	60.4	67.2	74.2	77.8	79.8	80.3	81.3	82.4	84.6	86.1	87.1	88.0	88.3	88.4	88.5	88.7	89.1
GE 300	30.4	40.2	51.5	60.7	67.6	74.9	78.6	80.7	81.3	82.3	83.4	85.6	87.1	88.2	89.2	89.5	89.6	89.7	89.9	90.3
GE 200	30.5	40.2	51.5	60.7	67.8	74.9	78.8	80.9	81.5	82.5	83.7	85.9	87.4	88.5	89.5	89.8	89.9	90.0	90.2	90.6
GE 100	30.5	40.2	51.5	60.7	67.8	74.9	78.8	80.9	81.5	82.5	83.7	85.9	87.4	88.5	89.5	89.8	89.9	90.0	90.2	90.6
GE 000	30.5	40.2	51.5	60.7	67.8	74.9	78.8	80.9	81.5	82.5	83.7	85.9	87.4	88.5	89.5	89.8	89.9	90.0	90.2	90.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL HOURLY OBSERVATIONS

STATION NUMBER: 34 73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TIME DIFF: - 0 MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.8	14.7	19.3	22.5	24.4	25.7	26.8	26.0	27.0	27.2	27.3	27.3	27.3	27.4	27.8	28.0
GE 20000	13.4	15.3	20.1	23.6	25.7	27.0	27.9	28.2	28.3	28.5	28.6	28.6	28.6	28.7	29.1	29.3
GE 18000	13.4	15.3	20.1	23.6	25.7	27.0	27.9	28.2	28.3	28.5	28.6	28.6	28.6	28.7	29.1	29.3
GE 16000	13.4	15.3	20.1	23.6	25.7	27.0	27.9	28.2	28.3	28.5	28.6	28.6	28.6	28.7	29.1	29.3
GE 14000	13.4	15.3	20.3	23.7	25.8	27.1	27.9	28.3	28.4	28.6	28.7	28.7	28.7	28.9	29.2	29.4
GE 12000	13.7	15.7	21.2	25.1	27.4	28.9	29.7	30.0	30.2	30.5	30.6	30.6	30.6	30.7	31.1	31.3
GE 10000	13.9	16.0	22.4	26.6	29.0	30.4	31.7	32.2	32.3	32.6	32.7	32.7	32.7	32.9	33.2	33.5
GE 9000	14.1	16.8	23.4	27.7	30.0	31.5	32.8	33.5	33.6	33.9	34.0	34.0	34.0	34.2	34.5	34.7
GE 8000	15.1	17.9	25.0	29.3	31.7	33.2	34.5	35.1	35.2	35.6	35.7	35.7	35.7	35.8	36.2	36.4
GE 7000	15.4	18.5	26.0	31.0	33.6	35.3	37.0	37.6	37.8	38.2	38.3	38.3	38.3	38.4	38.8	39.0
GE 6000	16.0	19.6	27.3	32.7	35.6	37.1	39.2	40.2	40.6	41.0	41.1	41.1	41.1	41.2	41.6	41.8
GE 5000	16.5	20.4	28.6	34.3	38.5	40.2	42.3	43.4	44.3	44.8	44.9	44.9	44.9	45.0	45.3	45.6
GE 4500	16.7	20.5	29.3	35.5	39.2	41.0	43.5	44.6	45.1	45.6	45.7	45.7	45.7	45.8	46.2	46.4
GE 4000	16.9	20.7	29.7	36.3	40.3	42.3	45.3	47.0	49.4	49.8	50.3	50.4	50.4	50.4	50.5	50.9	51.2
GE 3500	17.1	20.8	30.3	37.4	41.6	43.8	46.8	48.4	50.8	51.4	52.8	53.2	53.7	53.8	53.8	53.8	53.9	54.3	54.7
GE 3000	17.3	21.0	30.6	37.9	42.1	44.4	47.4	49.4	51.2	51.8	54.7	56.1	56.6	57.0	57.1	57.1	57.1	57.2	57.6	58.0
GE 2500	17.6	21.4	31.2	38.6	43.0	45.3	48.5	50.7	52.7	53.4	56.7	58.1	58.6	59.1	59.2	59.2	59.2	59.3	59.7	60.1
GE 2000	18.3	22.3	32.8	40.2	44.8	47.3	50.7	53.0	55.1	55.8	59.3	60.9	61.4	61.9	62.0	62.0	62.0	62.1	62.5	62.9
GE 1800	18.5	22.7	33.4	41.0	45.7	48.2	51.7	54.0	56.2	56.9	60.5	62.1	62.6	63.1	63.2	63.2	63.2	63.3	63.7	64.1
GE 1700	18.6	22.8	33.6	41.2	45.9	48.4	51.9	54.2	56.4	57.1	60.7	62.3	62.8	63.3	63.4	63.4	63.4	63.5	63.9	64.3
GE 1600	18.7	23.0	33.9	41.6	46.3	48.8	52.3	54.6	56.8	57.5	61.1	62.7	63.2	63.7	63.8	63.8	63.8	63.9	64.3	64.7
GE 1500	19.0	23.3	34.3	42.1	46.8	49.3	52.8	55.1	57.3	58.0	61.6	63.2	63.7	64.2	64.3	64.3	64.3	64.4	64.8	65.2
GE 1400	19.2	23.6	34.7	42.6	47.3	49.8	53.3	55.6	57.8	58.5	62.1	63.7	64.2	64.7	64.8	64.8	64.8	64.9	65.3	65.7
GE 1300	19.4	23.8	35.0	43.0	47.7	50.2	53.7	56.0	58.2	58.9	62.5	64.1	64.6	65.1	65.2	65.2	65.2	65.3	65.7	66.1
GE 1200	19.6	24.1	35.4	43.4	48.1	50.6	54.1	56.4	58.6	59.3	62.9	64.5	65.0	65.5	65.6	65.6	65.6	65.7	66.1	66.5
GE 1100	19.8	24.3	35.7	43.8	48.5	51.0	54.5	56.8	59.0	59.7	63.3	64.9	65.4	65.9	66.0	66.0	66.0	66.1	66.5	66.9
GE 1000	20.0	24.5	36.0	44.2	48.9	51.4	54.9	57.2	59.4	60.1	63.7	65.3	65.8	66.3	66.4	66.4	66.4	66.5	66.9	67.3
GE 900	20.4	24.9	36.5	44.8	49.6	52.1	55.6	58.0	60.2	60.9	64.5	66.1	66.6	67.1	67.2	67.2	67.2	67.3	67.7	68.1
GE 800	20.5	25.2	36.9	45.3	50.1	52.6	56.2	58.6	60.8	61.5	65.1	66.7	67.2	67.7	67.8	67.8	67.8	67.9	68.3	68.7
GE 700	20.5	25.2	37.2	45.8	50.6	53.1	56.7	59.1	61.3	62.0	65.6	67.2	67.7	68.2	68.3	68.3	68.3	68.4	68.8	69.2
GE 600	20.7	25.4	37.5	46.1	50.9	53.4	57.0	59.4	61.6	62.3	65.9	67.5	68.0	68.5	68.6	68.6	68.6	68.7	69.1	69.5
GE 500	20.9	25.6	37.8	46.4	51.2	53.7	57.3	59.7	61.9	62.6	66.2	67.8	68.3	68.8	68.9	68.9	68.9	69.0	69.4	69.8
GE 400	21.0	25.8	38.1	46.7	51.5	54.0	57.6	60.0	62.2	62.9	66.5	68.1	68.6	69.1	69.2	69.2	69.2	69.3	69.7	70.1
GE 300	21.0	25.8	38.2	46.8	51.7	54.2	57.8	60.2	62.4	63.1	66.7	68.3	68.8	69.3	69.4	69.4	69.4	69.5	69.9	70.3
GE 200	21.0	25.8	38.2	46.8	51.7	54.2	57.8	60.2	62.4	63.1	66.7	68.3	68.8	69.3	69.4	69.4	69.4	69.5	69.9	70.3
GE 100	21.0	25.8	38.2	46.8	51.7	54.2	57.8	60.2	62.4	63.1	66.7	68.3	68.8	69.3	69.4	69.4	69.4	69.5	69.9	70.3
GE 000	21.0	25.8	38.2	46.8	51.7	54.2	57.8	60.2	62.4	63.1	66.7	68.3	68.8	69.3	69.4	69.4	69.4	69.5	69.9	70.3

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — 3 HR SUPPLY OBSERVATIONS

STATION NUMBER: 03472 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	12.3	16.1	21.4	26.0	28.3	30.0	32.7	32.7	32.9	33.0	33.5	33.8	33.8	33.9	33.9	34.3
GE 20000	13.3	17.1	22.6	27.5	29.8	31.5	33.7	34.4	34.5	34.6	35.1	35.5	35.5	35.6	35.6	35.9
GE 18000	13.3	17.1	22.7	27.3	31.2	31.3	34.3	34.7	34.9	35.0	35.5	35.8	35.8	35.9	35.9	36.3
GE 16000	13.3	17.1	22.7	27.3	31.2	31.3	34.3	34.7	34.9	35.0	35.5	35.8	35.8	35.9	35.9	36.3
GE 14000	13.5	17.3	23.1	28.3	30.5	32.3	34.4	35.1	35.2	35.3	35.8	36.2	36.2	36.3	36.3	36.6
GE 12000	13.5	17.3	23.2	28.7	31.0	32.9	35.3	35.7	35.8	35.9	36.4	36.7	36.7	36.9	36.9	37.2
GE 10000	13.5	17.4	23.4	29.3	31.8	33.7	36.1	36.7	36.9	37.0	37.5	37.8	37.8	37.9	37.9	38.3
GE 9000	13.5	17.4	23.4	29.4	31.9	33.8	36.2	36.9	37.0	37.1	37.6	37.9	37.9	38.0	38.0	38.4
GE 8000	14.0	18.0	24.0	31.1	33.8	35.7	38.3	39.1	39.2	39.3	39.8	40.2	40.2	40.3	40.3	40.6
GE 7000	14.3	19.1	25.2	31.7	34.7	36.7	39.5	40.4	40.5	40.6	41.1	41.5	41.5	41.6	41.6	41.9
GE 6000	15.0	19.4	26.1	33.1	36.3	38.4	41.5	42.5	43.0	43.1	43.6	43.9	43.9	44.1	44.1	44.4
GE 5000	16.1	21.2	28.9	36.3	39.6	41.7	45.2	46.4	46.8	46.9	47.3	47.7	47.7	47.8	47.8	48.2
GE 4500	16.4	21.4	29.1	36.6	40.3	42.4	45.7	47.2	47.6	47.7	48.2	48.5	48.5	48.6	48.6	49.0
GE 4000	17.6	23.4	31.1	40.7	45.0	47.5	51.7	52.7	52.9	53.1	53.6	53.9	53.9	54.1	54.1	54.4
GE 3500	17.6	24.1	32.3	43.1	47.2	49.7	53.6	55.1	55.4	55.6	56.2	56.5	56.5	56.7	56.7	57.0
GE 3000	18.3	25.1	33.7	45.5	49.8	52.9	56.9	58.4	58.8	59.2	59.8	60.3	60.3	60.4	60.4	60.8
GE 2500	20.8	27.1	37.3	51.3	55.8	58.9	63.4	65.2	65.5	67.0	67.6	68.1	68.1	68.2	68.2	68.6
GE 2000	21.4	28.7	40.5	55.1	59.8	64.7	69.3	71.3	71.6	72.1	72.8	73.3	73.3	73.4	73.4	73.7
GE 1800	21.6	29.0	41.0	56.3	62.1	66.4	71.1	73.1	73.5	74.0	74.7	75.1	75.1	75.3	75.3	75.6
GE 1500	22.1	29.4	41.7	56.3	64.4	68.8	74.0	76.0	77.0	77.5	78.2	78.7	78.7	78.8	78.8	79.2
GE 1200	22.7	30.3	42.5	59.7	66.1	70.9	77.1	79.3	80.4	80.9	81.6	82.1	82.1	82.2	82.2	82.6
GE 1000	22.9	30.4	42.6	60.2	67.0	72.1	78.3	80.9	82.4	82.9	83.9	84.3	84.3	84.5	84.5	84.9
GE 900	22.9	30.4	42.6	60.3	67.1	72.2	78.4	81.2	82.7	83.3	84.2	84.7	84.7	84.8	84.8	85.3
GE 800	22.9	30.4	42.6	60.5	67.4	72.5	78.9	81.9	83.4	84.1	85.0	85.5	85.5	85.6	85.6	86.1
GE 700	22.9	30.4	42.6	60.7	67.7	73.1	80.0	83.0	84.6	85.3	86.5	86.9	86.9	87.0	87.0	87.5
GE 600	22.9	30.4	42.6	61.2	68.4	74.2	81.5	84.6	86.1	87.3	89.3	90.0	90.0	90.1	90.1	90.6
GE 500	22.9	30.4	42.8	61.7	69.4	74.9	82.2	85.7	87.4	88.0	91.3	92.0	92.1	92.2	92.2	92.7
GE 400	22.9	30.4	42.8	61.7	69.4	75.3	82.7	86.2	88.1	89.1	92.6	93.3	93.5	93.9	93.9	94.3
GE 300	22.9	30.4	42.8	62.1	69.8	75.6	83.2	86.8	88.8	91.5	94.0	94.8	95.3	95.6	95.6	96.1
GE 200	22.9	30.4	42.8	62.1	70.0	76.0	84.2	88.0	90.0	92.7	95.2	96.2	96.8	97.4	97.9	98.7
GE 100	22.9	30.4	42.8	62.1	70.0	76.0	84.2	88.0	90.0	92.9	95.4	96.5	97.1	98.0	98.5	99.5
GE 000	22.9	30.4	42.8	62.1	70.2	76.0	84.2	88.0	90.0	92.9	95.4	96.5	97.1	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34773 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST IN UTC: + 0 MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.5	19.4	25.1	28.7	30.3	32.5	35.1	35.3	36.5	37.1	37.3	37.3	37.9	38.0	38.0	39.1
GE 20000	16.5	19.4	25.5	29.2	30.7	33.2	35.4	35.9	37.1	37.7	37.9	37.9	38.5	38.6	38.6	39.7
GE 18000	16.5	19.6	25.5	29.2	31.7	33.3	35.3	35.9	37.1	37.7	37.9	37.9	38.5	38.6	38.6	39.7
GE 16000	16.5	19.6	25.6	29.2	30.7	33.3	35.3	35.9	37.1	37.7	37.9	37.9	38.5	38.6	38.6	39.7
GE 14000	16.7	19..	25.8	29.4	31.5	33.8	36.2	37.5	37.7	38.3	38.5	38.5	39.1	39.2	39.2	40.3
GE 12000	17.0	20.1	26.4	30.3	31..	34.2	37.7	38.3	38.5	39.1	39.3	39.3	39.9	40.0	40.0	41.1
GE 10000	17.2	20.5	26.9	31.1	32.7	35.1	38.6	39.2	39.5	40.0	40.3	40.3	40.9	41.0	41.0	42.0
GE 9000	17.3	20.7	27.0	31.2	32.9	36.3	39.2	39.8	40.0	40.6	40.9	40.9	41.5	41.6	41.6	42.6
GE 8000	17.3	21..	27.3	31.7	33..	36.7	40.2	40.9	41.2	43.8	44.1	44.1	44.6	44.8	44.8	45.8
GE 7000	17.7	22.5	29.4	34.9	37.0	39.7	43.9	44.6	45.0	45.6	45.8	45.8	46.4	46.5	46.5	47.6
GE 6000	18.7	22.5	28.7	35..	37.2	40.0	44.1	45.1	45.5	46.5	47.1	47.3	47.9	48.1	48.1	49.1
GE 5000	19.7	23.6	31.0	37.4	40.3	43.1	47.3	47.9	48.3	49.2	49.5	49.5	50.1	50.2	50.2	51.2
GE 4500	19.7	23.6	31.0	38.3	40.6	43.3	47.5	48.3	48.3	49.3	49.6	49.8	50.4	50.5	50.5	51.6
GE 4000	20.5	25.1	32.7	41.5	43.9	46.9	51.4	52.2	52.3	53.5	53.8	53.8	54.4	54.5	54.5	55.6
GE 3500	20.7	25.2	33.3	42.8	45.1	48.1	53.3	53.6	54.4	55.0	55.2	55.2	55.8	55.9	55.9	57.0
GE 3000	22.1	27.2	35.3	45.1	48..	51..	56.7	57..	58.9	59.5	60.0	60.0	60.5	60.7	60.7	61.7
GE 2500	24.7	30.3	40.5	51.5	55.3	59..	65.7	66.3	66.9	67.0	67.5	67.5	68.1	68.2	68.2	69.3
GE 2000	26..	33..	43.8	56.4	61.0	65.3	72.5	73.1	73.5	73.8	74.3	74.3	74.9	75.0	75.0	76.1
GE 1800	26.5	33.8	44..	57.1	61.7	66.3	73..	73.8	74.2	74.5	75.0	75.0	75.6	75.7	75.7	76.9
GE 1500	27.3	34.4	45.0	57.7	61.6	66.5	73.4	74.4	74.9	75.3	75.8	76.8	76.8	77.4	77.5	78.7
GE 1200	28.3	35..	46..	60.2	64.3	69.6	76.3	77.1	77.2	80.0	80.4	80.4	81.0	81.2	81.2	82.3
GE 1000	28.5	36..	47.2	61.1	65.3	70.7	77..	78..	78.1	81.4	82.2	82.7	82.7	83.3	83.4	84.6
GE 900	29..	36.8	47.3	61.2	65.4	70.8	77.1	78.2	78.7	81.7	82.7	83.2	83.2	83.7	83.9	85.0
GE 800	29.5	36.9	47.3	61..	65.9	71.4	77..	78..	79..	82.0	84.0	84.5	84.5	85.0	85.2	86.3
GE 700	29.6	36.8	47.3	62.2	66.2	72.3	78.7	79.7	80.2	83.7	85.0	85.5	85.5	86.1	86.2	87.4
GE 600	29.6	36.9	47.3	62.1	66..	72.2	78..	79..	80.1	83.6	86.5	87.3	87.3	87.9	88.0	89.2
GE 500	29..	37..	47.5	62.2	66..	72.3	78..	79..	80.4	83.7	86.7	89.5	89.5	90.2	90.3	91.5
GE 400	29.6	36.9	47.5	62.3	66.2	72.3	78.5	79.5	80.2	83.8	86.8	91.5	91.5	92.2	92.3	93.5
GE 300	29..	36.9	47.5	62.4	66.9	73.5	79..	80..	80.7	84.5	87.5	92.9	92.9	93.8	93.9	95.1
GE 200	29.6	36.9	47.5	62.3	66.9	73.4	80.2	81.2	81.9	85.5	88.6	94.0	94.2	95.2	95.4	96.9
GE 100	29.6	36.9	47.5	62.3	66.9	73.5	80..	81.2	81.9	85.6	88.7	94.2	94.5	95.5	95.8	96.1	98.7
GE 0	29.6	36.9	47.5	62.3	66.9	73.5	80.2	81.2	81.9	85.6	88.7	94.2	94.5	95.5	95.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 54

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — ALL HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.7	19.1	21.8	24.9	29.3	30.9	33.1	30.3	31.0	31.4	32.0	32.2	32.4	32.4	32.5	33.2
GE 20000	14.3	19.6	22.0	25.7	27.4	29.3	33.2	31.4	31.8	32.3	32.9	33.1	33.3	33.4	33.5	34.2
GE 18000	14.3	19.7	22.0	25.8	27.5	29.4	31.3	31.6	31.9	32.4	33.1	33.2	33.4	33.5	33.6	34.3
GE 16000	14.1	19.6	22.1	25.9	27.6	29.5	31.7	31.7	32.1	32.6	33.2	33.4	33.6	33.6	33.7	34.5
GE 14000	14.2	19.7	22.4	26.2	27.9	29.8	31.8	32.2	32.5	33.0	33.6	33.8	34.0	34.1	34.2	34.9
GE 12000	14.5	17.3	23.3	27.0	28.8	30.4	32.5	33.2	33.5	34.0	34.7	34.8	35.1	35.1	35.2	35.9
GE 10000	14.6	17.7	23.5	27.7	29.6	31.3	33.4	34.4	34.7	35.4	36.0	36.2	36.4	36.4	36.5	37.3
GE 9000	15.0	18.0	24.3	28.3	30.2	32.0	34.4	35.3	35.6	36.3	36.9	36.7	37.0	37.0	37.1	37.8
GE 8000	15.7	19.3	25.1	29.3	31.3	33.3	35.6	37.1	37.5	38.1	38.7	38.9	39.1	39.1	39.3	40.0
GE 7000	15.1	19.5	25.3	30.3	32.2	34.4	36.1	38.3	38.9	39.4	40.3	40.6	40.8	41.0	41.1	41.2	41.9
GE 6000	15.4	19.7	25.7	30.1	33.1	34.7	36.9	38.7	40.1	41.4	42.3	42.6	42.8	43.0	43.1	43.2	43.9
GE 5000	17.1	22.4	28.1	33.3	35.7	37.4	39.2	41.2	42.3	43.1	44.5	45.2	45.3	45.6	45.7	45.8	46.5
GE 4500	17.3	21.2	28.6	34.4	37.4	39.3	43.1	44.2	44.8	45.5	46.2	46.4	46.6	46.7	46.8	47.6
GE 4000	17.7	23.0	30.7	37.3	40.1	42.3	46.1	47.1	47.4	48.0	49.7	50.5	50.7	50.9	51.0	51.2	52.0
GE 3500	19.2	24.1	32.6	39.4	42.8	45.2	48.2	49.2	49.8	50.3	51.3	52.0	52.8	53.0	53.3	53.4	53.6	54.4
GE 3000	20.4	26.4	34.2	42.3	45.3	47.5	51.2	52.4	53.1	53.8	55.6	56.5	56.7	57.0	57.1	57.3	58.1
GE 2500	22.6	29.3	38.1	46.3	51.0	54.1	58.1	59.2	59.7	60.7	61.4	62.5	62.7	63.1	63.2	63.3	64.2
GE 2000	24.1	31.1	41.3	51.0	55.3	59.4	63.2	64.2	65.2	66.3	66.9	67.9	68.2	68.5	68.6	68.8	69.6
GE 1800	27.3	31.6	42.4	52.3	56.7	60.4	64.3	65.7	66.5	67.5	68.4	69.4	69.7	70.0	70.2	70.3	71.2
GE 1500	26.4	33.1	44.3	54.5	59.7	63.7	68.1	69.3	70.5	71.5	72.3	73.7	73.9	74.4	74.5	74.6	75.5
GE 1200	27.3	34.3	46.1	56.5	61.9	66.4	71.3	72.1	73.3	74.2	75.3	76.2	77.3	77.6	78.0	78.1	78.3	79.2
GE 1000	27.5	34.5	46.7	57.1	63.4	67.1	72.1	73.1	74.3	75.3	76.8	80.0	80.3	80.7	80.8	81.0	81.9
GE 900	27.5	36.3	48.3	59.3	65.3	69.2	74.3	75.4	76.4	77.5	78.8	80.8	81.1	81.5	81.7	81.9	82.8
GE 800	27.5	34.5	46.9	57.4	64.4	68.4	73.4	74.5	75.5	76.5	77.8	81.3	82.6	82.9	83.4	83.5	83.7	84.6
GE 700	27.5	34.7	47.3	57.6	64.7	68.9	74.7	75.9	77.0	78.0	79.2	82.7	84.0	84.4	84.8	85.0	85.2	86.1
GE 600	27.5	34.7	47.2	57.7	64.8	69.3	75.4	77.4	78.5	79.7	81.0	84.5	86.2	86.6	87.0	87.2	87.4	88.3
GE 500	27.5	34.8	47.3	57.8	65.2	69.5	75.1	77.1	78.3	79.7	81.0	84.3	86.1	88.5	89.0	89.2	89.4	90.3
GE 400	27.5	34.8	47.3	57.8	65.3	69.5	75.1	77.2	78.3	79.7	81.0	84.3	86.1	89.3	89.8	90.4	90.6	90.8	91.8
GE 300	27.5	34.8	47.4	57.9	65.5	69.6	75.1	77.2	78.4	79.8	81.1	84.4	86.2	90.6	91.2	92.0	92.3	92.5	93.5
GE 200	27.6	34.8	47.4	57.9	65.6	69.8	75.1	77.2	78.4	79.8	81.1	84.5	86.3	91.5	92.3	93.3	93.9	94.6	95.9
GE 100	27.6	34.8	47.4	57.9	65.6	69.8	75.1	77.2	78.4	79.8	81.1	84.5	86.3	91.9	92.8	94.0	94.9	95.7	98.2
GE 000	27.6	34.8	47.4	57.9	65.6	69.8	75.1	77.2	78.4	79.8	81.1	84.5	86.3	92.0	92.9	94.0	95.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9792

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL WEATHER OBSERVATIONS

STATION NUMBER: 44[illegible] STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 5 MONTH: MAR HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES															
In FEET	1	2	3	4	5	2 1/2	2	1 1/2	1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.3	21.4	24.5	36.5	44.5	45.9	45.1	48.1	48.9	44.2	44.5	44.7	44.8	44.8	44.8	44.9
20000	14.3	21.7	24.5	37.1	40.3	41.3	42.1	43.1	44.0	44.5	45.2	45.4	45.5	45.5	45.5	45.6
15000	14.3	21.7	24.8	37.3	40.8	41.8	43.1	44.0	44.9	44.5	45.2	45.4	45.5	45.5	45.5	45.6
10000	14.3	21.	24.7	37.1	40.1	41.4	42.3	43.3	44.2	44.2	45.2	45.5	45.7	45.8	45.8	45.9
9000	14.3	22.2	25.3	37.8	40.8	41.7	42.8	43.8	44.7	45.7	46.0	46.2	46.3	46.3	46.3	46.5
8000	14.4	22.2	25.3	37.9	41.0	42.0	43.1	44.1	45.1	46.3	46.6	46.7	46.7	46.7	46.7	46.8
7000	14.5	22.5	25.6	38.3	41.3	42.3	43.4	44.4	45.4	46.6	46.9	47.2	47.4	47.5	47.5	47.6
6000	14.5	23.1	26.2	39.0	42.0	43.0	44.2	45.2	46.2	47.4	47.6	47.7	47.7	47.7	47.7	47.8
5000	14.6	23.4	26.7	40.0	43.2	44.2	45.4	46.4	47.4	48.5	48.8	48.9	48.9	48.9	48.9	49.0
4500	14.6	23.5	26.8	40.2	43.4	44.4	45.6	46.7	47.7	48.8	49.1	49.2	49.3	49.3	49.3	49.4
4000	14.6	23.6	26.9	40.3	43.5	44.5	45.7	46.8	47.8	48.9	49.2	49.3	49.4	49.4	49.4	49.5
3500	14.6	23.7	27.1	40.4	43.6	44.6	45.8	46.9	47.9	49.0	49.3	49.4	49.5	49.5	49.5	49.6
3000	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2900	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2800	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2700	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2600	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2500	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2400	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2300	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2200	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2100	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
2000	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1900	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1800	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1700	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1600	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1500	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1400	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1300	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1200	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1100	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
1000	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
900	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
800	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
700	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
600	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
500	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
400	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
300	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
200	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
100	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7
000	14.6	23.8	27.2	40.5	43.7	44.7	45.9	47.0	48.0	49.1	49.4	49.5	49.6	49.6	49.6	49.7

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
HOURLY OBSERVATIONS

STATION NUMBER: 34 73 STATION NAME: RAF SCULTHORPE
EST TO GMT: + 0

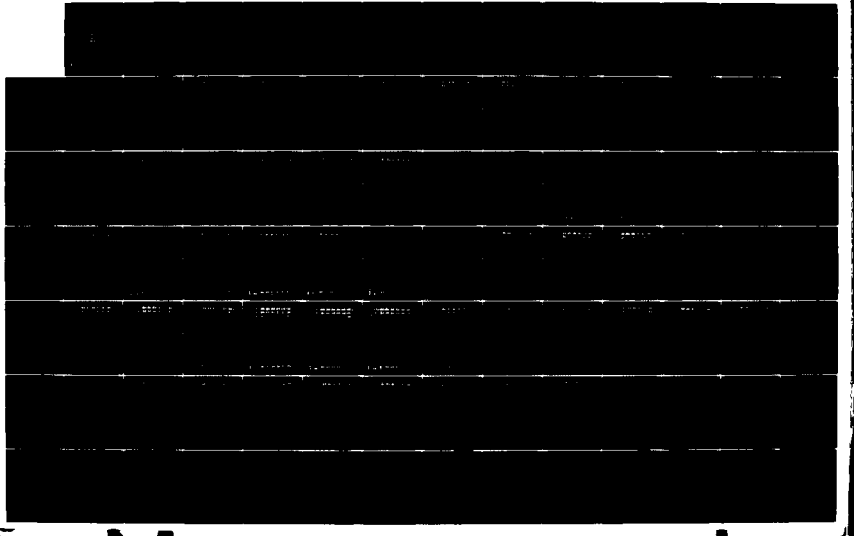
PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAR HOURS: 03-05

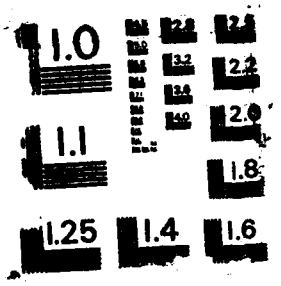
CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.0	17.2	24.0	31.9	35.7	37.9	40.1	41.0	41.1	41.5	41.9	42.2	42.3	42.6	42.7	43.8
GE 20000	13.7	17.9	25.2	32.6	36.4	38.7	41.1	41.9	41.7	42.2	42.6	42.8	42.9	43.2	43.3	44.4
GE 14000	13.7	17.9	25.2	32.6	36.4	38.7	41.1	41.9	41.7	42.2	42.6	42.8	42.9	43.2	43.3	44.4
GE 10000	13.7	17.9	25.2	32.6	36.4	38.7	41.1	41.9	41.7	42.2	42.6	42.8	42.9	43.2	43.3	44.4
GE 7000	14.0	17.9	25.2	32.7	36.5	38.8	41.2	41.9	41.9	42.4	42.8	43.0	43.1	43.4	43.5	44.6
GE 5000	14.0	17.9	25.4	32.9	36.8	39.1	41.6	42.3	42.3	42.8	43.2	43.4	43.5	43.8	43.9	45.0
GE 3000	14.2	18.1	25.6	33.1	37.0	39.3	41.8	42.5	42.5	43.0	43.4	43.6	43.7	44.0	44.1	45.2
GE 2000	14.2	18.1	25.6	33.2	37.4	39.8	42.3	43.0	43.0	43.5	43.9	44.1	44.2	44.5	44.7	45.8
GE 1500	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 1000	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 700	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 500	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 300	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 200	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 100	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2
GE 0	14.2	18.1	25.7	33.4	37.6	40.1	42.7	43.4	43.4	43.9	44.3	44.5	44.6	44.9	45.1	46.2

TOTAL NUMBER OF OBSERVATIONS 736

AD-A209 093 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RAF SCULTHORPE UNITED KINGDOM(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL APR 89 3/4

UNCLASSIFIED USAFETAC/DS-89/202 F/G 4/2 NL




1.0
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.6	9.6	12.9	17.1	20.5	22.4	24.8	26.2	27.2	29.1	31.1	31.1	31.1	31.4	31.6	33.2
GE 20000	6.7	9.8	13.2	18.1	21.6	23.5	26.1	27.7	28.7	30.6	32.8	32.8	32.8	33.1	33.3	34.9
GE 18000	6.7	9.8	13.2	18.1	21.6	23.5	26.1	27.7	28.7	30.6	32.8	32.8	32.8	33.1	33.3	34.9
GE 16000	6.8	9.9	13.3	18.2	21.7	23.7	26.3	28.0	28.9	31.0	33.1	33.1	33.1	33.4	33.7	35.3
GE 14000	7.0	10.1	13.5	18.7	22.3	24.2	26.9	28.5	29.5	31.5	33.7	33.7	33.7	34.0	34.2	35.8
GE 12000	7.4	10.6	14.1	19.5	23.0	24.9	27.6	29.2	30.2	32.3	34.4	34.4	34.4	34.7	35.1	36.7
GE 10000	7.8	11.1	14.8	20.4	24.3	26.2	29.0	30.6	31.6	33.8	36.0	36.0	36.1	36.5	36.8	38.4
GE 9000	7.8	11.1	15.3	20.9	24.8	26.8	29.6	31.2	32.2	34.3	36.6	36.6	36.7	37.0	37.3	38.9
GE 8000	8.9	12.5	17.2	23.1	27.4	29.5	32.4	34.2	35.2	37.4	39.7	39.7	39.8	40.1	40.4	42.0
GE 7000	9.2	13.0	17.7	23.8	28.3	30.3	33.2	35.2	36.1	38.5	40.8	40.8	40.9	41.2	41.5	43.1
GE 6000	9.2	13.0	17.7	23.9	28.9	31.2	34.6	36.6	37.6	40.0	42.5	42.5	42.6	42.9	43.2	44.8
GE 5000	9.5	13.2	18.2	24.3	29.7	32.2	35.6	37.7	38.8	41.4	44.0	44.0	44.1	44.4	44.7	46.3
GE 4500	9.9	13.7	18.7	24.8	30.3	32.8	36.5	38.5	39.6	42.3	44.8	44.8	44.9	45.3	45.6	47.2
GE 4000	11.1	14.9	20.4	27.6	33.3	35.9	39.9	42.3	43.5	46.2	49.1	49.1	49.2	49.6	49.9	51.5
GE 3500	12.7	16.7	22.6	30.6	36.7	39.4	43.7	46.2	47.6	50.3	53.3	53.3	53.4	53.8	54.1	55.8
GE 3000	14.9	19.0	25.5	33.9	40.0	42.8	47.1	49.7	51.1	53.8	56.8	56.9	57.0	57.3	57.7	59.5
GE 2500	17.5	21.9	29.8	38.9	45.2	48.0	52.3	54.9	56.3	59.0	62.0	62.3	62.5	62.9	63.3	65.1
GE 2000	19.7	24.7	33.0	42.6	49.0	51.8	56.3	59.0	60.4	63.2	66.2	66.5	66.7	67.1	67.5	69.2
GE 1800	20.0	25.4	34.4	44.5	51.3	54.2	58.7	61.4	62.8	65.6	68.6	68.8	69.0	69.5	69.9	71.6
GE 1500	20.6	26.6	36.0	46.7	54.0	57.1	61.8	64.8	66.3	69.1	72.2	72.5	72.7	73.1	73.5	75.3
GE 1200	21.5	28.0	37.8	48.9	56.9	60.3	65.3	68.3	69.8	72.8	75.8	76.1	76.3	76.8	77.3	79.0
GE 1000	22.0	28.9	39.0	50.3	58.8	62.4	67.4	70.4	71.9	75.2	78.2	78.5	78.7	79.1	79.7	81.4
GE 900	22.2	29.0	39.1	50.5	59.0	62.6	67.6	70.6	72.2	75.4	78.5	78.8	79.0	79.5	80.0	81.7
GE 800	22.5	29.6	39.8	51.5	60.4	64.0	69.1	72.4	73.9	77.1	80.2	80.5	80.8	81.2	81.7	83.4
GE 700	22.5	29.6	39.9	51.7	60.8	64.5	69.9	73.1	74.7	78.1	81.2	81.6	81.8	82.3	82.8	84.6
GE 600	22.5	29.6	40.0	51.8	61.1	64.9	70.5	74.0	75.9	79.2	82.4	82.8	83.0	83.4	84.0	85.8
GE 500	22.5	29.7	40.1	52.0	61.8	65.7	71.4	75.4	77.5	81.0	84.3	84.8	85.2	85.6	86.1	88.0
GE 400	22.5	29.7	40.1	52.0	61.9	66.0	72.0	76.1	78.4	82.0	86.0	86.6	86.9	87.3	87.8	89.7
GE 300	22.5	29.7	40.1	52.3	62.2	66.3	72.4	76.8	79.2	83.7	88.2	88.8	89.5	90.0	90.9	92.7
GE 200	22.5	29.7	40.1	52.3	62.3	66.3	72.5	76.9	79.4	83.9	89.1	89.9	91.1	92.0	93.3	95.2
GE 100	22.5	29.7	40.1	52.3	62.4	66.5	72.6	77.0	79.5	84.0	89.5	90.2	91.6	92.7	94.1	98.5
GE 000	22.5	29.7	40.1	52.3	62.4	66.5	72.6	77.0	79.5	84.0	89.5	90.2	91.6	92.7	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.3	12.5	16.0	20.5	23.2	25.3	28.1	29.6	30.1	30.5	31.0	31.1	31.1	31.1	31.2	31.4
GE 20000	10.8	13.0	16.9	21.7	24.7	26.9	29.9	31.4	32.0	32.7	33.1	33.2	33.2	33.2	33.3	33.5
GE 18000	10.9	13.1	17.0	21.9	25.1	27.4	30.4	32.0	32.7	33.3	33.8	33.9	33.9	33.9	34.0	34.2
GE 16000	10.9	13.2	17.2	22.2	25.3	27.6	30.6	32.3	32.9	33.5	34.0	34.1	34.1	34.1	34.2	34.4
GE 14000	11.2	13.5	17.5	22.6	25.9	28.3	31.4	33.0	33.7	34.3	34.7	34.8	34.8	34.8	34.9	35.2
GE 12000	11.9	14.7	18.8	24.2	27.5	29.9	33.0	34.6	35.3	35.9	36.3	36.5	36.5	36.5	36.6	36.8
GE 10000	12.6	15.4	19.7	25.2	28.6	31.1	34.5	36.2	36.9	37.5	38.0	38.2	38.2	38.2	38.3	38.5
GE 9000	13.2	16.0	20.3	25.8	29.4	31.9	35.5	37.2	37.8	38.5	38.9	39.1	39.1	39.1	39.2	39.5
GE 8000	13.9	16.8	21.4	27.2	30.8	33.3	36.9	38.6	39.2	39.9	40.3	40.5	40.5	40.5	40.6	40.9
GE 7000	14.1	17.2	22.2	28.1	31.7	34.4	38.0	39.8	40.4	41.1	41.5	41.7	41.7	41.7	41.8	42.0
GE 6000	14.3	17.5	22.8	29.0	33.1	35.9	39.6	41.4	42.0	42.8	43.2	43.4	43.4	43.4	43.5	43.8
GE 5000	15.2	18.9	24.3	31.0	35.3	38.1	41.7	43.7	44.6	45.4	45.9	46.1	46.1	46.1	46.2	46.5
GE 4500	15.4	19.1	24.7	31.6	36.0	38.9	42.6	44.5	45.5	46.2	46.8	47.0	47.0	47.0	47.1	47.3
GE 4000	16.6	20.6	26.5	33.8	38.3	41.2	44.9	46.9	47.8	48.8	49.5	49.7	49.7	49.7	49.8	50.0
GE 3500	17.5	21.9	28.1	36.0	40.8	43.8	47.7	49.7	50.6	51.8	52.6	52.8	52.8	52.8	52.9	53.1
GE 3000	18.6	23.2	29.4	37.6	42.4	45.5	49.9	51.8	52.8	54.0	54.8	55.1	55.1	55.1	55.2	55.4
GE 2500	21.8	27.2	33.7	42.3	47.2	50.3	54.7	56.7	57.7	59.1	60.2	60.5	60.5	60.5	60.6	60.9
GE 2000	23.3	29.4	37.0	46.7	51.9	55.2	59.7	61.9	63.1	64.5	65.8	66.1	66.2	66.2	66.3	66.6
GE 1800	24.4	30.8	38.7	48.7	54.7	58.1	62.8	64.8	66.0	67.4	68.7	69.0	69.1	69.1	69.2	69.5
GE 1500	26.7	33.7	42.5	54.0	60.2	63.9	68.9	71.0	72.2	73.7	74.9	75.3	75.4	75.4	75.5	75.7
GE 1200	27.5	35.6	45.1	56.9	63.7	67.5	72.7	74.9	76.1	77.6	78.9	79.2	79.4	79.4	79.6	79.8
GE 1000	27.6	36.2	46.2	58.4	65.4	69.5	75.3	77.5	78.8	80.4	81.8	82.3	82.4	82.4	82.6	82.8
GE 900	28.2	37.0	47.3	59.4	66.6	70.6	76.7	79.0	80.3	81.9	83.3	83.8	83.9	83.9	84.1	84.3
GE 800	28.2	37.1	47.6	60.3	67.8	72.0	78.1	80.4	81.7	83.5	84.9	85.4	85.5	85.6	85.8	86.0
GE 700	28.2	37.2	48.3	61.8	69.5	73.7	79.8	82.4	83.7	85.7	87.1	87.5	87.6	87.7	88.0	88.2
GE 600	28.4	37.5	48.9	62.6	70.6	74.9	81.5	84.3	85.7	87.8	89.5	89.9	90.0	90.1	90.5	90.8
GE 500	28.4	37.5	49.0	62.7	70.8	75.2	82.3	85.8	87.3	89.7	91.3	91.7	91.8	91.9	92.4	92.7
GE 400	28.4	37.5	49.0	62.8	70.9	75.3	82.5	87.0	88.5	91.2	93.8	94.5	94.6	94.7	95.3	95.6
GE 300	28.4	37.5	49.0	62.9	71.1	75.6	84.1	87.7	89.4	92.5	95.4	96.3	96.7	96.8	97.3	97.6
GE 200	28.4	37.5	49.0	62.9	71.2	75.7	84.2	88.1	89.8	93.2	96.3	97.3	97.7	98.1	98.7	99.0
GE 100	28.4	37.5	49.0	62.9	71.2	75.7	84.2	88.1	89.8	93.3	96.6	97.5	98.1	98.4	99.1	99.9
GE 000	28.4	37.5	49.0	62.9	71.2	75.7	84.2	88.1	89.8	93.3	96.6	97.5	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.7	17.2	22.4	26.7	28.7	30.1	31.4	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8
GE 20000	16.3	18.9	24.4	28.9	31.0	32.5	34.0	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4
GE 18000	16.5	19.0	24.5	29.2	31.3	32.9	34.3	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7
GE 16000	16.5	19.1	24.6	29.4	31.4	32.9	34.4	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8
GE 14000	16.5	19.4	24.8	29.9	32.0	33.7	35.2	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6
GE 12000	17.0	20.2	25.8	31.1	33.2	34.8	36.3	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8
GE 10000	18.1	21.4	27.1	33.0	35.2	36.8	38.3	38.5	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7
GE 9000	18.6	22.0	27.8	33.9	36.2	38.1	39.7	39.9	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1
GE 8000	19.0	22.5	28.6	34.6	37.0	38.8	40.3	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0
GE 7000	19.2	22.9	29.6	35.8	38.2	40.0	41.7	41.9	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2
GE 6000	19.9	23.7	30.3	36.7	39.0	40.9	42.5	42.8	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0
GE 5000	20.9	24.8	31.6	38.0	40.5	42.5	44.3	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7
GE 4500	21.0	25.1	31.9	38.4	41.0	42.9	44.7	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2
GE 4000	22.8	27.1	34.1	40.6	43.3	45.3	47.1	47.4	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7
GE 3500	26.0	30.8	38.1	44.6	47.4	49.4	51.2	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9
GE 3000	28.1	32.8	40.4	47.6	50.4	52.4	54.3	54.7	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1
GE 2500	32.6	38.1	46.6	54.6	57.7	59.7	61.6	62.0	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5
GE 2000	36.8	43.2	53.5	62.6	65.7	68.2	70.2	70.6	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2
GE 1800	37.5	44.3	54.8	64.0	67.5	70.1	72.2	72.6	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1
GE 1500	39.1	46.7	58.4	69.1	72.0	74.6	76.7	77.1	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7
GE 1200	40.1	48.1	60.9	72.2	77.5	80.4	83.1	83.5	83.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3
GE 1000	41.1	49.5	62.7	74.9	80.4	83.4	85.2	86.7	86.9	87.1	87.4	87.6	87.6	87.7	87.7	87.7
GE 900	41.1	49.5	62.7	75.1	80.8	83.8	87.0	87.6	87.8	88.1	88.4	88.6	88.6	88.7	88.7	88.7
GE 800	41.1	49.7	63.0	75.8	81.7	84.8	88.3	88.9	89.1	89.6	89.9	90.1	90.1	90.2	90.2	90.2
GE 700	41.4	50.0	63.7	76.6	82.7	86.2	89.9	90.9	91.1	91.7	92.4	92.6	92.7	92.8	92.8	92.8
GE 600	41.4	50.0	63.7	76.8	83.0	86.6	90.5	92.0	92.4	93.3	94.0	94.2	94.3	94.4	94.4	94.4
GE 500	41.4	50.0	63.7	76.8	83.4	87.1	91.3	93.3	93.8	95.3	96.1	96.3	96.5	96.6	96.6	96.6
GE 400	41.4	50.0	63.7	76.8	83.5	87.7	92.7	94.4	94.9	96.5	97.3	97.5	97.6	97.7	97.7	97.7
GE 300	41.4	50.0	63.7	76.8	83.8	88.0	93.1	94.8	95.4	97.0	98.5	98.7	98.8	98.9	99.0	99.1
GE 200	41.4	50.0	63.7	76.8	83.8	88.0	93.2	95.1	95.6	97.2	98.8	99.1	99.6	99.7	99.9	100.0
GE 100	41.4	50.0	63.7	76.8	83.8	88.0	93.2	95.1	95.6	97.2	98.8	99.1	99.6	99.7	99.9	100.0
GE 000	41.4	50.0	63.7	76.8	83.8	88.0	93.2	95.1	95.6	97.2	98.8	99.1	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.3	22.0	25.7	30.6	32.3	33.4	33.9	34.2	34.6	34.8	34.8	34.8	34.9	34.9	34.9	34.9
GE 20000	18.6	22.6	26.7	31.8	33.4	34.6	35.1	35.4	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1
GE 18000	18.6	22.6	26.7	31.8	33.4	34.6	35.1	35.4	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1
GE 16000	18.6	22.6	26.7	31.9	33.7	34.8	35.3	35.6	36.0	36.2	36.2	36.2	36.3	36.3	36.3	36.3
GE 14000	18.7	22.7	27.2	32.6	34.3	35.5	35.9	36.2	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0
GE 12000	19.4	23.4	28.5	34.0	35.7	36.9	37.3	37.6	38.1	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE 10000	20.4	24.7	30.0	36.1	37.8	39.0	39.5	39.8	40.2	40.4	40.4	40.4	40.5	40.5	40.5	40.5
GE 9000	20.8	25.1	30.6	36.8	38.5	39.8	40.3	40.6	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.4
GE 8000	21.1	25.5	31.2	37.3	39.7	41.0	41.5	41.8	42.3	42.5	42.6	42.6	42.7	42.7	42.7	42.7
GE 7000	21.6	26.0	31.9	39.1	41.0	42.3	42.9	43.2	43.8	44.0	44.1	44.1	44.2	44.2	44.2	44.2
GE 6000	21.8	26.2	32.2	39.4	41.2	42.5	43.1	43.4	44.0	44.2	44.3	44.3	44.4	44.4	44.4	44.4
GE 5000	23.0	27.5	34.1	41.6	43.4	44.9	45.7	46.3	46.9	47.1	47.2	47.2	47.3	47.3	47.3	47.3
GE 4500	23.2	27.8	34.6	42.4	44.2	45.7	46.5	47.1	47.6	47.8	48.0	48.0	48.1	48.1	48.1	48.1
GE 4000	24.7	29.8	37.4	45.7	48.0	49.6	50.9	51.6	52.2	52.5	52.6	52.6	52.7	52.7	52.7	52.7
GE 3500	28.6	34.1	42.0	50.6	52.9	54.5	56.1	56.8	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1
GE 3000	30.3	36.0	44.2	53.4	55.7	57.5	59.2	59.9	60.5	61.0	61.1	61.1	61.2	61.2	61.2	61.2
GE 2500	34.8	41.5	50.8	60.9	63.8	65.8	67.6	68.3	68.9	69.4	69.5	69.5	69.6	69.6	69.6	69.6
GE 2000	38.0	45.5	56.2	67.6	71.1	73.3	75.2	75.8	76.5	76.9	77.0	77.0	77.1	77.1	77.1	77.1
GE 1800	38.7	46.9	57.8	69.7	73.3	75.7	77.5	78.2	78.8	79.2	79.4	79.4	79.5	79.5	79.5	79.5
GE 1500	38.9	47.4	59.7	71.6	75.5	77.8	79.8	80.4	81.1	81.5	81.6	81.6	81.7	81.7	81.7	81.7
GE 1200	39.5	48.3	61.6	74.6	79.1	81.7	83.8	84.4	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8
GE 1000	40.1	49.2	62.8	76.3	81.6	84.2	86.7	87.3	88.0	88.5	88.6	88.6	88.7	88.8	88.8	88.8
GE 900	40.2	49.5	63.0	76.7	82.0	84.8	87.4	88.1	88.7	89.2	89.4	89.4	89.5	89.6	89.6	89.6
GE 800	40.2	49.5	63.1	76.8	82.3	85.2	87.8	89.0	89.7	90.2	90.3	90.3	90.4	90.5	90.5	90.5
GE 700	40.3	49.6	63.5	77.7	83.5	86.6	89.6	90.9	91.6	92.3	92.4	92.4	92.5	92.6	92.6	92.6
GE 600	40.3	49.6	63.7	77.8	84.1	87.2	90.5	92.5	93.3	94.2	94.4	94.4	94.5	94.6	94.6	94.6
GE 500	40.4	49.7	64.0	78.2	84.9	88.1	91.5	93.5	94.5	95.7	96.0	96.0	96.1	96.2	96.2	96.2
GE 400	40.4	49.7	64.0	78.2	84.9	88.1	91.7	94.1	95.2	96.6	97.4	97.6	97.8	98.0	98.0	98.0
GE 300	40.4	49.7	64.0	78.2	84.9	88.1	91.8	94.5	95.6	97.0	98.1	98.3	98.5	98.6	98.6	98.6
GE 200	40.4	49.7	64.0	78.2	84.9	88.1	91.9	94.8	96.0	97.6	98.7	98.9	99.1	99.7	99.8	99.8
GE 100	40.4	49.7	64.0	78.2	84.9	88.1	91.9	94.8	96.0	97.6	98.7	99.0	99.2	99.9	100.0	100.0
GE 000	40.4	49.7	64.0	78.2	84.9	88.1	91.9	94.8	96.0	97.6	98.7	99.0	99.2	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.1	20.4	24.9	31.9	34.6	35.2	36.7	37.1	37.6	38.3	38.7	38.7	38.9	38.9	38.9	38.9
GE 20000	16.8	21.2	25.8	33.9	36.7	37.4	38.9	39.4	40.2	40.9	41.3	41.3	41.5	41.5	41.5	41.5
GE 18000	16.8	21.2	25.8	33.9	36.7	37.4	38.9	39.4	40.2	40.9	41.3	41.3	41.5	41.5	41.5	41.5
GE 16000	17.1	21.6	26.2	34.3	37.1	37.8	39.4	39.8	40.6	41.3	41.7	41.7	41.9	41.9	41.9	41.9
GE 14000	17.4	22.0	26.7	34.9	37.8	38.6	40.1	40.6	41.5	42.2	42.6	42.6	42.8	42.8	42.8	42.8
GE 12000	17.7	22.5	27.1	35.6	38.5	39.4	41.0	41.5	42.4	43.0	43.4	43.4	43.7	43.7	43.7	43.7
GE 10000	18.2	23.0	27.8	36.9	39.8	40.6	42.3	42.8	43.7	44.4	44.8	44.8	45.1	45.1	45.1	45.1
GE 9000	18.2	23.0	27.8	36.9	39.8	40.6	42.3	42.8	43.8	44.5	44.9	44.9	45.2	45.2	45.2	45.2
GE 8000	18.8	23.8	29.0	38.2	41.2	42.0	43.7	44.2	45.2	45.9	46.5	46.5	46.7	46.7	46.7	46.7
GE 7000	19.5	24.6	30.1	39.9	42.9	43.9	45.5	46.0	47.0	47.8	48.4	48.4	48.6	48.6	48.6	48.6
GE 6000	20.1	25.7	31.7	41.7	44.8	45.9	47.5	48.2	49.1	50.0	50.5	50.5	50.8	50.8	50.8	50.8
GE 5000	20.8	26.6	32.9	43.2	46.6	47.8	49.8	50.4	51.4	52.3	52.8	52.8	53.0	53.0	53.0	53.0
GE 4500	21.1	27.1	33.9	44.5	48.0	49.2	51.2	51.8	52.8	53.7	54.2	54.2	54.4	54.4	54.4	54.4
GE 4000	22.9	29.8	37.0	49.1	53.2	54.6	57.1	57.7	58.7	59.6	60.1	60.1	60.3	60.3	60.3	60.3
GE 3500	24.3	31.6	39.0	51.5	55.9	57.3	59.8	60.5	61.5	62.4	62.9	62.9	63.1	63.1	63.1	63.1
GE 3000	26.6	34.2	42.2	55.5	60.2	61.7	64.6	65.4	66.3	67.2	67.7	67.7	68.0	68.0	68.0	68.0
GE 2500	27.8	36.7	45.5	59.1	64.5	66.5	69.5	70.2	71.2	72.2	72.7	72.7	72.9	72.9	72.9	72.9
GE 2000	28.7	38.5	48.3	63.5	69.2	71.4	74.5	75.4	76.3	77.3	78.0	78.0	78.2	78.2	78.2	78.2
GE 1800	29.1	38.9	49.1	64.8	70.6	73.1	76.2	77.1	78.1	79.0	79.7	79.7	79.9	79.9	79.9	79.9
GE 1500	29.1	39.0	49.7	66.0	71.8	74.3	77.5	78.4	79.4	80.4	81.1	81.1	81.3	81.3	81.3	81.3
GE 1200	29.8	39.8	51.2	67.8	74.0	76.6	80.3	81.4	82.4	83.4	84.1	84.1	84.3	84.3	84.3	84.3
GE 1000	29.9	40.0	52.0	69.1	75.9	78.7	83.2	84.5	85.5	86.6	87.2	87.2	87.5	87.5	87.5	87.6
GE 900	30.1	40.2	52.3	69.5	76.6	79.4	83.9	85.3	86.2	87.3	88.0	88.0	88.3	88.3	88.3	88.4
GE 800	30.1	40.3	52.4	70.1	77.6	80.6	85.6	87.2	88.4	89.5	90.1	90.1	90.4	90.4	90.4	90.5
GE 700	30.2	40.5	52.8	71.0	78.6	81.8	87.0	88.6	89.8	90.9	91.5	91.5	91.8	91.8	91.8	91.9
GE 600	30.2	40.5	52.9	71.3	79.1	82.6	88.2	89.9	91.1	92.3	93.0	93.0	93.3	93.3	93.3	93.4
GE 500	30.2	40.5	52.9	71.5	79.5	83.0	88.7	90.6	92.2	93.5	94.3	94.3	94.6	94.6	94.6	94.7
GE 400	30.2	40.5	52.9	71.7	79.8	83.4	89.2	91.4	93.2	94.6	95.4	95.4	95.8	95.9	95.9	96.0
GE 300	30.2	40.5	52.9	71.7	79.8	83.4	89.7	91.8	93.8	95.3	96.1	96.1	96.7	96.8	96.8	96.9
GE 200	30.2	40.5	52.9	71.7	79.8	83.4	89.7	91.9	93.9	95.6	96.9	96.9	97.4	97.5	97.8	98.2
GE 100	30.2	40.5	52.9	71.7	79.8	83.5	89.8	92.0	94.0	95.7	97.0	97.0	97.6	97.8	98.3	99.6
GE 000	30.2	40.5	52.9	71.7	79.8	83.5	89.8	92.0	94.0	95.7	97.0	97.0	97.6	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.2	25.8	30.9	38.3	41.1	41.3	43.1	44.1	44.1	44.3	44.6	44.6	44.7	44.8	44.9	44.9
GE 20000	19.6	26.1	31.2	39.1	41.9	42.2	44.1	45.3	45.3	45.5	45.8	45.8	45.9	46.0	46.1	46.1
GE 18000	19.6	26.1	31.2	39.1	41.9	42.2	44.1	45.3	45.3	45.5	45.8	45.8	45.9	46.0	46.1	46.1
GE 16000	19.9	26.5	31.5	39.5	42.3	42.5	44.4	45.6	45.6	45.8	46.1	46.1	46.2	46.3	46.5	46.5
GE 14000	20.0	26.6	31.6	39.7	42.5	42.7	44.6	45.8	45.8	46.0	46.3	46.3	46.5	46.6	46.7	46.7
GE 12000	20.1	26.7	31.8	40.2	43.0	43.2	45.3	46.5	46.5	46.7	47.0	47.0	47.1	47.2	47.3	47.3
GE 10000	20.3	27.0	32.4	40.8	43.5	43.8	45.8	47.1	47.1	47.4	47.7	47.7	47.8	48.0	48.1	48.1
GE 9000	20.3	27.1	32.5	40.9	43.7	43.9	45.9	47.2	47.2	47.5	47.8	47.8	48.0	48.1	48.2	48.2
GE 8000	21.2	28.4	34.2	42.9	45.7	45.9	48.0	49.2	49.2	49.6	49.9	49.9	50.0	50.1	50.2	50.2
GE 7000	21.6	29.1	34.9	43.9	46.7	46.9	49.1	50.4	50.4	50.8	51.1	51.1	51.2	51.3	51.4	51.4
GE 6000	21.9	29.5	35.6	44.6	47.4	47.6	49.9	51.2	51.2	51.5	51.8	51.8	51.9	52.0	52.2	52.2
GE 5000	23.7	31.4	37.7	47.1	49.9	50.1	52.6	54.0	54.0	54.3	54.6	54.6	54.7	54.8	54.9	54.9
GE 4500	24.3	32.6	38.7	48.1	51.1	51.3	53.8	55.2	55.2	55.5	55.8	55.8	55.9	56.0	56.1	56.1
GE 4000	26.2	35.2	42.4	52.6	55.9	56.1	58.8	60.3	60.4	61.0	61.3	61.3	61.5	61.6	61.7	61.7
GE 3500	27.1	36.2	43.4	54.2	57.6	58.1	60.8	62.3	62.4	63.0	63.3	63.3	63.5	63.7	63.8	63.8
GE 3000	29.1	38.5	45.9	57.5	61.1	61.7	64.4	65.9	66.1	66.8	67.1	67.1	67.3	67.4	67.5	67.5
GE 2500	31.1	41.0	49.0	61.5	65.5	66.5	69.5	71.0	71.2	71.8	72.2	72.2	72.4	72.5	72.6	72.6
GE 2000	32.4	43.0	51.1	64.2	68.4	69.5	72.6	74.1	74.4	75.1	75.4	75.4	75.6	75.7	75.8	75.8
GE 1800	32.5	43.2	51.5	65.2	69.6	70.8	74.0	75.5	75.8	76.6	76.9	76.9	77.1	77.2	77.3	77.3
GE 1500	33.3	44.1	52.9	67.0	71.5	72.8	76.2	77.7	78.1	78.8	79.1	79.1	79.4	79.5	79.6	79.6
GE 1200	34.6	45.5	54.7	69.2	73.8	75.1	78.8	80.5	81.0	81.7	82.0	82.0	82.3	82.4	82.5	82.5
GE 1000	35.2	46.2	56.2	71.0	76.3	77.6	81.7	83.5	84.0	84.7	85.2	85.2	85.4	85.5	85.6	85.6
GE 900	35.3	46.5	56.5	71.2	76.6	78.2	82.5	84.3	84.7	85.5	85.9	85.9	86.1	86.2	86.3	86.3
GE 800	35.6	46.9	57.2	72.3	77.7	79.4	84.1	85.9	86.3	87.1	87.5	87.5	87.7	87.8	88.0	88.0
GE 700	35.7	47.0	57.5	73.0	78.5	80.2	85.6	87.5	88.0	88.7	89.1	89.1	89.4	89.5	89.6	89.6
GE 600	35.7	47.0	57.6	73.5	79.1	81.0	86.6	88.6	89.0	89.8	90.3	90.3	90.5	90.6	90.8	90.8
GE 500	35.8	47.1	57.8	74.1	80.0	81.9	87.7	90.0	90.5	91.3	91.8	91.8	92.0	92.2	92.3	92.3
GE 400	35.8	47.1	58.0	74.4	80.6	82.8	89.0	91.6	92.2	92.9	93.4	93.4	93.7	93.8	93.9	93.9
GE 300	35.8	47.1	58.0	74.4	80.8	82.9	89.6	92.4	93.1	93.9	94.5	94.5	94.7	94.8	94.9	94.9
GE 200	35.8	47.1	58.0	74.4	80.8	82.9	89.8	92.7	93.8	94.6	95.3	95.5	95.7	96.1	96.2	96.3
GE 100	35.8	47.1	58.0	74.7	81.1	83.2	90.1	93.0	94.2	95.1	96.0	96.1	96.5	97.0	97.4	98.5
GE 000	35.8	47.1	58.0	74.7	81.1	83.2	90.1	93.0	94.2	95.1	96.0	96.1	96.5	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.4	18.3	23.3	29.2	31.9	33.2	35.1	35.8	36.2	36.8	37.3	37.4	37.5	37.6	37.6	38.0
GE 20000	14.8	18.8	24.1	30.4	33.2	34.6	36.5	37.3	37.8	38.4	38.9	39.0	39.0	39.1	39.2	39.6
GE 18000	14.9	18.9	24.1	30.5	33.3	34.7	36.6	37.5	37.9	38.5	39.0	39.1	39.2	39.3	39.3	39.7
GE 16000	15.0	19.0	24.3	30.6	33.5	34.9	36.8	37.7	38.1	38.7	39.2	39.3	39.4	39.5	39.6	39.9
GE 14000	15.2	19.2	24.6	31.1	34.0	35.4	37.4	38.2	38.7	39.3	39.8	39.9	40.0	40.1	40.1	40.5
GE 12000	15.5	19.7	25.2	31.9	34.8	36.2	38.2	39.1	39.5	40.2	40.7	40.8	40.8	40.9	41.0	41.4
GE 10000	16.1	20.4	26.1	33.1	36.0	37.5	39.5	40.4	40.9	41.5	42.1	42.2	42.3	42.4	42.4	42.8
GE 9000	16.3	20.6	26.5	33.5	36.5	38.0	40.1	41.0	41.4	42.1	42.6	42.7	42.8	42.9	43.0	43.4
GE 8000	16.9	21.4	27.6	34.8	37.9	39.4	41.5	42.5	42.9	43.6	44.2	44.2	44.3	44.4	44.5	44.9
GE 7000	17.5	22.2	28.6	36.0	39.1	40.7	42.9	43.9	44.3	45.1	45.6	45.7	45.8	45.9	46.0	46.4
GE 6000	17.9	22.6	29.2	36.8	40.2	41.8	44.1	45.2	45.6	46.4	46.9	47.0	47.1	47.2	47.3	47.7
GE 5000	18.8	23.8	30.7	38.5	42.0	43.7	46.2	47.4	47.9	48.7	49.3	49.4	49.5	49.6	49.7	50.0
GE 4500	19.2	24.3	31.3	39.3	42.8	44.5	47.0	48.3	48.8	49.6	50.2	50.3	50.4	50.5	50.6	50.9
GE 4000	20.7	26.2	33.9	42.6	46.5	48.2	51.0	52.3	52.9	53.8	54.5	54.6	54.7	54.8	54.9	55.2
GE 3500	22.6	28.4	36.3	45.5	49.5	51.4	54.2	55.7	56.3	57.2	57.9	58.0	58.1	58.2	58.3	58.7
GE 3000	24.4	30.5	38.7	48.5	52.6	54.5	57.5	58.9	59.5	60.4	61.1	61.3	61.4	61.5	61.6	62.0
GE 2500	27.3	34.0	43.1	53.4	57.9	60.0	63.1	64.5	65.1	66.1	66.8	67.0	67.1	67.2	67.3	67.7
GE 2000	29.3	36.8	46.7	57.9	62.6	64.9	68.1	69.6	70.2	71.2	72.0	72.2	72.3	72.4	72.5	72.9
GE 1800	29.9	37.6	47.9	59.5	64.4	66.8	70.1	71.5	72.2	73.2	74.0	74.1	74.3	74.4	74.5	74.9
GE 1500	30.8	38.9	49.9	62.1	67.3	69.8	73.2	74.8	75.5	76.5	77.3	77.5	77.6	77.7	77.8	78.2
GE 1200	31.5	40.0	51.6	64.6	70.3	73.0	76.6	78.3	79.0	80.1	80.9	81.0	81.2	81.3	81.4	81.8
GE 1000	31.9	40.8	52.9	66.3	72.5	75.3	79.3	81.0	81.7	82.9	83.7	83.9	84.0	84.2	84.3	84.8
GE 900	32.1	41.0	53.1	66.7	73.0	75.9	80.0	81.8	82.6	83.7	84.6	84.7	84.9	85.1	85.2	85.6
GE 800	32.2	41.2	53.5	67.4	74.0	77.0	81.4	83.3	84.1	85.3	86.2	86.3	86.5	86.7	86.8	87.2
GE 700	32.3	41.3	53.9	68.1	74.8	78.0	82.8	84.9	85.6	86.9	87.8	88.0	88.1	88.3	88.4	88.9
GE 600	32.3	41.4	54.2	68.6	75.5	78.9	84.0	86.2	87.1	88.5	89.5	89.7	89.9	90.0	90.2	90.6
GE 500	32.4	41.5	54.3	68.8	76.1	79.6	85.1	87.6	88.7	90.2	91.3	91.5	91.7	91.9	92.1	92.5
GE 400	32.4	41.6	54.4	69.1	76.5	80.2	86.1	88.8	89.9	91.6	93.0	93.3	93.5	93.7	93.9	94.3
GE 300	32.4	41.6	54.4	69.1	76.6	80.3	86.5	89.4	90.6	92.5	94.2	94.5	94.8	95.0	95.3	95.7
GE 200	32.4	41.6	54.4	69.1	76.7	80.4	86.7	89.8	91.0	93.1	95.0	95.4	95.9	96.3	96.7	97.3
GE 100	32.4	41.6	54.4	69.2	76.8	80.6	86.9	89.9	91.2	93.3	95.3	95.7	96.3	96.8	97.4	99.0
GE 000	32.4	41.6	54.4	69.2	76.8	80.6	86.9	89.9	91.2	93.3	95.3	95.7	96.3	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	31.6	38.3	41.8	43.4	43.6	44.3	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8
GE 20000	27.1	32.1	38.9	42.3	44.0	44.1	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3
GE 18000	27.1	32.1	38.9	42.3	44.0	44.1	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3
GE 16000	27.2	32.2	39.0	42.4	44.1	44.2	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.4
GE 14000	27.2	32.2	39.0	42.4	44.1	44.2	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.4
GE 12000	27.3	32.4	39.4	42.9	44.6	44.8	45.8	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.4
GE 11000	28.6	34.1	41.6	45.7	47.4	47.7	48.8	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4
GE 10000	28.9	34.6	42.1	46.2	48.0	48.2	49.3	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	50.0
GE 8000	30.2	36.3	44.9	49.6	51.6	52.0	53.1	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.8
GE 7000	31.2	37.8	46.7	51.3	53.3	54.2	55.4	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1
GE 6000	32.7	39.3	48.3	53.2	55.2	56.3	57.8	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.4
GE 5000	33.4	40.6	50.1	55.2	57.0	59.3	60.9	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.6
GE 4500	33.7	41.3	51.2	56.4	59.2	60.6	62.1	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.8
GE 4000	36.2	44.2	55.0	60.4	63.2	64.6	66.1	66.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.8
GE 3500	36.9	45.1	56.0	61.6	64.4	65.8	67.3	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	68.0
GE 3000	39.9	48.4	59.7	65.8	69.0	70.3	72.0	72.3	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.8
GE 2500	41.4	50.3	62.1	68.4	71.7	73.0	74.7	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.4
GE 2000	45.0	54.1	66.4	72.9	76.1	77.4	79.1	79.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.9
GE 1800	45.3	54.7	67.2	73.7	77.1	78.4	80.1	80.4	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.9
GE 1500	46.1	56.1	69.4	76.1	80.1	81.4	83.1	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9
GE 1200	46.9	57.0	70.3	77.3	81.7	83.1	84.9	85.2	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.7
GE 1000	47.3	57.8	71.1	78.1	82.4	84.0	85.8	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.6
GE 900	47.8	58.2	71.7	78.7	83.0	84.6	86.6	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 800	48.4	58.9	72.7	79.8	84.3	86.0	88.2	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0
GE 700	48.8	59.2	73.2	80.4	85.6	87.3	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.6
GE 600	49.2	59.8	73.9	81.1	86.6	88.3	91.1	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2
GE 500	49.2	59.8	74.1	81.8	87.3	89.1	92.1	92.8	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.7
GE 400	49.2	59.8	74.6	82.3	88.1	90.1	93.3	94.0	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.2
GE 300	49.2	59.8	74.9	82.8	88.7	90.8	94.4	95.4	95.7	96.2	96.8	96.8	96.8	96.8	96.9	97.0
GE 200	49.2	59.8	74.9	82.8	88.9	91.1	94.7	95.9	96.1	96.8	97.3	97.4	97.4	97.8	97.9	98.0
GE 100	49.2	59.8	74.9	82.8	88.9	91.1	94.9	95.9	96.1	96.9	97.7	98.0	98.1	98.7	99.0	99.3
GE 000	49.2	59.8	74.9	82.8	88.9	91.1	94.9	95.9	96.1	96.9	97.7	98.0	98.1	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.0	21.9	28.1	32.8	35.4	36.1	37.6	38.2	38.6	39.2	39.3	39.7	39.7	39.9	39.9	40.2
GE 20000	19.4	22.3	28.7	33.4	36.3	37.0	38.4	39.1	39.4	40.1	40.2	40.6	40.6	40.8	40.8	41.1
GE 18000	19.4	22.3	28.7	33.6	36.4	37.1	38.6	39.2	39.6	40.2	40.3	40.7	40.7	40.9	40.9	41.2
GE 16000	19.4	22.3	28.7	33.6	36.4	37.1	38.6	39.2	39.6	40.2	40.3	40.7	40.7	40.9	40.9	41.2
GE 14000	19.4	22.3	28.8	33.7	36.6	37.2	38.7	39.3	39.7	40.3	40.4	40.8	40.8	41.0	41.0	41.3
GE 12000	19.4	22.6	29.0	33.9	36.9	37.6	39.1	39.8	40.1	40.8	40.9	41.2	41.2	41.4	41.4	41.8
GE 10000	19.9	23.1	29.7	35.0	37.9	39.7	40.8	41.6	41.9	42.6	42.7	43.0	43.0	43.2	43.3	43.7
GE 9000	19.9	23.2	30.1	35.4	38.3	39.3	41.0	42.3	42.7	43.3	43.4	43.8	43.8	44.0	44.1	44.6
GE 8000	21.0	24.4	31.8	37.3	40.4	41.6	43.9	44.7	45.0	45.7	45.8	46.1	46.1	46.3	46.4	46.8
GE 7000	21.6	25.0	33.6	39.6	42.7	43.9	46.3	47.1	47.4	48.1	48.2	48.6	48.6	48.8	48.9	49.2
GE 6000	22.0	25.6	34.3	40.6	44.0	45.4	48.2	49.0	49.3	50.0	50.1	50.4	50.4	50.7	50.8	51.1
GE 5000	22.9	26.8	36.2	42.8	46.8	48.7	51.6	52.3	52.7	53.3	53.4	53.8	53.8	54.0	54.1	54.4
GE 4500	23.0	27.1	37.1	43.9	47.9	49.8	52.7	53.4	53.8	54.4	54.6	54.9	54.9	55.1	55.2	55.6
GE 4000	25.2	29.7	40.3	47.4	51.6	53.6	56.4	57.2	57.7	58.3	58.4	58.8	58.8	59.0	59.1	59.4
GE 3500	26.0	30.4	41.1	48.2	52.4	54.7	57.6	58.3	58.8	59.4	59.6	59.9	59.9	60.1	60.2	60.6
GE 3000	29.7	34.3	45.2	52.9	57.7	60.0	62.9	63.7	64.1	64.9	65.0	65.3	65.3	65.6	65.7	66.0
GE 2500	31.3	36.7	47.9	55.9	60.8	63.5	66.4	67.4	67.9	68.8	68.9	69.2	69.2	69.4	69.6	69.9
GE 2000	34.4	39.8	51.6	60.1	65.1	67.9	70.8	71.9	72.3	73.2	73.3	73.7	73.7	73.9	74.0	74.3
GE 1800	35.3	41.1	53.2	62.0	67.0	69.8	72.7	73.8	74.2	75.1	75.2	75.6	75.6	75.8	75.9	76.2
GE 1500	36.8	43.1	55.9	65.0	70.0	72.8	75.8	76.9	77.4	78.3	78.4	78.8	78.8	79.0	79.1	79.4
GE 1200	39.1	45.8	59.1	68.8	74.2	77.0	80.1	81.2	82.0	83.1	83.2	83.6	83.6	83.8	83.9	84.2
GE 1000	39.9	46.6	60.0	69.7	75.1	78.1	81.2	82.3	83.2	84.3	84.4	84.8	84.8	85.0	85.1	85.4
GE 900	40.0	46.8	60.2	70.0	75.6	78.6	81.7	82.8	83.7	84.8	84.9	85.2	85.2	85.4	85.6	85.9
GE 800	40.8	47.9	61.4	71.4	77.0	80.0	83.2	84.4	85.4	86.6	86.7	87.0	87.0	87.2	87.3	87.7
GE 700	40.8	48.0	61.6	71.8	77.6	80.6	83.9	85.2	86.2	87.4	87.5	87.9	87.9	88.1	88.2	88.6
GE 600	40.9	48.1	61.7	72.2	78.1	81.1	84.7	86.0	87.0	88.2	88.3	88.7	88.7	88.9	89.0	89.3
GE 500	41.1	48.3	62.4	73.1	79.3	82.3	86.2	87.3	88.3	89.6	89.7	90.1	90.1	90.3	90.4	90.7
GE 400	41.3	48.6	62.8	73.7	79.9	83.1	87.2	88.6	89.6	91.0	91.1	91.5	91.5	91.7	91.8	92.1
GE 300	41.4	48.7	63.1	74.1	80.6	84.1	88.7	91.3	92.7	94.3	94.4	94.8	94.8	95.0	95.1	95.4
GE 200	41.4	48.7	63.1	74.1	80.6	84.3	89.2	92.0	93.3	95.1	95.2	95.9	96.0	96.6	96.7	97.2
GE 100	41.4	48.7	63.1	74.1	80.6	84.4	89.7	92.4	93.8	95.7	95.8	96.7	96.8	97.3	97.6	99.0
GE 000	41.4	48.7	63.1	74.1	80.6	84.4	89.7	92.4	93.8	95.7	95.8	96.7	96.8	97.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.3	15.1	19.3	23.7	25.6	27.7	29.6	30.1	30.5	31.4	31.9	31.9	32.0	32.0	32.0	32.5
GE 20000	13.6	15.6	19.8	25.2	27.5	29.8	31.6	32.3	32.7	33.7	34.2	34.2	34.3	34.3	34.3	34.7
GE 18000	13.8	15.9	20.1	25.5	27.8	30.1	31.9	32.6	33.0	34.0	34.5	34.5	34.6	34.6	34.6	35.1
GE 16000	13.8	15.9	20.1	25.5	27.8	30.1	31.9	32.6	33.0	34.0	34.5	34.5	34.6	34.6	34.6	35.1
GE 14000	13.9	16.0	20.2	25.6	27.9	30.2	32.0	32.7	33.1	34.1	34.6	34.6	34.7	34.7	34.7	35.2
GE 12000	14.1	16.2	20.4	25.9	28.3	30.5	32.4	33.0	33.4	34.4	35.0	35.0	35.1	35.1	35.1	35.6
GE 10000	14.9	17.0	21.6	27.5	29.9	32.3	34.1	35.1	35.6	36.6	37.1	37.1	37.2	37.2	37.2	38.0
GE 9000	15.1	17.3	22.0	28.0	30.5	32.9	35.0	35.9	36.5	37.4	38.0	38.0	38.1	38.1	38.1	38.8
GE 8000	16.0	18.4	24.4	30.6	33.1	35.5	38.0	38.9	39.5	40.5	41.0	41.1	41.2	41.2	41.2	42.0
GE 7000	16.2	18.7	25.4	31.7	34.2	36.7	39.5	40.5	41.2	42.2	42.7	42.8	42.9	42.9	42.9	43.7
GE 6000	17.0	20.0	26.8	33.5	36.0	38.7	41.7	42.7	43.5	44.4	45.0	45.1	45.2	45.2	45.2	46.0
GE 5000	17.9	21.4	28.5	36.0	38.9	41.7	44.3	45.3	46.3	47.9	48.7	48.8	48.9	48.9	48.9	49.6
GE 4500	18.3	22.1	29.4	37.1	40.1	43.0	46.1	47.1	48.1	49.2	49.9	50.1	50.2	50.2	50.2	50.9
GE 4000	21.4	25.5	33.2	41.1	44.3	47.8	50.9	52.0	53.2	54.3	55.0	55.1	55.2	55.2	55.2	56.1
GE 3500	23.7	28.0	36.0	43.9	47.8	50.8	53.8	55.0	56.2	57.4	58.1	58.3	58.4	58.4	58.4	59.2
GE 3000	26.4	31.5	39.5	47.5	51.6	54.7	57.9	59.2	60.4	61.7	62.5	62.6	62.7	62.7	62.7	63.6
GE 2500	29.1	34.6	43.4	51.6	56.1	59.3	62.9	64.1	65.3	66.6	67.3	67.4	67.5	67.5	67.5	68.5
GE 2000	32.3	38.3	47.1	55.7	60.3	63.6	67.2	68.4	69.7	71.0	71.7	71.8	72.1	72.1	72.1	73.0
GE 1800	32.3	38.9	48.1	56.9	61.6	64.9	68.5	69.7	71.0	72.3	73.0	73.1	73.4	73.4	73.4	74.4
GE 1500	35.9	42.3	51.7	61.2	66.0	69.4	72.9	74.2	75.6	76.9	77.7	77.8	78.0	78.0	78.0	79.1
GE 1200	36.9	43.3	53.1	62.8	67.6	71.1	74.6	75.9	77.3	78.7	79.5	79.6	79.8	79.8	79.8	80.9
GE 1000	37.8	44.3	54.4	64.2	69.5	72.9	76.5	77.8	79.2	80.6	81.3	81.4	81.7	81.7	81.7	82.7
GE 900	38.3	44.9	54.9	64.7	70.1	73.7	77.2	78.5	79.9	81.3	82.1	82.2	82.6	82.6	82.6	83.5
GE 800	39.2	46.0	56.4	66.5	72.2	75.8	79.4	80.7	82.1	83.5	84.3	84.4	84.6	84.6	84.6	85.7
GE 700	39.4	46.3	57.0	67.4	73.5	77.1	80.7	82.0	83.4	85.0	85.8	85.9	86.2	86.2	86.2	87.3
GE 600	39.5	46.5	57.3	68.3	75.0	78.6	82.4	83.7	85.1	86.7	87.5	87.6	87.9	87.9	87.9	89.0
GE 500	39.7	46.8	57.7	69.1	76.6	80.5	84.3	85.5	87.7	89.4	90.3	90.4	90.7	90.7	90.7	91.8
GE 400	39.9	47.1	58.4	70.0	77.6	81.7	85.6	86.8	89.0	90.8	91.7	91.8	92.1	92.1	92.1	93.2
GE 300	40.0	47.2	58.5	70.1	77.9	82.3	87.4	88.7	91.2	93.5	95.3	95.4	95.8	95.8	95.8	96.9
GE 200	40.0	47.2	58.5	70.1	77.9	82.3	87.4	88.7	91.5	94.0	95.9	96.0	96.5	96.8	96.9	98.1
GE 100	40.0	47.2	58.5	70.1	77.9	82.3	87.5	88.8	91.6	94.2	96.2	96.4	97.2	97.5	97.6	99.0
GE 000	40.0	47.2	58.5	70.1	77.9	82.3	87.5	88.8	91.6	94.2	96.2	96.4	97.2	97.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION #AW — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.7	20.0	23.4	26.1	27.3	27.5	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	19.9	22.5	26.4	29.3	30.5	31.0	31.4	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
GE 18000	20.0	22.6	26.5	29.4	30.6	31.1	31.5	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7
GE 16000	20.0	22.6	26.5	29.4	30.7	31.2	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8
GE 14000	20.1	22.7	26.6	29.5	30.8	31.3	31.7	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	20.7	23.3	27.3	30.1	31.4	31.9	32.4	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6
GE 10000	21.6	24.6	28.6	31.6	33.1	33.5	34.4	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7
GE 9000	21.7	25.0	29.1	32.1	33.5	34.3	34.7	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3
GE 8000	22.7	26.2	31.1	34.2	36.0	36.5	37.5	38.0	38.0	38.0	38.1	38.1	39.1	38.1	38.1	38.1
GE 7000	23.4	27.2	32.1	35.4	37.2	38.0	39.0	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4
GE 6000	24.1	27.8	32.9	36.2	38.0	38.9	39.8	40.0	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3
GE 5000	25.0	29.1	34.9	38.5	40.7	41.5	42.7	43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 4500	25.8	29.9	35.3	39.4	41.9	42.8	44.0	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5
GE 4000	26.9	31.6	37.9	42.5	44.5	45.5	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 3500	29.3	34.3	41.1	46.1	48.1	49.1	50.5	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0
GE 3000	32.4	37.6	44.5	49.6	51.8	52.8	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 2500	40.6	46.2	53.7	59.0	61.1	62.3	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 2000	46.9	52.8	60.7	66.1	68.6	69.9	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 1800	49.4	55.4	63.4	69.0	71.6	72.8	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 1500	52.9	59.1	67.4	73.3	76.1	77.4	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	56.0	62.6	71.2	77.7	80.9	82.4	83.9	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	57.0	64.3	73.3	80.2	83.7	85.2	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	57.0	64.9	74.0	81.5	85.2	86.8	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	57.2	65.4	74.9	83.4	87.4	89.0	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	57.2	65.5	75.5	84.5	88.3	90.5	92.7	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	57.4	65.7	75.8	84.9	89.2	92.0	94.2	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	57.4	65.7	75.9	85.2	90.3	92.5	95.2	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	57.4	65.7	75.9	85.5	90.9	93.4	96.2	96.6	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	57.4	65.7	75.9	85.7	91.2	93.9	96.9	97.4	97.7	98.3	98.8	98.8	99.0	99.0	99.0	99.0
GE 200	57.4	65.7	75.9	85.7	91.2	93.9	97.1	97.7	98.2	98.7	99.3	99.4	99.6	99.7	99.7	99.7
GE 100	57.4	65.7	75.9	85.7	91.2	93.9	97.1	97.7	98.2	98.7	99.3	99.4	99.6	99.9	99.9	99.9
GE 000	57.4	65.7	75.9	85.7	91.2	93.9	97.1	97.7	98.2	98.7	99.3	99.4	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 339

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 2	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.7	23.9	25.3	26.2	26.4	26.5	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 20000	24.9	27.4	28.9	29.9	30.1	30.2	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 18000	24.9	27.5	29.0	30.0	30.2	30.4	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 16000	25.0	27.8	29.3	30.4	30.7	30.9	31.0	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 14000	25.3	28.1	29.6	30.7	31.0	31.1	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 12000	25.8	28.5	30.0	31.2	31.5	31.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 10000	27.1	29.8	31.3	32.7	33.1	33.2	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 9000	27.4	30.1	31.6	33.1	33.5	33.7	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 8000	29.3	32.6	34.1	35.9	36.2	36.4	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 7000	30.1	33.8	35.3	37.2	37.6	38.0	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 6000	31.2	34.9	36.3	38.2	38.7	39.1	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 5000	32.7	36.6	38.8	41.1	41.6	42.2	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4500	33.7	37.6	40.1	42.6	43.1	43.7	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 4000	36.7	41.0	44.1	46.8	47.3	47.9	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 3500	41.3	46.0	49.6	52.3	52.8	53.4	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3000	44.8	49.8	53.8	56.5	57.2	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 2500	55.1	60.2	64.4	67.8	68.5	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2000	61.9	67.6	72.4	76.1	77.1	77.7	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1800	63.9	70.1	75.2	79.3	80.4	81.0	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	67.1	73.5	79.2	83.4	84.8	85.4	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	68.8	76.3	82.6	87.3	89.5	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	69.2	76.8	83.3	88.2	90.8	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	69.4	77.5	84.3	89.5	92.3	93.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	69.9	78.0	85.2	90.5	93.5	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	69.9	78.1	85.3	90.7	93.8	94.8	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	69.9	78.1	85.4	91.3	94.4	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	69.9	78.3	85.6	91.7	94.9	96.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	69.9	78.4	85.8	92.0	95.2	96.8	98.3	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	69.9	78.4	85.9	92.0	95.3	96.9	98.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	69.9	78.4	85.9	92.0	95.3	96.9	98.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	69.9	78.4	85.8	92.0	95.3	96.9	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.9	78.4	85.8	92.0	95.3	96.9	98.5	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 939

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.9	29.6	30.9	32.7	33.2	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	29.0	32.2	33.6	35.6	36.1	36.3	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	29.0	32.2	33.6	35.7	36.2	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 16000	29.0	32.4	33.9	36.0	36.5	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 14000	29.2	32.8	34.3	36.3	36.9	37.1	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	30.3	34.1	35.6	37.7	38.3	38.5	38.6	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 10000	31.0	34.8	36.6	39.0	39.9	40.1	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 9000	31.1	34.9	36.7	39.1	40.0	40.2	40.3	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 8000	32.1	36.2	38.3	41.2	42.0	42.2	42.7	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 7000	34.3	38.4	40.8	44.3	45.2	45.4	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 6000	36.6	40.9	43.4	47.0	47.8	48.1	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 5000	39.3	44.2	47.1	51.0	51.8	52.2	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 4500	40.4	45.3	48.4	52.3	53.1	53.4	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 4000	44.9	50.3	54.1	58.1	59.1	59.4	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3500	48.7	54.4	58.5	62.9	63.9	64.3	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	52.3	58.4	62.9	67.5	68.4	68.9	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 2500	57.3	64.1	69.2	74.0	75.1	75.5	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000	61.9	69.2	75.0	80.5	81.6	82.0	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	63.7	71.1	77.3	82.9	83.9	84.4	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	66.6	74.0	80.4	86.3	87.5	87.9	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	67.7	75.8	82.7	89.3	90.7	91.2	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	68.1	76.5	83.4	90.6	92.1	92.6	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	68.5	76.9	84.2	91.5	93.0	93.4	94.1	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	68.8	77.8	85.0	92.5	94.1	94.6	95.3	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	68.9	78.0	85.3	92.9	94.5	95.0	95.7	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	69.0	78.2	85.7	93.3	95.0	95.8	96.4	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	69.0	78.3	86.0	93.6	95.5	96.2	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	69.0	78.3	86.1	93.8	95.8	96.6	97.8	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	69.0	78.3	86.1	93.8	95.8	96.7	98.0	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	69.0	78.3	86.1	93.8	95.8	96.7	98.0	98.6	98.7	99.1	99.2	99.4	99.4	99.5	99.5	99.6
GE 100	69.0	78.3	86.1	93.8	95.8	96.7	98.0	98.6	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.8
GE 000	69.0	78.3	86.1	93.8	95.8	96.7	98.0	98.6	98.7	99.1	99.4	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.3	27.9	31.6	34.1	35.5	35.7	36.0	36.0	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3
GE 20000	26.1	29.7	33.7	36.5	37.9	38.1	38.5	38.5	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7
GE 18000	26.4	30.2	34.3	37.0	38.5	38.7	39.0	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	26.4	30.2	34.6	37.4	38.8	39.0	39.4	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	26.7	30.6	35.0	37.9	39.4	39.6	39.9	39.9	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	27.1	31.0	35.5	38.6	40.2	40.6	41.2	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7
GE 10000	27.8	32.2	36.9	40.6	42.2	42.7	43.5	43.5	43.8	44.0	44.1	44.1	44.1	44.1	44.1	44.1
GE 9000	28.3	32.6	37.4	41.0	42.7	43.1	43.9	43.9	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6
GE 8000	29.2	33.9	39.6	43.3	45.0	45.6	46.5	46.6	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 7000	30.7	36.0	41.9	46.6	48.7	49.2	50.3	50.4	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2
GE 6000	32.0	37.7	43.8	48.4	50.7	51.2	52.3	52.4	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 5000	35.1	41.2	47.8	52.5	54.9	55.4	56.5	56.7	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500	36.6	42.7	49.6	54.5	57.0	57.9	59.1	59.2	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000	39.6	46.3	53.9	59.5	62.2	63.2	64.4	64.5	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3
GE 3500	41.6	48.7	56.3	62.5	65.2	66.2	67.4	67.5	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 3000	43.5	51.1	59.2	65.7	68.5	69.5	71.0	71.2	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	48.3	56.0	64.5	71.5	74.5	75.5	76.9	77.2	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	50.7	58.5	67.3	74.4	77.7	78.3	80.3	80.5	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	51.4	59.3	68.3	75.4	78.7	79.8	81.3	81.5	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	53.6	61.5	70.6	78.6	82.0	83.3	84.7	84.9	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	55.7	64.6	73.9	82.6	86.3	87.6	89.0	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	56.1	65.2	74.5	83.4	87.4	88.7	90.5	90.8	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	56.2	65.3	74.9	83.8	87.8	89.1	91.0	91.4	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	56.2	65.3	75.1	84.1	88.2	89.6	91.5	91.9	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	56.3	65.7	75.6	84.9	89.0	90.4	92.6	92.9	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	56.7	66.3	76.3	85.8	89.9	91.2	93.5	93.9	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	56.8	66.4	76.7	86.5	90.7	92.1	94.7	95.0	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	56.9	66.5	76.9	86.7	91.1	92.6	95.0	96.0	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.5
GE 300	56.9	66.5	76.9	86.9	91.4	93.0	96.5	97.1	97.5	98.2	98.7	98.7	98.9	98.9	98.9	98.9
GE 200	56.9	66.5	76.9	86.9	91.4	93.0	96.5	97.2	97.9	98.4	98.9	99.0	99.3	99.3	99.4	99.4
GE 100	56.9	66.5	77.1	87.0	91.5	93.1	96.6	97.3	98.0	98.6	99.0	99.1	99.4	99.4	99.8	99.8
GE 000	56.9	66.5	77.1	87.0	91.5	93.1	96.6	97.3	98.0	98.6	99.0	99.1	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.2	33.0	36.8	41.6	43.1	43.1	43.4	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	28.8	33.6	37.6	42.3	43.9	43.9	44.2	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 18000	29.0	33.8	37.8	42.8	44.3	44.3	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	29.1	33.9	37.9	42.9	44.4	44.4	44.8	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 14000	29.2	34.0	38.0	43.0	44.6	44.6	44.9	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	29.8	34.6	38.7	43.8	45.3	45.4	46.1	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 10000	30.3	35.6	39.9	45.4	47.1	47.3	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 9000	30.4	35.7	40.0	45.6	47.2	47.4	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 8000	31.4	36.8	41.8	47.3	49.1	49.7	50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	32.8	38.4	43.7	49.2	51.0	51.9	52.8	53.2	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 6000	33.3	39.4	45.0	50.6	52.4	53.3	54.2	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 5000	36.4	43.1	49.3	55.4	57.9	58.8	59.7	60.1	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500	37.0	43.9	50.4	56.6	59.0	59.9	60.9	61.3	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4000	39.4	46.6	54.7	61.3	63.9	64.8	65.9	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3500	40.7	48.1	56.4	63.4	66.0	66.9	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	43.0	50.4	59.1	66.2	68.9	69.7	71.0	71.6	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	46.9	54.6	63.4	70.9	73.7	74.6	75.9	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	49.8	57.7	66.8	74.7	77.4	78.4	79.8	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	50.4	58.4	67.6	75.7	78.4	79.4	80.8	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	51.3	59.9	69.4	78.2	81.2	82.2	83.8	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	52.8	61.7	71.4	80.3	83.3	84.4	86.1	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	53.8	63.1	73.2	82.1	85.2	86.3	88.1	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	54.2	63.6	73.9	82.8	85.9	87.0	88.8	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	54.4	63.8	74.3	83.4	86.6	87.7	89.8	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	54.8	64.4	75.0	84.2	87.3	88.4	91.0	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	54.9	64.7	75.3	84.8	87.9	89.2	92.1	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	54.9	64.7	75.4	85.3	88.7	90.4	93.4	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	54.9	64.7	75.8	85.9	89.3	91.6	94.7	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	55.2	65.0	76.1	86.2	89.7	92.0	95.7	96.3	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	55.2	65.0	76.1	86.2	90.2	92.7	96.3	97.3	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	55.2	65.0	76.2	86.3	90.3	92.8	96.4	97.4	97.8	98.3	99.0	99.0	99.0	99.0	99.6	99.6
GE 000	55.2	65.0	76.2	86.3	90.3	92.8	96.4	97.4	97.8	98.3	99.0	99.0	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.2	25.3	29.1	32.3	33.6	34.1	34.8	35.1	35.2	35.4	35.5	35.6	35.6	35.6	35.6	35.7
GE 20000	23.6	26.9	30.9	34.2	35.7	36.2	36.9	37.2	37.3	37.5	37.6	37.7	37.7	37.7	37.7	37.8
GE 18000	23.7	27.0	31.0	34.5	35.9	36.4	37.1	37.4	37.5	37.8	37.9	37.9	37.9	37.9	37.9	38.1
GE 16000	23.7	27.1	31.2	34.6	36.1	36.6	37.3	37.6	37.7	37.9	38.0	38.1	38.1	38.1	38.1	38.2
GE 14000	23.9	27.3	31.4	34.8	36.3	36.8	37.5	37.8	37.9	38.1	38.2	38.3	38.3	38.3	38.3	38.4
GE 12000	24.3	27.8	31.9	35.4	37.0	37.5	38.3	38.6	38.7	39.0	39.1	39.2	39.2	39.2	39.2	39.3
GE 10000	25.1	28.9	33.2	37.1	38.7	39.4	40.3	40.7	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.5
GE 9000	25.3	29.1	33.6	37.5	39.1	39.8	40.8	41.2	41.3	41.6	41.7	41.8	41.8	41.8	41.8	42.0
GE 8000	26.5	30.6	35.7	39.8	41.6	42.4	43.6	44.0	44.1	44.4	44.5	44.6	44.6	44.6	44.6	44.8
GE 7000	27.5	31.9	37.3	41.8	43.6	44.6	45.9	46.3	46.5	46.8	46.9	47.0	47.0	47.0	47.0	47.2
GE 6000	29.6	33.2	38.8	43.4	45.3	45.3	47.7	48.1	48.3	48.6	48.7	48.8	48.8	48.8	48.8	49.0
GE 5000	30.3	35.3	41.5	46.5	48.7	49.9	51.3	51.8	52.0	52.3	52.5	52.5	52.5	52.6	52.6	52.7
GE 4500	31.0	36.2	42.7	47.8	50.1	51.3	52.8	53.2	53.4	53.8	53.9	54.0	54.0	54.0	54.0	54.2
GE 4000	33.8	39.4	46.6	52.1	54.5	55.7	57.2	57.7	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.7
GE 3500	36.0	41.9	49.3	55.1	57.5	58.8	60.3	60.8	61.1	61.4	61.6	61.6	61.6	61.6	61.7	61.8
GE 3000	39.0	45.2	52.9	58.9	61.5	62.9	64.5	65.0	65.3	65.7	65.8	65.9	65.9	65.9	65.9	66.1
GE 2500	43.8	50.4	58.6	64.9	67.6	69.1	70.7	71.2	71.6	71.9	72.1	72.1	72.2	72.2	72.2	72.4
GE 2000	47.9	54.8	63.4	70.1	73.0	74.5	76.2	76.7	77.0	77.4	77.5	77.6	77.6	77.6	77.7	77.8
GE 1800	49.1	56.2	65.1	71.9	74.8	76.3	78.0	78.5	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.7
GE 1500	51.4	58.8	68.1	75.3	78.5	80.0	81.7	82.3	82.6	83.0	83.1	83.2	83.2	83.3	83.3	83.5
GE 1200	53.1	61.0	70.6	78.3	81.8	83.4	85.2	85.7	86.1	86.5	86.7	86.7	86.8	86.8	86.8	87.0
GE 1000	53.7	61.9	71.7	79.6	83.3	85.0	86.8	87.4	87.8	88.2	88.3	88.4	88.4	88.5	88.5	88.7
GE 900	54.0	62.3	72.3	80.4	84.1	85.8	87.7	88.3	88.7	89.2	89.3	89.4	89.4	89.4	89.4	89.6
GE 800	54.5	63.0	73.2	81.5	85.5	87.2	89.2	89.8	90.2	90.7	90.8	90.9	90.9	90.9	91.0	91.2
GE 700	54.6	63.2	73.6	82.2	86.3	88.1	90.3	90.9	91.3	91.8	92.0	92.0	92.1	92.1	92.1	92.3
GE 600	54.8	63.5	74.0	82.8	87.1	89.0	91.4	92.1	92.5	93.0	93.2	93.3	93.3	93.3	93.3	93.5
GE 500	54.8	63.6	74.3	83.3	87.9	90.0	92.7	93.4	93.9	94.5	94.6	94.7	94.7	94.8	94.8	95.0
GE 400	54.9	63.7	74.6	83.8	88.5	90.7	93.7	94.7	95.3	96.0	96.2	96.3	96.3	96.3	96.4	96.6
GE 300	55.0	63.8	74.7	84.0	88.8	91.2	94.5	95.6	96.3	97.0	97.5	97.5	97.7	97.7	97.7	97.9
GE 200	55.0	63.8	74.7	84.0	88.9	91.4	94.8	96.0	96.6	97.5	98.0	98.2	98.3	98.5	98.6	98.8
GE 100	55.0	63.8	74.8	84.0	89.0	91.4	94.9	96.1	96.7	97.7	98.3	98.5	98.7	99.0	99.1	99.6
GE 000	55.0	63.8	74.8	84.0	89.0	91.4	94.9	96.1	96.7	97.7	98.3	98.5	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7335

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	41.9	48.8	53.9	55.2	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	36.5	42.4	49.4	54.6	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	36.5	42.4	49.4	54.6	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	36.5	42.4	49.4	54.6	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	36.5	42.4	49.4	54.6	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	36.7	42.7	50.0	55.3	56.6	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	37.4	43.4	50.9	56.3	57.6	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	37.8	44.3	52.0	57.6	58.9	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	38.6	45.4	53.1	59.4	60.8	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	39.2	46.3	54.5	60.8	62.2	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 6000	40.0	47.3	55.5	61.8	63.3	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	41.3	48.8	57.8	64.7	66.6	67.1	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	42.6	50.2	59.4	66.3	68.2	68.7	68.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	44.4	52.7	63.0	70.2	72.0	72.6	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3500	45.6	54.2	64.8	72.2	74.0	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	48.6	57.4	68.3	75.6	77.4	78.0	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	50.6	59.7	71.2	78.6	80.5	81.1	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	52.7	62.3	73.9	81.3	83.3	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	53.1	62.7	74.5	81.9	84.3	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	53.5	63.2	75.5	83.0	85.4	85.9	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	55.4	65.5	78.3	85.8	88.2	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	55.7	66.1	79.4	86.9	89.4	90.0	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	55.7	66.2	79.8	87.7	90.2	90.9	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	55.8	66.3	79.9	87.8	90.3	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	55.8	66.3	80.1	88.5	91.0	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	55.8	66.3	80.2	89.1	91.8	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	56.0	66.7	80.8	89.8	92.8	93.5	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	56.0	66.7	80.8	90.2	93.5	94.3	95.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 300	56.1	66.9	81.1	90.6	94.3	95.2	96.0	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 200	56.1	66.9	81.2	90.9	94.6	95.5	96.6	96.9	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.8
GE 100	56.1	66.9	81.2	91.2	94.9	95.8	96.9	97.2	97.2	97.6	97.8	98.0	98.2	98.3	98.4	98.9
GE 000	56.1	66.9	81.2	91.2	94.9	95.8	96.9	97.2	97.2	97.6	98.0	98.1	98.3	98.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	23.5	31.6	36.2	40.1	41.6	42.8	43.3	43.3	43.7	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	20.5	24.2	32.6	37.2	41.7	43.2	44.4	44.9	44.9	45.3	45.5	45.5	45.5	45.5	45.5	45.5
GE 18000	20.6	24.3	32.7	37.3	41.8	43.3	44.5	45.1	45.1	45.4	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	20.9	24.5	32.9	37.5	42.0	43.5	44.7	45.3	45.3	45.6	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	20.9	24.6	33.1	37.7	42.3	43.8	44.9	45.5	45.5	45.8	46.0	46.0	46.0	46.0	46.0	46.0
GE 12000	21.4	25.3	33.8	38.6	43.1	44.6	45.8	46.3	46.3	46.7	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000	22.0	26.3	35.5	41.0	45.7	47.2	48.4	48.9	48.9	49.4	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	22.5	27.0	36.6	42.2	46.9	48.4	49.7	50.2	50.2	50.6	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000	23.1	27.7	37.4	43.8	48.7	50.4	52.0	52.6	52.6	53.0	53.3	53.3	53.3	53.3	53.3	53.3
GE 7000	24.2	29.1	39.7	46.3	51.3	53.0	54.7	55.4	55.4	55.8	56.2	56.2	56.2	56.3	56.3	56.3
GE 6000	24.7	29.9	40.5	47.3	52.4	54.1	55.8	56.5	56.5	56.9	57.3	57.3	57.3	57.4	57.4	57.4
GE 5000	26.0	31.4	43.1	50.2	55.8	57.8	59.6	60.3	60.3	60.8	61.2	61.2	61.2	61.3	61.3	61.3
GE 4500	27.0	32.5	44.2	51.5	57.1	59.1	60.9	61.6	61.6	62.0	62.6	62.6	62.7	62.8	62.8	62.8
GE 4000	28.5	34.9	47.2	55.1	60.6	62.7	64.4	65.2	65.2	65.6	66.1	66.1	66.2	66.3	66.3	66.3
GE 3500	29.4	36.1	48.6	56.6	62.2	64.2	66.0	66.8	66.8	67.2	67.7	67.7	67.8	68.0	68.0	68.0
GE 3000	32.0	39.2	52.3	60.2	66.2	68.3	70.1	70.9	70.9	71.3	71.8	71.8	71.9	72.0	72.0	72.0
GE 2500	34.9	42.4	55.8	64.0	70.2	72.3	74.1	74.8	74.8	75.3	75.8	75.8	75.9	76.0	76.0	76.0
GE 2000	37.1	44.9	58.6	67.1	73.5	75.6	77.4	78.2	78.2	78.6	79.2	79.2	79.4	79.5	79.5	79.5
GE 1800	37.8	45.7	59.5	68.1	74.6	76.7	78.5	79.2	79.2	79.7	80.3	80.3	80.4	80.5	80.5	80.5
GE 1500	38.7	46.7	60.6	69.8	76.6	78.6	80.4	81.2	81.2	81.6	82.3	82.3	82.4	82.5	82.5	82.5
GE 1200	40.8	48.8	63.1	72.5	79.4	81.7	83.7	84.4	84.4	84.8	85.5	85.5	85.6	85.7	85.7	85.7
GE 1000	41.3	49.7	64.4	74.2	81.2	83.5	85.5	86.2	86.2	86.7	87.3	87.3	87.4	87.5	87.5	87.5
GE 900	41.4	49.9	64.7	74.9	82.2	84.5	86.5	87.2	87.2	87.6	88.3	88.3	88.4	88.5	88.5	88.5
GE 800	41.4	50.0	65.1	75.5	82.9	85.3	87.2	88.1	88.1	88.5	89.1	89.1	89.2	89.4	89.4	89.4
GE 700	41.4	50.0	65.3	75.9	83.4	85.8	87.3	88.7	88.7	89.1	89.8	89.8	89.9	90.0	90.0	90.0
GE 600	41.4	50.0	65.4	76.3	84.1	86.5	88.7	89.6	89.6	90.0	90.6	90.6	90.8	90.9	90.9	90.9
GE 500	41.5	50.4	66.3	77.4	85.5	88.2	90.6	91.6	91.6	92.0	92.7	92.7	92.8	92.9	92.9	92.9
GE 400	41.5	50.4	66.6	78.4	86.9	89.6	92.4	93.4	93.4	94.0	94.6	94.6	94.7	94.8	94.8	94.8
GE 300	41.5	50.4	66.7	78.6	87.2	90.2	93.1	94.3	94.4	94.9	96.1	96.1	96.2	96.3	96.3	96.3
GE 200	41.5	50.5	66.8	78.8	87.4	90.5	93.5	94.9	95.1	95.6	96.9	96.9	97.1	97.3	97.3	97.3
GE 100	41.5	50.5	66.8	78.8	87.6	90.8	93.8	95.3	95.4	96.0	97.3	97.3	97.5	98.0	98.2	98.6
GE 000	41.5	50.5	66.8	78.8	87.6	90.8	93.8	95.3	95.4	96.0	97.3	97.3	97.5	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.2	19.7	25.5	31.7	34.7	36.0	37.2	37.3	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.6
GE 20000	18.4	21.4	27.6	34.5	37.7	39.0	40.2	40.3	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.6
GE 18000	18.5	21.5	27.7	34.6	37.8	39.1	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.8
GE 16000	18.9	21.9	28.4	35.3	38.5	39.8	41.0	41.1	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.4
GE 14000	19.1	22.5	29.0	36.2	39.6	40.9	42.0	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.5
GE 12000	19.7	23.1	29.7	37.4	40.8	42.0	43.2	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.7
GE 10000	20.2	23.9	30.6	38.6	42.4	43.8	45.1	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.8
GE 9000	20.4	24.2	31.4	39.4	43.2	44.6	45.9	46.2	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.7
GE 8000	21.8	25.9	33.9	42.6	46.8	48.2	49.5	49.8	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.2
GE 7000	22.5	27.0	35.4	44.2	48.4	49.8	51.1	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.8
GE 6000	23.1	27.8	36.2	45.5	49.8	51.2	52.5	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.2
GE 5000	25.1	30.0	38.6	48.2	52.8	54.2	55.8	56.3	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.9
GE 4500	25.5	30.6	39.4	48.9	53.5	54.9	56.6	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.6
GE 4000	27.6	33.4	42.3	53.1	57.8	59.5	61.2	61.7	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.3
GE 3500	29.4	35.6	44.5	55.4	60.1	61.7	63.4	64.0	64.0	64.3	64.6	64.6	64.6	64.6	64.6	64.7
GE 3000	30.6	36.9	45.9	57.0	62.0	63.7	65.4	66.0	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.8
GE 2500	35.3	41.8	51.4	62.5	67.6	69.2	71.2	71.8	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.7
GE 2000	38.8	45.5	55.3	66.6	71.7	73.3	75.3	75.9	76.0	76.3	76.7	76.7	76.7	76.7	76.7	76.8
GE 1800	40.4	47.1	57.0	68.3	73.4	75.1	77.0	77.6	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.5
GE 1500	41.6	48.5	58.5	70.0	75.3	76.9	78.9	79.5	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.3
GE 1200	43.3	50.8	61.1	72.8	78.2	79.8	81.8	82.6	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.4
GE 1000	44.4	51.9	63.0	75.4	80.8	82.5	84.5	85.3	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.1
GE 900	44.7	52.4	63.9	76.6	82.2	84.1	86.1	86.9	87.0	87.3	87.6	87.6	87.6	87.6	87.6	87.7
GE 800	44.9	52.6	64.5	77.6	83.3	85.6	87.6	88.6	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.5
GE 700	45.2	53.0	65.3	78.8	84.6	86.9	88.9	89.9	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.8
GE 600	45.4	53.3	66.0	80.2	86.5	88.9	91.4	92.5	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.3
GE 500	45.6	53.7	66.8	81.5	88.1	90.6	93.2	94.4	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.4
GE 400	45.6	53.8	67.2	82.2	88.9	91.6	94.4	95.6	95.7	96.0	96.5	96.7	96.7	96.7	96.7	96.8
GE 300	45.6	53.9	67.3	82.3	89.0	91.8	94.7	95.9	96.0	96.5	97.0	97.3	97.3	97.3	97.3	97.4
GE 200	45.6	54.1	67.5	82.5	89.2	92.2	95.2	96.5	96.6	97.0	97.6	98.2	98.2	98.3	98.4	98.6
GE 100	45.6	54.1	67.5	82.5	89.2	92.2	95.2	96.5	96.6	97.0	97.7	98.3	98.4	98.6	99.4	99.7
GE 000	45.6	54.1	67.5	82.5	89.2	92.2	95.2	96.5	96.6	97.0	97.8	98.4	98.5	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.4	21.7	25.1	29.6	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 20000	19.9	24.3	28.0	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 18000	20.1	24.5	28.3	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 16000	20.2	24.6	28.4	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 14000	20.5	24.9	29.0	33.9	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 12000	21.3	25.9	30.0	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	22.3	27.1	31.6	36.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 9000	22.7	27.6	32.2	37.4	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 8000	23.9	29.5	34.1	39.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 7000	25.5	31.4	36.1	41.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 6000	26.2	32.2	36.9	42.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 5000	28.4	34.5	39.5	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 4500	28.9	35.1	40.1	45.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 4000	30.2	36.8	41.8	48.0	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 3500	32.2	38.7	44.0	50.4	51.8	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 3000	35.7	42.6	47.8	54.3	55.7	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2500	45.8	53.5	59.4	65.9	67.3	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2000	52.3	60.8	67.3	73.3	75.4	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1800	54.2	62.8	69.5	76.5	78.0	78.3	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	56.7	65.4	72.6	79.9	81.4	81.7	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	58.9	68.8	77.0	84.8	86.3	86.7	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	59.9	70.2	78.9	87.2	88.8	89.1	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	60.3	70.8	79.8	88.5	90.1	90.4	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	60.5	71.3	80.9	90.0	91.8	92.2	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	61.1	72.2	81.7	91.1	93.3	93.7	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	61.3	72.5	82.2	91.8	94.4	94.8	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	61.4	72.6	82.4	92.5	95.4	96.5	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	61.4	72.6	82.4	92.6	95.6	96.8	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	61.4	72.7	82.6	92.8	95.9	97.1	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	61.4	72.7	82.7	93.0	96.1	97.3	98.6	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 100	61.4	72.7	82.7	93.0	96.1	97.3	98.6	99.1	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0
GE 000	61.4	72.7	82.7	93.0	96.1	97.3	98.6	99.1	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.0	25.1	27.5	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000	25.3	27.4	30.1	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 18000	25.7	28.0	30.6	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 16000	25.7	28.0	30.6	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 14000	27.0	29.4	32.0	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 12000	28.3	31.2	34.1	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	28.9	31.9	35.4	36.8	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	29.1	32.2	35.6	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 8000	30.6	33.9	37.3	39.0	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 7000	31.8	35.1	38.7	40.5	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 6000	32.8	36.0	39.7	41.6	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 5000	35.6	39.0	42.8	44.9	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 4500	36.2	39.7	43.5	45.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 4000	40.9	44.8	48.9	51.2	51.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 3500	46.5	48.9	53.4	55.8	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 3000	49.7	54.3	59.5	62.2	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 2500	61.7	66.8	72.0	75.1	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 2000	67.6	73.1	78.7	81.9	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	68.8	74.6	80.4	83.8	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	70.4	76.6	82.7	86.1	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	72.5	79.4	85.7	89.8	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	74.1	81.4	88.0	92.3	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	74.6	82.0	88.7	93.2	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	74.6	82.3	89.0	93.5	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	74.9	82.6	89.6	94.2	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	75.1	82.8	89.9	94.9	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	75.1	82.8	90.0	95.2	97.3	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	75.2	82.9	90.2	95.4	97.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	75.2	82.9	90.3	95.6	98.1	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	75.2	82.9	90.3	95.7	98.2	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	75.2	82.9	90.3	95.7	98.2	99.1	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	75.2	82.9	90.3	95.7	98.2	99.1	99.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.5	30.6	32.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000	31.8	34.0	36.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 18000	31.8	34.0	36.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	31.8	34.0	36.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	33.4	35.9	38.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 12000	34.6	37.2	39.6	40.9	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 10000	35.9	39.0	41.7	43.1	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 9000	36.3	39.5	42.2	43.9	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 8000	38.8	41.9	44.9	46.7	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 7000	40.1	43.2	46.5	48.6	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 6000	42.5	45.7	48.9	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 5000	45.3	48.6	52.2	54.4	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 4500	46.1	49.5	53.2	55.6	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 4000	50.8	54.7	59.1	61.9	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500	54.4	58.5	63.7	66.6	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3000	57.7	62.2	67.8	70.9	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	63.0	68.0	74.8	78.1	78.6	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	67.2	72.8	80.1	83.3	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	67.7	73.3	80.8	84.1	84.7	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	69.7	75.5	83.0	87.1	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	72.4	78.2	86.0	90.2	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	73.4	79.8	88.1	92.5	93.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	73.9	80.5	89.0	93.5	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	74.0	81.3	90.0	94.5	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	74.6	81.9	91.0	95.6	96.7	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	74.6	81.9	91.0	96.0	97.2	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	74.7	82.0	91.1	96.2	97.4	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	74.7	82.0	91.2	96.3	97.5	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	74.8	82.2	91.3	96.6	97.7	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	74.9	82.3	91.4	96.7	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.9	82.3	91.4	96.7	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.9	82.3	91.4	96.7	97.8	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	35.5	38.9	41.9	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	36.3	39.4	42.8	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 18000	36.5	39.5	42.9	46.2	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 16000	36.8	39.8	43.2	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 14000	37.7	40.8	44.2	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	38.6	41.8	45.5	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	40.4	43.9	47.6	51.1	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 9000	41.2	44.7	48.5	52.0	52.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	43.5	47.3	51.4	54.9	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 7000	44.9	48.7	53.2	57.1	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 6000	47.2	51.1	55.9	59.8	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	50.1	54.5	59.7	64.1	64.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4500	51.1	55.6	61.3	65.9	66.1	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	53.5	58.4	64.9	70.6	71.2	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	56.0	61.1	68.2	74.0	74.6	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	57.3	62.8	70.1	76.0	76.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	59.2	64.7	72.4	78.3	79.0	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	62.2	67.6	75.7	81.8	82.7	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	62.5	68.0	76.0	82.2	83.0	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	65.3	71.1	79.8	85.9	86....	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	67.0	73.2	82.3	88.7	89.8	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	67.7	74.3	84.1	90.6	91.9	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	67.7	74.5	84.3	91.1	92.5	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	67.7	75.1	85.1	91.8	93.3	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	68.0	75.5	85.6	92.7	94.4	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	68.1	75.6	85.8	93.3	95.4	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	68.7	76.2	86.5	94.1	96.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	68.7	76.2	86.5	94.1	96.5	97.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	68.7	76.2	86.5	94.1	96.6	97.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	68.7	76.2	86.5	94.1	96.6	97.8	99.2	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7
GE 100	68.7	76.2	86.5	94.1	96.6	97.8	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.8	100.0
GE 000	68.7	76.2	86.5	94.1	96.6	97.8	99.2	99.4	99.4	99.5	99.5	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	41.9	47.0	52.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	38.9	43.1	48.4	54.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	38.9	43.1	48.4	54.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	38.9	43.1	48.4	54.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	39.2	43.4	48.7	54.4	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	40.1	44.3	49.9	55.7	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	41.0	45.4	51.1	56.9	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	41.8	46.8	53.1	59.0	60.5	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	42.9	48.2	54.6	60.9	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	44.2	49.8	56.7	63.0	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	45.4	51.1	58.0	64.3	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	46.8	52.6	59.6	66.5	68.2	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	48.0	53.9	60.9	67.8	69.6	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	50.0	56.8	64.2	71.5	73.9	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	50.5	57.5	65.6	72.9	75.4	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	52.3	59.5	68.1	75.4	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	55.1	62.3	71.3	78.6	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	57.0	64.3	74.1	81.6	84.2	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	57.1	64.4	74.5	82.2	84.7	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	58.2	65.8	76.5	84.3	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	59.2	67.2	78.1	86.2	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	59.6	67.5	78.9	87.2	90.3	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	60.0	68.4	79.3	88.2	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	60.0	68.9	80.8	89.0	92.4	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	60.2	69.2	81.2	89.9	93.2	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	60.2	69.2	81.3	90.0	93.5	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	60.5	69.8	82.2	91.1	95.1	95.4	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	60.8	70.0	82.6	91.7	96.0	96.3	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	60.8	70.0	82.7	91.9	96.2	97.1	97.7	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	60.8	70.0	82.7	92.0	96.3	97.3	98.0	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1
GE 100	60.8	70.0	82.7	92.0	96.3	97.3	98.0	98.4	98.4	98.6	98.9	99.0	99.2	99.2	99.7	99.8
GE 000	60.8	70.0	82.7	92.0	96.3	97.3	98.0	98.4	98.4	98.6	98.9	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.5	30.0	34.7	38.6	39.8	40.3	40.6	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	28.5	32.0	36.9	41.0	42.4	42.9	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 18000	28.6	32.2	37.0	41.2	42.6	43.0	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000	28.7	32.3	37.2	41.4	42.8	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 14000	29.3	33.0	38.0	42.2	43.6	44.0	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.6
GE 12000	30.1	33.9	39.1	43.4	44.8	45.2	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	31.0	35.1	40.6	45.1	46.6	47.2	47.5	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 9000	31.5	35.3	41.6	46.1	47.7	48.2	48.5	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9
GE 8000	32.9	37.5	43.3	48.3	50.0	50.5	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 7000	34.1	38.8	45.1	50.3	52.0	52.6	53.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 6000	35.2	40.1	46.5	51.7	53.5	54.1	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9
GE 5000	37.3	42.4	49.2	54.3	56.7	57.4	57.9	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	38.2	43.4	50.2	56.0	57.9	58.5	59.0	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 4000	40.7	46.0	53.9	60.2	62.4	63.1	63.5	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1
GE 3500	42.7	48.1	56.6	63.0	65.2	65.9	66.5	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	45.5	51.9	60.0	66.4	68.6	69.5	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.6
GE 2500	50.7	57.4	66.0	72.6	75.0	75.9	76.4	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	54.4	61.4	70.5	77.2	79.7	80.6	81.1	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	55.2	62.3	71.5	78.4	81.0	81.7	82.4	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9
GE 1500	56.8	64.1	73.6	80.8	83.4	84.2	84.9	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4
GE 1200	58.7	66.5	76.4	83.9	86.6	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 1000	59.5	67.6	78.1	85.3	88.7	89.5	90.3	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	59.8	68.1	78.8	86.7	89.7	90.6	91.3	91.6	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9
GE 800	59.9	68.5	79.4	87.5	90.6	91.5	92.3	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 700	60.1	68.8	80.0	88.3	91.5	92.5	93.3	93.5	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0
GE 600	60.2	69.0	80.2	89.0	92.4	93.5	94.4	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	60.4	69.3	80.7	89.7	93.5	94.7	95.7	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5
GE 400	60.5	69.3	80.9	90.1	94.1	95.5	96.5	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	60.5	69.4	81.0	90.3	94.4	95.9	97.3	97.7	97.8	98.0	98.3	98.3	98.3	98.4	98.4	98.4
GE 200	60.5	69.4	81.1	90.5	94.5	96.1	97.5	98.1	98.1	98.4	98.7	98.8	98.9	98.9	99.0	99.0
GE 100	60.5	69.4	81.1	90.5	94.5	96.2	97.6	98.2	98.2	98.5	98.8	98.9	99.1	99.2	99.4	99.6
GE 000	60.5	69.4	81.1	90.5	94.6	96.2	97.6	98.2	98.2	98.5	98.8	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34473 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	41.7	45.4	50.3	50.7	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.2
GE 20000	39.6	43.3	47.2	52.1	52.4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	54.0
GE 18000	39.6	43.3	47.2	52.1	52.4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	54.0
GE 16000	39.6	43.3	47.2	52.1	52.4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	54.0
GE 14000	39.8	43.7	47.6	52.4	52.8	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.3
GE 12000	40.2	44.2	48.1	53.0	53.3	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.9
GE 10000	41.7	46.0	50.4	55.4	55.9	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.3
GE 9000	41.9	46.1	50.6	55.3	56.2	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.8
GE 8000	43.1	47.4	52.2	57.7	58.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.7
GE 7000	46.7	51.4	56.7	62.6	63.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.8
GE 6000	47.6	52.4	58.0	63.9	64.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.4
GE 5000	50.3	55.7	62.0	68.4	69.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	71.0
GE 4500	50.7	56.0	62.3	69.1	69.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.8
GE 4000	52.9	58.6	65.6	72.6	73.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.9
GE 3500	53.7	59.4	66.9	73.9	74.6	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.2
GE 3000	54.6	60.3	68.0	75.0	75.7	77.1	77.3	77.3	77.3	77.3	77.8	77.8	77.8	77.8	77.8	78.3
GE 2500	55.4	61.3	69.4	76.7	77.3	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
GE 2000	56.7	62.6	71.2	78.6	79.2	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9
GE 1800	57.0	62.9	71.8	79.1	79.8	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.4
GE 1500	58.0	64.0	72.9	80.3	81.7	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.3
GE 1200	58.6	64.7	73.7	82.2	83.1	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8
GE 1000	59.7	65.3	74.4	83.7	84.3	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.4
GE 900	59.1	65.7	74.8	84.1	85.3	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.0
GE 800	59.3	66.1	75.3	84.9	86.3	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
GE 700	59.3	66.1	75.7	85.2	86.7	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.3
GE 600	59.4	66.2	75.9	85.7	87.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.8
GE 500	59.8	66.6	76.7	86.3	88.3	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.4
GE 400	59.8	66.6	77.1	87.7	90.4	92.3	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.2
GE 300	59.8	66.7	77.2	88.0	90.7	92.9	94.7	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.9
GE 200	59.8	66.7	77.4	88.2	91.0	93.1	95.2	95.8	95.8	95.9	96.2	96.4	96.4	96.4	96.4	97.0
GE 100	59.8	66.7	77.6	88.4	91.4	93.5	95.7	96.3	96.3	96.4	96.8	97.0	97.1	97.2	97.8	98.9
GE 000	59.8	66.7	77.6	88.4	91.4	93.5	95.7	96.3	96.3	96.4	96.8	97.0	97.2	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM SUPPLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.8	24.0	32.0	37.6	39.6	39.9	41.4	41.9	42.0	42.2	42.3	42.4	42.4	42.4	42.4	43.0
GE 20000	22.4	24.8	33.0	38.6	40.6	40.9	42.4	42.9	43.0	43.2	43.3	43.4	43.4	43.4	43.4	44.0
GE 18000	22.4	24.8	33.0	38.6	40.6	40.9	42.4	42.9	43.0	43.2	43.3	43.4	43.4	43.4	43.4	44.0
GE 16000	22.4	24.8	33.0	38.6	40.6	40.9	42.4	42.9	43.0	43.2	43.3	43.4	43.4	43.4	43.4	44.0
GE 14000	23.7	26.6	34.8	40.4	42.6	42.9	44.4	44.9	45.0	45.2	45.3	45.4	45.4	45.4	45.4	46.0
GE 12000	24.2	27.3	35.8	42.0	44.1	44.4	46.0	46.4	46.6	46.8	46.9	47.0	47.0	47.0	47.0	47.6
GE 10000	25.2	28.4	37.3	44.4	46.7	47.0	48.6	49.0	49.1	49.3	49.4	49.6	49.6	49.6	49.6	50.1
GE 9000	25.4	28.8	38.4	45.1	47.3	47.7	49.2	49.7	49.8	50.0	50.1	50.2	50.2	50.2	50.2	50.8
GE 8000	26.7	30.4	40.7	47.4	49.6	50.1	51.8	52.3	52.4	52.7	52.8	52.9	52.9	52.9	52.9	53.4
GE 7000	27.9	32.0	43.0	50.1	52.6	53.0	54.7	55.3	55.6	55.8	55.9	56.0	56.0	56.0	56.0	56.6
GE 6000	28.1	32.3	43.8	51.1	53.6	54.1	56.2	56.7	56.9	57.2	57.4	57.6	57.6	57.6	57.6	58.2
GE 5000	30.4	35.1	43.6	56.3	59.4	60.0	62.3	62.8	63.0	63.3	63.6	63.7	63.7	63.7	63.7	64.3
GE 4500	30.7	35.6	49.0	56.9	60.4	61.0	63.3	63.8	64.0	64.3	64.6	64.7	64.7	64.7	64.7	65.3
GE 4000	32.7	38.1	51.9	60.7	64.3	65.0	67.7	68.3	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.9
GE 3500	33.2	38.7	52.8	61.9	65.7	66.3	69.0	69.7	69.9	70.2	70.4	70.6	70.6	70.6	70.6	71.2
GE 3000	34.6	40.6	54.7	64.0	67.9	68.6	71.2	71.9	72.1	72.4	72.7	72.8	72.8	72.8	72.8	73.4
GE 2500	36.0	42.1	56.4	66.0	70.2	70.9	73.6	74.2	74.4	74.6	75.0	75.1	75.1	75.1	75.1	75.8
GE 2000	36.3	42.9	57.7	67.3	71.8	72.4	75.2	75.9	76.1	76.4	76.7	76.8	76.8	76.8	76.8	77.4
GE 1800	36.9	43.0	57.8	67.4	71.9	72.6	75.3	76.0	76.2	76.5	76.8	76.9	76.9	76.9	76.9	77.6
GE 1500	37.7	44.0	58.9	68.6	73.3	74.1	76.9	77.6	77.8	78.1	78.3	78.4	78.4	78.4	78.4	79.1
GE 1200	39.1	45.6	61.0	70.9	75.0	76.0	78.6	79.2	79.4	79.8	80.0	80.1	80.1	80.1	80.1	81.8
GE 1000	39.4	46.1	61.7	71.6	76.0	77.1	80.1	81.3	81.5	81.9	82.1	82.2	82.2	82.2	82.2	82.9
GE 900	39.6	46.2	61.8	72.0	77.2	78.1	81.1	81.8	82.0	82.3	82.6	82.7	82.7	82.7	82.7	83.3
GE 800	39.9	46.8	62.6	72.8	78.1	79.0	82.0	82.7	82.9	83.2	83.4	83.6	83.6	83.6	83.6	84.2
GE 700	40.1	47.0	63.1	73.8	79.1	80.3	83.3	84.0	84.2	84.6	84.8	84.9	84.9	84.9	84.9	85.6
GE 600	40.2	47.3	63.9	74.9	80.3	81.6	84.7	85.3	85.6	85.9	86.1	86.2	86.2	86.2	86.2	86.9
GE 500	40.4	47.7	64.9	76.2	82.3	83.7	87.0	87.7	87.9	88.3	88.6	88.7	88.7	88.7	88.7	89.3
GE 400	40.8	48.1	65.9	77.6	84.1	86.0	89.3	91.2	91.7	92.6	93.2	93.4	93.4	93.4	93.4	94.1
GE 300	40.8	48.1	66.0	77.7	84.2	86.1	90.5	91.4	91.9	93.1	93.8	94.0	94.1	94.1	94.1	94.8
GE 200	40.8	48.1	66.2	77.9	84.7	86.8	91.2	92.8	93.1	94.6	95.4	95.7	95.8	95.8	96.1	96.8
GE 100	40.8	48.1	66.2	77.9	84.8	87.1	91.5	92.9	93.4	94.9	95.3	96.0	96.1	96.1	96.8	98.2
GE 000	40.8	48.1	66.2	77.9	84.8	87.1	91.5	92.9	93.4	94.9	95.9	96.1	96.2	96.2	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.1	27.6	31.1	35.3	36.8	37.7	38.2	38.4	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.9
GE 20000	23.9	29.4	33.0	37.2	38.7	39.6	40.1	40.3	40.4	40.4	40.6	40.7	40.7	40.7	40.7	40.8
GE 18000	23.9	29.4	33.0	37.2	38.7	39.6	40.1	40.3	40.4	40.4	40.6	40.7	40.7	40.7	40.7	40.8
GE 16000	23.9	29.4	33.1	37.4	38.9	39.8	40.3	40.6	40.7	40.7	40.8	40.9	40.9	40.9	40.9	41.0
GE 14000	24.7	30.3	34.3	38.7	40.1	41.0	41.6	41.8	41.9	41.9	42.0	42.1	42.1	42.1	42.1	42.2
GE 12000	25.7	31.7	35.9	40.3	41.8	42.7	43.2	43.4	43.6	43.6	43.7	43.8	43.8	43.8	43.8	43.9
GE 10000	26.7	33.3	37.9	42.4	43.9	44.8	45.4	45.7	45.8	45.9	46.0	46.1	46.1	46.1	46.1	46.2
GE 9000	26.9	33.7	38.3	42.9	44.3	45.2	45.8	46.1	46.2	46.3	46.4	46.6	46.6	46.6	46.6	46.7
GE 8000	28.4	36.1	41.6	46.3	47.9	48.9	49.6	49.8	49.9	50.0	50.1	50.2	50.2	50.2	50.2	50.3
GE 7000	29.6	37.8	43.7	48.9	50.6	51.7	52.3	52.6	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.1
GE 6000	30.6	38.9	44.9	50.7	52.3	53.4	54.4	54.7	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.3
GE 5000	32.8	41.7	48.6	55.0	56.8	57.9	59.2	59.4	59.6	59.8	59.9	60.0	60.0	60.0	60.0	60.1
GE 4500	33.3	42.2	49.2	55.3	57.7	58.8	60.1	60.3	60.4	60.7	60.8	60.9	60.9	60.9	60.9	61.0
GE 4000	35.3	44.6	52.0	59.0	60.9	62.0	63.6	63.8	64.1	64.3	64.4	64.6	64.6	64.6	64.6	64.7
GE 3500	36.2	45.7	53.6	60.8	62.7	63.8	65.3	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.4
GE 3000	37.1	46.9	54.8	62.4	64.4	65.6	67.1	67.3	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.2
GE 2500	38.8	49.3	57.6	65.6	67.6	68.7	70.4	70.7	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.6
GE 2000	40.8	51.6	60.0	68.2	70.3	71.6	73.3	73.6	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.4
GE 1800	41.8	52.7	61.1	69.3	71.4	72.7	74.4	74.8	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.7
GE 1500	43.1	54.4	63.0	71.2	73.4	74.7	76.4	76.8	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.7
GE 1200	45.4	57.0	66.0	74.4	76.9	78.2	80.0	80.3	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.2
GE 1000	46.6	58.4	67.8	76.3	79.0	80.3	82.1	82.4	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.3
GE 900	47.0	59.3	68.9	77.4	80.1	81.5	83.2	83.6	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.4
GE 800	47.3	59.9	69.6	78.3	81.3	82.9	84.3	85.1	85.4	85.7	85.8	85.9	85.9	85.9	85.9	86.0
GE 700	47.8	60.7	70.7	80.2	83.4	85.1	87.0	87.3	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.2
GE 600	48.3	61.3	71.7	81.9	85.3	87.0	89.4	89.8	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.7
GE 500	48.3	61.3	71.9	82.2	86.1	87.9	90.6	91.1	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.4
GE 400	48.4	61.4	72.2	83.0	87.3	89.2	91.9	92.6	93.3	93.8	94.2	94.4	94.6	94.6	94.6	94.7
GE 300	48.4	61.4	72.3	83.1	87.6	89.4	92.4	93.2	94.1	94.6	95.3	95.7	95.9	95.9	95.9	96.0
GE 200	48.4	61.7	72.6	83.4	87.9	90.0	93.0	93.9	94.8	95.4	96.2	96.9	97.3	97.3	97.8	98.1
GE 100	48.4	61.7	72.6	83.4	88.0	90.1	93.1	94.0	94.9	95.7	96.8	97.6	98.1	98.2	98.8	99.4
GE 000	48.4	61.7	72.6	83.4	88.0	90.1	93.1	94.0	94.9	95.7	96.8	97.6	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.6	28.4	31.6	33.8	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 20000	27.6	30.4	33.6	35.8	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 18000	28.0	30.9	34.0	36.2	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 16000	28.0	30.9	34.1	36.3	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	28.7	31.6	34.8	37.0	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 12000	29.9	33.0	36.2	38.6	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 10000	31.1	34.8	38.3	40.8	41.3	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 9000	31.8	35.8	39.7	42.4	43.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 8000	33.3	37.7	41.8	44.8	45.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 7000	34.6	39.6	44.1	47.2	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	36.1	41.1	45.7	48.8	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 5000	37.9	42.9	47.7	51.0	51.7	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 4500	38.7	43.7	48.7	52.0	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 4000	40.9	46.2	51.3	54.7	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 3500	43.6	48.9	54.0	57.7	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 3000	46.3	51.7	57.0	60.9	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 2500	51.4	57.2	62.9	66.9	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2000	56.8	62.9	69.0	73.1	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1800	58.3	64.4	70.8	74.9	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1500	60.8	67.3	73.7	78.0	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	64.8	72.0	78.6	82.9	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	65.9	73.4	80.1	85.2	86.4	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	66.6	74.2	81.4	86.6	87.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	66.9	74.7	82.2	87.4	88.7	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	67.1	75.1	82.9	88.7	89.9	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	67.3	75.7	83.7	89.9	91.2	92.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	67.6	76.1	84.2	90.9	92.4	93.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	67.7	76.2	85.2	92.3	93.9	95.1	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	67.7	76.6	85.6	93.0	94.7	95.9	98.0	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6
GE 200	67.7	76.6	85.6	93.0	94.8	96.0	98.1	98.4	98.4	99.2	99.4	99.8	99.9	99.9	99.9	99.9
GE 100	67.7	76.6	85.6	93.0	94.8	96.0	98.1	98.4	98.4	99.2	99.4	99.9	100.0	100.0	100.0	100.0
GE 000	67.7	76.6	85.6	93.0	94.8	96.0	98.1	98.4	98.4	99.2	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.6	32.0	33.7	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	30.8	33.3	35.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	31.0	33.6	35.2	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	31.0	33.6	35.2	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 14000	32.1	34.7	36.3	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 12000	32.8	35.6	37.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 10000	35.0	37.9	39.6	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 9000	35.3	38.4	40.1	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 8000	37.1	40.7	42.4	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 7000	38.7	42.6	44.7	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 6000	40.3	44.4	46.8	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 5000	42.0	46.3	49.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 4500	44.3	48.7	51.6	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 4000	49.4	54.3	57.4	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 3500	53.4	58.6	61.7	63.7	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3000	57.9	63.3	66.7	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 2500	64.0	69.9	73.7	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000	67.2	73.8	78.0	80.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	68.9	75.7	79.9	82.4	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	70.9	77.7	82.7	85.4	85.9	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	73.1	80.1	85.4	88.2	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	73.8	81.0	86.7	89.6	90.1	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	73.9	81.2	87.0	90.1	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	74.1	81.4	87.3	90.7	91.6	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	74.6	81.8	88.0	91.7	92.7	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	74.7	82.0	88.6	92.6	93.6	94.2	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	75.2	82.7	89.9	94.0	95.0	95.7	96.3	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	75.2	82.7	90.0	94.4	95.8	96.6	97.7	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	75.2	82.7	90.0	94.6	95.9	96.7	97.3	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	75.2	82.7	90.0	94.6	96.0	96.8	98.2	98.7	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	75.2	82.7	90.0	94.6	95.0	96.9	98.3	98.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	75.2	82.7	90.0	94.6	96.0	96.9	98.3	98.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.9	33.1	35.3	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000	33.2	35.7	37.9	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	33.4	35.9	38.1	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	33.6	36.0	38.2	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	34.6	37.1	39.3	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	35.6	39.0	41.2	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 10000	37.4	41.3	43.6	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 9000	38.1	42.4	44.7	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 8000	39.8	44.7	47.0	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 7000	42.4	47.4	49.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 6000	45.0	50.0	52.4	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	49.1	54.4	56.9	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 4500	51.4	56.8	59.2	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 4000	58.1	64.0	66.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	61.7	67.8	71.1	73.2	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	65.6	72.0	75.4	77.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	68.8	75.4	79.7	82.0	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2000	71.4	78.1	82.9	85.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	71.7	78.6	83.3	86.0	87.2	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	73.1	80.1	85.0	87.9	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	73.9	81.1	86.4	89.4	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	74.6	81.8	87.2	90.2	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	74.8	82.6	88.1	91.1	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	75.3	83.2	88.9	92.0	93.2	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	75.7	83.7	89.3	92.7	94.0	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	76.0	84.1	89.9	93.2	94.7	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	76.0	84.1	89.9	93.4	95.2	95.9	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	76.1	84.2	90.0	93.8	96.0	96.7	97.1	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	76.1	84.2	90.0	93.9	96.3	97.2	98.0	98.3	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0
GE 200	76.1	84.2	90.0	93.9	96.3	97.4	98.3	98.7	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.6
GE 100	76.1	84.2	90.0	93.9	96.3	97.4	98.3	98.7	98.8	99.1	99.6	99.9	99.9	99.9	100.0	100.0
GE 000	76.1	84.2	90.0	93.9	96.3	97.4	98.3	98.7	98.8	99.1	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

~~OPERATING LOCATION "A"~~ PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.3	41.9	44.4	45.1	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	41.8	45.4	48.0	48.9	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 18000	41.8	45.4	48.0	48.9	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	42.0	45.7	48.2	49.3	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	42.7	46.4	49.0	50.2	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	43.4	47.2	50.1	51.3	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 10000	46.3	50.4	53.6	55.1	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	47.2	51.3	54.6	56.0	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	50.0	54.2	57.7	59.2	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	52.9	57.8	61.3	62.9	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	54.7	59.6	63.8	65.8	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	58.7	64.1	68.4	70.6	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	59.6	65.0	69.3	71.7	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	62.6	68.6	73.0	75.9	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	64.4	71.2	76.2	79.3	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	66.1	73.3	78.7	81.8	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	67.9	75.1	80.4	83.8	84.9	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	69.6	76.8	82.4	85.9	87.1	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	69.9	77.4	83.1	86.6	87.8	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	70.4	78.2	83.9	87.8	89.2	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	70.9	78.7	84.3	88.2	89.7	90.2	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	71.2	79.0	84.8	88.7	90.2	91.0	91.3	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	71.7	79.4	85.3	89.2	90.8	91.6	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	72.2	80.0	86.0	90.0	91.6	92.4	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	72.4	80.2	86.3	90.3	92.0	92.9	93.2	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	72.7	80.6	87.1	91.7	93.7	94.7	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	72.7	80.6	87.3	92.1	94.2	95.3	95.8	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	72.8	80.7	87.6	92.4	95.0	96.2	96.7	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	72.8	80.7	87.8	92.8	95.4	96.7	97.5	97.8	98.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7
GE 200	72.8	80.7	87.8	92.8	95.4	96.8	97.7	98.0	98.3	98.4	99.0	99.0	99.1	99.1	99.1	99.1
GE 100	72.8	80.7	87.8	92.8	95.4	96.8	97.7	98.0	98.3	98.4	99.1	99.1	99.2	99.3	99.7	100.0
GE 000	72.8	80.7	87.8	92.8	95.4	96.8	97.7	98.0	98.3	98.4	99.1	99.1	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	39.2	43.8	48.8	50.2	50.8	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	37.0	41.3	45.9	50.9	52.3	52.9	53.1	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	37.1	41.4	46.0	51.0	52.4	53.0	53.2	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 16000	37.1	41.4	46.0	51.0	52.6	53.1	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	37.4	41.9	46.4	51.4	53.0	53.6	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	38.1	42.7	47.3	52.3	53.9	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	39.2	44.0	49.0	54.1	55.7	56.2	56.4	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	39.2	44.0	49.0	54.2	55.8	56.3	56.6	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	40.9	46.0	51.7	57.2	58.9	59.6	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 7000	43.6	49.0	55.2	60.9	62.6	63.2	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	44.8	50.3	56.6	62.3	64.1	64.8	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	47.3	53.7	60.4	66.8	68.6	69.2	69.4	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	48.1	54.6	61.3	67.8	69.6	70.2	70.4	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	51.0	57.8	64.6	71.6	73.4	74.2	74.6	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	52.1	59.0	66.1	73.4	75.4	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	54.4	61.4	68.9	76.3	78.7	79.4	79.8	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	55.6	62.7	70.4	77.9	80.2	81.0	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	56.8	64.0	71.8	79.3	81.7	82.4	82.9	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	57.6	64.8	72.6	80.2	82.6	83.3	83.8	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	58.2	65.6	73.4	81.8	84.4	85.3	85.9	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	58.8	66.3	74.7	83.2	86.0	86.9	87.4	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	59.3	67.2	75.7	84.3	87.2	88.1	88.7	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	59.6	67.4	75.9	84.6	87.4	88.3	88.9	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	60.0	67.9	76.3	85.1	88.0	88.9	89.7	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	60.1	68.0	76.7	85.7	88.9	89.8	90.6	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	60.2	68.1	77.2	86.7	90.3	91.2	92.1	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	60.2	68.1	77.6	87.6	91.4	92.6	93.4	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	60.2	68.1	77.8	88.1	92.3	93.6	94.6	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	60.2	68.1	77.8	88.4	93.1	94.6	95.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 200	60.2	68.1	78.0	88.7	93.3	94.8	96.0	97.0	97.0	97.4	97.6	97.6	97.6	97.8	97.8	97.9
GE 100	60.2	68.1	78.0	88.7	93.3	94.8	96.0	97.2	97.2	97.8	97.9	98.0	98.1	98.3	98.9	99.4
GE 000	60.2	68.1	78.0	88.7	93.3	94.8	96.0	97.2	97.2	97.8	97.9	98.0	98.1	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.1	33.5	37.2	40.2	41.0	41.4	41.7	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1
GE 20000	32.0	35.5	39.2	42.3	43.1	43.5	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.2
GE 18000	32.2	35.6	39.3	42.4	43.2	43.6	43.9	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.3
GE 16000	32.2	35.6	39.4	42.5	43.3	43.7	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.4
GE 14000	32.9	36.5	40.3	43.5	44.3	44.7	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.4
GE 12000	33.7	37.6	41.5	44.7	45.6	46.0	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.7
GE 10000	35.3	39.5	43.8	47.2	48.1	48.4	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2
GE 9000	35.7	40.1	44.4	47.9	48.8	49.2	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	50.0
GE 8000	37.4	42.2	46.9	50.6	51.5	51.9	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.8
GE 7000	39.5	44.7	49.8	53.7	54.7	55.1	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	56.0
GE 6000	40.9	46.1	51.5	55.6	56.6	57.1	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.1
GE 5000	43.6	49.2	55.2	59.7	60.8	61.3	61.9	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.3
GE 4500	44.6	50.3	56.3	60.9	62.1	62.6	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7
GE 4000	47.9	54.0	60.3	65.2	66.6	67.2	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.4
GE 3500	49.8	56.2	62.8	68.0	69.4	70.0	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3
GE 3000	52.1	58.7	65.5	70.8	72.4	73.0	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.3
GE 2500	54.7	61.6	68.8	74.3	75.9	76.5	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9
GE 2000	57.0	64.1	71.6	77.3	78.9	79.5	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	81.0
GE 1800	57.8	64.9	72.5	78.3	79.9	80.6	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0
GE 1500	59.0	66.4	74.2	80.2	32.0	82.7	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2
GE 1200	60.6	68.2	76.3	82.4	84.4	85.1	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6
GE 1000	61.2	69.0	77.3	83.7	85.8	86.6	87.5	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.1
GE 900	61.5	69.5	77.9	84.4	86.5	87.3	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.9
GE 800	61.9	70.0	78.5	85.2	87.3	88.3	89.2	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9
GE 700	62.1	70.3	79.1	86.0	88.3	89.3	90.3	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.0
GE 600	62.4	70.7	79.7	87.1	89.5	90.6	91.8	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.5
GE 500	62.5	70.9	80.3	87.9	90.8	91.9	93.2	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.2
GE 400	62.6	71.0	80.7	88.7	91.9	93.2	94.8	95.3	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.2
GE 300	62.6	71.1	80.8	88.9	92.3	93.7	95.6	96.1	96.4	96.7	97.0	97.1	97.2	97.2	97.2	97.3
GE 200	62.6	71.1	80.9	89.1	92.4	94.0	96.0	96.6	96.9	97.5	97.9	98.1	98.2	98.2	98.3	98.5
GE 100	62.6	71.1	81.0	89.1	92.5	94.1	96.1	96.8	97.1	97.7	98.2	98.4	98.6	98.6	99.0	99.5
GE 000	62.6	71.1	81.0	89.1	92.5	94.1	96.1	96.8	97.1	97.7	98.2	98.4	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.7	32.0	38.2	41.9	43.3	44.5	45.1	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.7
GE 20000	29.4	32.7	39.4	43.2	44.6	45.8	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	47.0
GE 18000	29.4	32.7	39.4	43.2	44.6	45.8	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	47.0
GE 16000	29.4	32.7	39.4	43.2	44.6	45.8	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	47.0
GE 14000	29.7	33.0	39.9	43.9	45.4	46.6	47.1	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.6	47.8
GE 12000	29.9	33.2	40.1	44.1	45.6	46.8	47.3	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.8	48.1
GE 10000	31.1	34.7	42.2	46.5	48.0	49.1	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.4
GE 9000	31.7	35.4	42.9	47.2	48.7	49.9	50.4	50.6	50.8	50.8	50.9	50.9	50.9	50.9	51.0	51.2
GE 8000	33.1	37.0	44.9	50.0	51.7	53.0	53.7	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.6
GE 7000	35.1	39.1	47.7	53.2	55.1	56.3	57.1	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.8	58.1
GE 6000	37.8	42.5	51.6	57.1	59.0	60.3	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.8	62.0
GE 5000	41.3	45.9	56.2	61.7	63.8	65.2	66.3	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.4
GE 4500	42.4	47.2	58.0	63.6	65.5	66.9	68.1	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.9	69.1
GE 4000	45.3	50.5	61.6	67.2	69.5	71.0	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.5
GE 3500	46.2	51.6	62.8	68.7	71.1	72.6	74.1	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	75.2
GE 3000	47.8	53.3	64.7	70.8	73.1	74.6	76.1	76.6	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.2
GE 2500	49.7	55.2	67.2	73.3	76.0	77.5	79.0	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.1
GE 2000	51.0	56.8	69.0	75.4	78.1	79.6	81.1	81.6	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.3
GE 1800	51.5	57.5	69.8	76.2	79.0	80.5	82.0	82.6	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.2
GE 1500	52.2	58.5	71.0	77.5	80.3	81.8	83.4	84.1	84.3	84.4	84.5	84.8	84.8	84.8	84.9	85.2
GE 1200	52.7	59.2	72.0	78.6	81.6	83.2	85.1	85.7	85.9	86.0	86.1	86.5	86.5	86.5	86.6	86.8
GE 1000	53.4	60.0	73.1	80.0	83.1	84.7	86.6	87.2	87.4	87.5	87.6	88.0	88.0	88.0	88.1	88.3
GE 900	53.6	60.0	73.2	80.1	83.2	84.8	86.7	87.3	87.5	87.6	87.7	88.1	88.1	88.1	88.2	88.4
GE 800	53.5	60.2	73.7	80.8	83.9	85.5	87.3	88.0	88.2	88.3	88.4	88.7	88.7	88.7	88.8	89.0
GE 700	53.5	60.2	74.0	81.2	84.3	85.9	87.7	88.4	88.6	88.7	88.8	89.1	89.1	89.1	89.2	89.5
GE 600	53.7	60.4	74.4	81.9	85.5	87.2	89.0	89.8	90.0	90.1	90.2	90.5	90.5	90.5	90.6	90.9
GE 500	53.7	60.8	74.9	82.5	86.6	88.4	90.8	91.6	91.8	92.0	92.2	92.5	92.5	92.5	92.6	92.8
GE 400	53.7	60.8	75.3	83.1	87.5	89.4	91.9	92.9	93.2	93.5	93.7	94.0	94.0	94.0	94.1	94.3
GE 300	54.0	61.1	75.8	84.1	88.7	90.6	93.4	94.4	94.7	95.1	95.2	95.5	95.7	95.7	95.8	96.0
GE 200	54.0	61.1	75.8	84.1	89.0	91.0	93.8	94.8	95.3	95.7	96.0	96.3	96.6	96.6	96.7	97.0
GE 100	54.0	61.1	75.9	84.3	89.2	91.2	94.1	95.3	95.8	96.7	97.0	97.5	97.8	97.8	98.1	98.9
GE 000	54.0	61.1	75.9	84.3	89.2	91.2	94.1	95.3	95.8	96.7	97.0	97.5	97.8	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

~~OPERATING LOCATION "A"~~ PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.9	19.5	26.0	30.4	32.8	33.9	34.5	35.4	35.5	36.2	37.0	37.0	37.3	37.3	37.5	38.0
GE 20000	15.7	20.2	27.1	31.7	34.1	35.2	36.0	36.9	37.0	37.7	38.5	38.5	38.8	38.8	39.0	39.5
GE 18000	15.7	20.2	27.1	31.7	34.1	35.2	36.0	36.9	37.0	37.7	38.5	38.5	38.8	38.8	39.0	39.5
GE 16000	15.7	20.2	27.1	31.7	34.1	35.2	36.0	36.9	37.0	37.7	38.5	38.5	38.8	38.8	39.0	39.5
GE 14000	15.8	20.3	27.5	32.3	34.6	35.7	36.7	37.6	38.0	38.8	39.6	39.6	39.9	39.9	40.1	40.8
GE 12000	15.8	20.4	27.8	32.8	35.4	36.5	37.6	38.8	38.9	39.8	40.5	40.5	40.9	40.9	41.1	41.7
GE 10000	16.9	21.5	29.4	34.6	37.5	38.7	40.0	41.2	41.3	42.2	43.1	43.2	43.5	43.5	43.8	44.5
GE 9000	16.9	21.5	29.6	34.8	37.7	38.9	40.2	41.4	41.5	42.4	43.3	43.4	43.8	43.8	44.0	44.7
GE 8000	18.8	24.0	32.6	38.7	41.8	43.2	44.5	45.7	45.8	46.7	47.6	47.7	48.1	48.1	48.4	49.2
GE 7000	19.5	25.3	34.2	40.8	44.2	45.7	47.6	48.9	49.2	50.2	51.2	51.4	51.7	51.8	52.2	53.0
GE 6000	20.5	26.6	36.0	42.7	46.7	48.2	50.1	51.4	51.7	52.7	53.7	53.9	54.2	54.3	54.6	55.5
GE 5000	23.1	29.6	40.6	48.3	52.8	54.5	56.9	58.2	58.7	59.7	60.9	61.1	61.4	61.5	61.8	62.7
GE 4500	23.5	30.0	41.4	49.0	53.5	55.3	57.6	58.9	59.5	60.4	61.6	61.8	62.2	62.3	62.6	63.6
GE 4000	25.7	32.7	45.5	53.3	58.0	59.9	62.8	64.3	64.8	65.8	67.0	67.2	67.5	67.6	68.0	68.8
GE 3500	26.5	33.4	46.3	54.3	59.0	61.0	63.9	65.4	65.9	66.9	68.1	68.3	68.6	68.7	69.0	69.9
GE 3000	28.6	35.6	48.6	56.6	61.6	63.5	66.5	68.0	68.5	69.5	70.6	70.9	71.2	71.3	71.6	72.5
GE 2500	29.5	36.5	49.6	57.7	63.0	65.2	68.4	69.9	70.4	71.4	72.6	72.8	73.1	73.4	73.8	74.6
GE 2000	31.4	38.5	52.2	60.5	66.0	68.2	71.4	73.0	73.5	74.5	75.7	75.9	76.2	76.6	76.9	77.7
GE 1800	32.4	39.5	53.1	61.5	67.0	69.5	72.7	74.3	74.8	75.8	77.0	77.2	77.5	77.8	78.2	79.0
GE 1500	33.0	40.4	54.5	63.1	68.6	71.1	74.3	75.9	76.5	77.5	78.7	79.1	79.5	79.8	80.1	81.0
GE 1200	33.9	41.5	55.9	64.5	70.0	72.5	76.0	77.6	78.2	79.2	80.4	80.9	81.2	81.5	81.8	82.7
GE 1000	34.5	42.6	57.6	66.5	72.4	74.8	78.7	80.3	80.9	81.9	83.1	83.5	83.9	84.3	84.6	85.5
GE 900	34.6	42.7	58.0	67.0	73.1	75.6	79.5	81.1	81.6	82.7	83.9	84.3	84.6	85.1	85.4	86.2
GE 800	34.7	43.0	58.5	67.7	74.3	76.8	80.6	82.3	82.8	83.9	85.1	85.5	85.8	86.2	86.6	87.4
GE 700	35.1	43.3	59.0	68.3	75.1	77.5	81.4	83.0	83.5	84.6	85.8	86.2	86.6	87.0	87.3	88.2
GE 600	35.1	43.3	59.6	69.1	76.0	78.7	82.9	84.5	85.1	86.2	87.4	87.8	88.2	88.6	88.9	89.8
GE 500	35.3	43.7	60.6	71.0	78.2	81.0	85.7	87.5	88.2	89.9	91.1	91.5	91.8	92.3	92.6	93.4
GE 400	35.3	43.7	60.6	71.1	78.4	81.2	86.2	88.1	88.8	90.8	91.9	92.4	92.7	93.1	93.4	94.3
GE 300	35.4	43.8	60.9	71.5	79.0	81.8	87.1	89.0	89.9	91.9	93.1	93.8	94.1	94.5	94.8	95.7
GE 200	35.4	43.8	60.9	71.6	79.2	82.0	87.4	89.5	90.5	92.7	93.9	94.6	94.9	95.4	95.7	96.7
GE 100	35.4	43.8	60.9	71.6	79.2	82.2	87.5	89.6	90.9	93.2	94.6	95.6	96.0	96.8	97.1	98.6
GE 000	35.4	43.8	60.9	71.6	79.2	82.2	87.5	89.6	90.9	93.2	94.6	95.6	96.0	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
[redacted] ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.1	20.0	24.9	28.6	29.5	30.0	30.8	31.2	31.3	31.4	31.7	31.8	31.9	32.0	32.0	32.2
GE 20000	16.5	20.4	25.5	29.2	30.1	30.6	31.4	31.8	31.9	32.0	32.4	32.5	32.6	32.7	32.7	32.8
GE 18000	16.5	20.4	25.6	29.4	30.2	30.8	31.5	31.9	32.0	32.2	32.5	32.6	32.7	32.8	32.8	32.9
GE 16000	16.5	20.4	25.6	29.4	30.2	30.8	31.5	31.9	32.0	32.2	32.5	32.6	32.7	32.8	32.8	32.9
GE 14000	16.7	20.6	25.8	29.8	30.6	31.2	32.0	32.7	32.8	32.9	33.2	33.3	33.4	33.5	33.7	33.8
GE 12000	17.2	21.5	27.0	31.1	32.0	32.6	33.4	34.1	34.2	34.3	34.6	34.7	34.8	34.9	35.1	35.2
GE 10000	18.7	23.8	29.8	34.0	35.2	35.8	36.9	37.5	37.6	37.7	38.1	38.2	38.3	38.4	38.5	38.6
GE 9000	18.8	24.0	30.1	34.4	35.6	36.2	37.3	38.0	38.1	38.2	38.5	38.6	38.7	38.8	38.9	39.0
GE 8000	20.4	25.8	32.5	37.1	38.5	39.2	40.3	41.5	41.6	41.7	42.2	42.3	42.4	42.5	42.6	42.7
GE 7000	21.7	27.6	34.7	39.7	41.4	42.4	44.2	44.9	45.1	45.2	45.6	45.8	45.9	46.0	46.1	46.2
GE 6000	23.0	29.0	36.3	41.6	43.9	44.8	46.7	47.4	47.5	47.6	48.1	48.3	48.4	48.5	48.6	48.7
GE 5000	25.6	32.3	40.3	46.0	48.6	49.8	52.3	53.2	53.3	53.4	53.9	54.1	54.2	54.3	54.4	54.5
GE 4500	25.7	32.9	41.4	47.2	49.8	51.1	53.5	54.5	54.6	54.7	55.2	55.4	55.5	55.6	55.7	55.8
GE 4000	27.2	35.4	44.5	51.1	53.7	54.9	57.7	58.8	58.9	59.0	59.5	59.7	59.9	60.0	60.1	60.2
GE 3500	28.6	36.7	46.1	52.9	55.6	57.1	60.1	61.2	61.4	61.5	61.9	62.2	62.4	62.5	62.6	62.7
GE 3000	29.8	38.2	48.0	55.1	57.7	59.4	62.5	63.5	63.8	63.9	64.3	64.5	64.7	64.8	64.9	65.1
GE 2500	31.5	40.1	50.2	57.5	60.4	62.2	65.5	66.6	66.8	66.9	67.3	67.5	67.7	67.8	68.0	68.1
GE 2000	33.3	42.2	52.7	60.2	63.1	64.8	68.6	69.7	69.9	70.0	70.4	70.6	70.9	71.0	71.1	71.3
GE 1800	34.3	43.3	54.0	61.6	64.5	66.2	70.0	71.1	71.3	71.4	71.8	72.0	72.3	72.4	72.5	72.7
GE 1500	35.8	45.1	55.9	63.8	66.9	68.6	72.5	73.7	74.2	74.3	74.7	74.9	75.2	75.3	75.4	75.6
GE 1200	37.3	47.4	58.8	67.0	70.1	72.0	76.0	77.2	77.7	77.8	78.3	78.5	78.7	78.8	78.9	79.1
GE 1000	38.3	49.0	61.5	70.2	73.8	75.7	79.8	81.2	81.7	81.8	82.3	82.5	82.7	82.9	83.0	83.2
GE 900	38.4	49.1	61.8	70.6	74.7	76.7	80.8	82.2	82.7	82.8	83.2	83.4	83.7	83.9	84.0	84.2
GE 800	39.4	50.3	63.2	72.2	76.8	78.7	82.9	84.3	84.8	84.9	85.4	85.6	85.8	86.0	86.1	86.3
GE 700	39.6	50.5	64.1	73.3	78.4	80.3	84.5	85.9	86.5	86.6	87.0	87.2	87.4	87.6	87.7	88.0
GE 600	40.1	51.2	64.9	74.5	80.0	82.0	86.3	87.7	88.3	88.6	89.0	89.2	89.5	89.7	89.8	90.0
GE 500	40.4	51.7	66.6	76.8	82.4	84.3	89.6	91.2	91.7	92.2	92.6	92.8	93.0	93.2	93.3	93.5
GE 400	40.5	51.8	67.1	77.5	83.4	86.1	91.0	92.9	93.4	94.0	94.4	94.6	94.9	95.2	95.3	95.5
GE 300	40.5	51.8	67.1	77.8	83.9	86.7	91.9	94.4	95.4	96.2	96.8	97.0	97.3	97.6	97.7	98.0
GE 200	40.5	51.8	67.1	77.8	83.9	86.7	91.9	94.4	95.5	96.3	97.4	97.7	98.1	98.4	98.5	98.7
GE 100	40.5	51.8	67.1	77.8	83.9	86.7	91.9	94.4	95.5	96.3	97.4	97.7	98.2	98.5	98.6	98.9
GE 000	40.5	51.8	67.1	77.8	83.9	86.7	91.9	94.4	95.5	96.3	97.4	97.7	98.2	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.0	23.4	24.9	25.3	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 20000	22.0	24.5	26.0	26.3	27.0	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 18000	22.2	24.6	26.1	26.5	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 16000	22.2	24.6	26.1	26.5	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 14000	22.6	25.1	26.7	27.0	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 12000	23.7	26.6	28.3	28.8	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 10000	25.5	28.8	31.2	31.7	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 9000	26.3	29.7	32.0	32.6	33.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 8000	27.7	31.5	34.8	36.1	36.9	37.1	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 7000	28.5	32.3	36.0	37.3	38.2	38.4	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 6000	30.3	34.3	38.5	39.8	40.6	40.9	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 5000	31.7	35.9	40.2	41.6	42.5	42.7	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	31.8	36.0	40.4	41.8	42.8	43.0	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	34.8	39.1	44.2	45.9	47.1	47.3	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 3500	36.9	42.3	48.0	49.9	51.2	51.4	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 3000	38.8	44.3	50.1	52.0	53.3	53.5	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2500	44.1	50.2	56.5	58.4	59.7	59.9	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 2000	51.2	57.7	64.0	66.2	67.6	67.8	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 1800	53.5	60.4	66.8	69.1	70.5	70.8	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1500	56.5	64.5	71.8	74.6	76.1	76.3	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1200	60.4	69.7	78.0	80.9	82.4	82.6	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1000	62.0	71.7	81.4	84.6	86.2	86.5	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	62.5	72.6	82.4	86.1	87.8	88.1	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	62.9	73.5	83.7	87.7	89.5	89.8	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	63.2	74.1	84.2	88.3	90.1	90.5	91.5	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	63.8	74.7	85.5	90.8	92.7	93.1	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	64.0	74.9	85.8	91.2	93.2	94.1	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	64.1	75.1	86.3	91.7	94.2	95.1	96.5	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	64.1	75.1	86.6	92.0	94.5	95.7	97.2	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 200	64.1	75.1	86.6	92.2	94.6	95.8	97.3	98.5	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7
GE 100	64.1	75.1	86.6	92.2	94.6	95.8	97.3	98.5	98.7	99.2	99.5	99.8	99.8	99.9	99.9	99.9
GE 000	64.1	75.1	86.6	92.2	94.6	95.8	97.3	98.5	98.7	99.2	99.5	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: 12-16

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	22.0	23.8	24.2	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 20000	21.0	23.0	24.7	25.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 18000	21.0	23.0	24.7	25.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000	21.1	23.1	24.8	25.3	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 14000	22.0	24.1	25.8	26.2	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 12000	22.8	25.2	26.9	27.3	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 10000	24.9	27.5	29.6	30.3	30.8	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 9000	25.4	28.2	30.2	31.0	31.4	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 8000	27.5	30.6	33.0	33.9	34.4	34.5	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8
GE 7000	29.5	33.2	35.6	36.5	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4
GE 6000	31.9	35.8	38.5	39.4	39.9	40.0	40.1	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4
GE 5000	34.7	38.7	41.5	42.4	42.9	43.0	43.2	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
GE 4500	36.7	41.0	43.9	44.8	45.3	45.4	45.6	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 4000	41.6	47.0	50.6	51.8	52.5	52.6	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 3500	44.9	51.3	55.4	56.6	57.4	57.6	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 3000	49.0	55.5	59.7	61.2	62.0	62.2	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	57.2	64.1	68.6	70.3	71.7	71.8	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	62.2	69.9	75.1	77.4	78.5	78.6	79.3	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	64.0	71.7	77.3	79.7	80.8	81.0	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	67.1	75.1	81.7	84.5	85.8	86.1	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	68.7	77.0	84.3	87.5	88.9	89.1	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	69.4	78.2	86.1	89.7	91.2	91.5	91.9	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	69.6	78.4	86.5	90.4	92.0	92.4	92.8	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	70.0	78.8	87.0	91.2	92.9	93.3	93.8	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	70.3	79.1	87.8	92.3	94.2	94.8	95.4	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	70.9	80.0	88.7	93.3	95.3	96.1	96.8	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	71.0	80.3	89.1	93.9	96.0	97.2	98.0	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	71.1	80.4	89.4	94.2	96.3	97.5	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	71.1	80.4	89.4	94.3	96.5	97.7	98.5	99.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	71.1	80.4	89.4	94.3	96.6	97.7	98.5	99.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	71.1	80.4	89.4	94.3	96.6	97.7	98.5	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	71.1	80.4	89.4	94.3	96.6	97.7	98.5	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 — MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.0	29.8	29.8	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 20000	28.1	30.9	31.8	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	28.1	30.9	31.8	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 16000	28.1	30.9	31.8	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 14000	28.9	31.8	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	29.8	32.8	33.8	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 10000	31.4	35.2	36.1	36.7	36.7	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	32.2	36.1	37.3	37.8	37.8	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 8000	35.5	39.8	41.6	42.4	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 7000	38.4	42.9	44.9	45.8	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	42.6	47.6	50.0	50.9	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 5000	48.6	54.0	56.6	57.5	57.5	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	51.4	57.2	60.1	61.1	61.1	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4000	56.1	62.4	65.9	67.4	67.5	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	59.5	66.0	70.4	72.4	72.6	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3000	62.2	69.2	74.1	76.0	76.2	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	65.3	73.2	78.9	81.3	81.5	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	68.2	75.9	81.7	84.3	84.6	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	68.8	76.7	82.6	85.2	85.5	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	70.4	78.5	84.7	87.4	87.6	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	71.4	80.0	86.7	89.6	90.0	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	72.2	81.1	88.1	91.2	92.0	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	72.3	81.2	88.2	91.5	92.4	93.4	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	72.6	81.7	88.8	92.3	93.1	94.1	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	72.7	81.9	89.4	93.0	93.9	94.9	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	73.2	82.5	90.1	93.5	94.4	95.5	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	73.4	82.7	90.4	93.9	94.7	95.7	96.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	73.4	82.7	90.5	94.1	95.2	96.1	97.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	73.4	82.7	90.6	94.2	95.3	96.3	97.4	98.6	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	73.4	82.7	90.6	94.3	95.4	96.3	97.5	98.8	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	73.4	82.7	90.6	94.3	95.4	96.3	97.5	98.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	73.4	82.7	90.6	94.3	95.4	96.3	97.5	98.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 330

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.9	31.8	33.4	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	30.2	33.3	34.9	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	30.4	33.7	35.4	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	30.5	33.8	35.5	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 14000	31.5	34.7	36.6	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 12000	32.8	36.2	38.3	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	34.7	38.5	40.6	42.6	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 9000	35.6	39.7	42.2	44.2	44.4	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 8000	38.8	43.4	46.2	48.5	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 7000	40.5	45.3	48.3	51.0	51.5	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 6000	44.7	50.6	53.9	56.6	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 5000	49.6	55.3	59.0	61.8	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	51.6	58.5	62.5	65.5	66.2	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4000	56.6	63.8	68.0	71.3	72.4	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	58.9	66.1	70.5	74.2	75.4	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3000	60.2	67.7	72.4	76.1	77.3	77.6	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	62.3	69.8	74.8	79.4	80.8	81.1	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	64.2	72.3	77.3	82.0	83.9	84.2	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	64.5	72.6	77.6	82.5	84.3	84.6	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	65.9	74.2	79.2	84.1	86.1	86.5	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	67.0	75.6	80.9	85.8	88.0	88.4	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	67.6	76.2	81.6	86.9	89.4	89.8	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	68.1	76.7	82.0	87.3	89.8	90.2	91.4	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	68.7	77.5	83.0	88.3	90.8	91.2	92.4	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	68.9	78.3	83.8	89.4	91.8	92.3	93.4	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	69.4	78.9	84.6	90.3	92.9	93.4	94.5	95.6	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1
GE 500	69.6	79.1	84.8	90.9	93.8	94.4	95.5	96.6	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2
GE 400	69.6	79.1	84.8	90.9	94.0	94.6	95.7	96.9	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5
GE 300	69.6	79.1	84.8	91.0	94.1	94.7	96.0	97.1	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.1
GE 200	69.6	79.1	84.8	91.0	94.1	94.7	96.2	97.3	97.5	98.3	98.5	98.8	98.8	98.8	98.8	98.8
GE 100	69.6	79.1	84.8	91.0	94.1	94.7	96.3	97.3	97.5	98.3	98.6	98.9	99.0	99.0	99.0	99.2
GE 000	69.6	79.1	84.8	91.0	94.1	94.7	96.2	97.3	97.5	98.3	98.6	98.9	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.0	31.0	34.9	38.0	39.2	39.4	39.9	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.6	40.8
GE 20000	29.1	32.4	36.3	39.4	40.6	40.8	41.3	41.7	41.7	41.9	41.9	41.9	41.9	41.9	42.0	42.2
GE 18000	29.1	32.4	36.5	39.5	40.8	40.9	41.4	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.2	42.3
GE 16000	29.2	32.5	36.6	39.6	40.9	41.0	41.5	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.3	42.4
GE 14000	29.8	33.0	37.1	40.2	41.5	41.6	42.2	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.2	43.3
GE 12000	30.5	33.8	37.8	41.0	42.3	42.4	42.9	43.7	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.1
GE 10000	31.7	35.3	39.8	43.2	44.5	44.7	45.5	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.6	46.7
GE 9000	32.4	36.9	40.8	44.2	45.5	45.8	46.6	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.6	47.7
GE 8000	34.1	37.8	43.4	47.2	48.7	49.1	49.9	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.2
GE 7000	35.5	39.6	45.4	49.1	51.3	51.7	52.6	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.9	54.0
GE 6000	38.7	43.2	49.8	53.5	55.7	56.1	57.0	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.6
GE 5000	42.2	47.0	54.1	58.4	60.9	61.3	62.2	63.2	63.3	63.7	63.7	63.8	63.8	63.8	63.9	64.0
GE 4500	44.0	49.1	56.8	61.1	63.7	64.1	64.9	66.0	66.1	66.5	66.5	66.6	66.6	66.6	66.7	66.8
GE 4000	48.1	54.0	61.9	66.6	69.1	69.7	70.8	71.8	71.9	72.3	72.3	72.4	72.5	72.5	72.6	72.7
GE 3500	48.8	54.7	62.8	67.6	70.8	71.3	72.6	73.8	73.9	74.3	74.3	74.4	74.5	74.5	74.6	74.7
GE 3000	51.0	56.9	65.4	70.5	73.8	74.3	75.6	76.9	77.0	77.4	77.4	77.5	77.6	77.6	77.7	77.8
GE 2500	52.9	58.9	68.5	73.8	77.2	77.8	79.4	80.8	80.9	81.3	81.4	81.5	81.6	81.7	81.8	81.9
GE 2000	54.2	60.4	70.0	75.5	79.1	79.8	81.3	82.7	82.8	83.2	83.3	83.4	83.5	83.7	83.8	83.9
GE 1800	54.7	61.0	70.5	76.0	79.7	80.3	81.8	83.2	83.3	83.8	83.9	84.0	84.1	84.2	84.3	84.4
GE 1500	55.8	62.7	72.7	78.5	82.2	82.8	84.4	85.8	85.9	86.3	86.5	86.6	86.7	86.8	86.9	87.0
GE 1200	56.2	63.7	74.0	80.0	83.8	84.5	86.1	87.5	87.6	88.1	88.2	88.3	88.4	88.5	88.6	88.7
GE 1000	56.5	63.9	74.6	80.8	84.5	85.4	87.1	88.5	88.6	89.0	89.1	89.2	89.4	89.5	89.7	89.8
GE 900	56.5	63.9	74.6	80.8	84.5	85.4	87.1	88.5	88.6	89.0	89.1	89.2	89.4	89.5	89.7	89.8
GE 800	56.9	64.4	75.4	81.8	85.6	86.6	88.4	89.8	89.9	90.3	90.4	90.5	90.6	90.8	91.0	91.1
GE 700	56.9	64.4	75.4	81.8	85.6	86.6	88.4	89.8	89.9	90.3	90.4	90.5	90.6	90.8	91.0	91.1
GE 600	57.2	64.8	75.9	82.6	86.6	87.6	89.3	91.3	91.4	91.8	91.9	92.0	92.2	92.3	92.5	92.6
GE 500	57.5	65.3	77.1	83.8	88.1	89.1	91.3	93.4	93.5	94.2	94.4	94.5	94.6	94.7	94.9	95.1
GE 400	57.5	65.3	77.2	83.9	88.4	89.6	92.3	94.0	94.2	94.9	95.3	95.4	95.5	95.6	95.8	95.9
GE 300	57.5	65.3	77.4	84.1	88.6	89.8	92.5	94.3	94.5	95.4	95.7	95.8	95.9	96.0	96.2	96.3
GE 200	57.5	65.3	77.4	84.1	88.9	90.2	93.0	94.8	95.2	96.1	96.5	96.6	96.7	96.8	97.0	97.1
GE 100	57.5	65.3	77.4	84.2	89.0	90.3	93.2	95.1	95.4	96.5	97.0	97.3	97.8	98.1	98.3	98.7
GE 000	57.5	65.3	77.4	84.2	89.0	90.3	93.2	95.1	95.4	96.5	97.0	97.3	97.8	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.0	26.1	29.5	31.7	32.5	32.9	33.3	33.5	33.6	33.7	33.8	33.8	33.9	33.9	34.0	34.1
GE 20000	24.0	27.2	30.7	33.0	33.9	34.2	34.6	34.9	34.9	35.0	35.2	35.2	35.2	35.3	35.3	35.4
GE 18000	24.0	27.2	30.8	33.1	34.0	34.4	34.7	35.0	35.0	35.1	35.3	35.3	35.3	35.4	35.4	35.5
GE 16000	24.1	27.3	30.9	33.1	34.0	34.4	34.7	35.0	35.0	35.2	35.3	35.3	35.4	35.4	35.5	35.6
GE 14000	24.6	27.8	31.5	33.9	34.8	35.2	35.5	35.9	36.0	36.1	36.3	36.3	36.3	36.3	36.4	36.5
GE 12000	25.3	28.7	32.5	34.9	35.9	36.3	36.7	37.0	37.1	37.2	37.4	37.4	37.4	37.4	37.5	37.6
GE 10000	26.9	30.7	34.8	37.4	38.5	38.9	39.4	39.8	39.9	40.0	40.2	40.2	40.3	40.3	40.3	40.5
GE 9000	27.6	31.3	35.6	38.3	39.3	39.8	40.3	40.7	40.7	40.9	41.0	41.1	41.1	41.1	41.2	41.4
GE 8000	29.5	33.8	38.6	41.7	42.9	43.5	44.1	44.5	44.6	44.7	44.9	45.0	45.0	45.0	45.1	45.3
GE 7000	31.1	35.7	40.9	44.2	45.6	46.2	46.9	47.4	47.5	47.7	47.9	47.9	48.0	48.0	48.1	48.3
GE 6000	33.7	38.7	44.3	47.7	49.2	49.8	50.6	51.2	51.2	51.4	51.6	51.7	51.7	51.7	51.8	52.0
GE 5000	37.0	42.3	48.6	52.2	53.9	54.6	55.6	56.2	56.3	56.5	56.7	56.8	56.8	56.9	56.9	57.1
GE 4500	38.6	44.0	50.6	54.3	56.0	56.7	57.7	58.3	58.4	58.6	58.8	58.9	58.9	59.0	59.0	59.2
GE 4000	41.9	48.1	55.3	59.3	61.2	62.0	63.2	63.8	63.9	64.1	64.3	64.4	64.4	64.5	64.6	64.7
GE 3500	43.8	50.3	57.8	62.1	64.1	64.9	66.2	66.8	67.0	67.2	67.4	67.5	67.5	67.6	67.6	67.8
GE 3000	45.9	52.6	60.4	64.8	66.9	67.8	69.0	69.7	69.9	70.1	70.3	70.4	70.4	70.5	70.6	70.7
GE 2500	49.1	56.0	64.3	69.0	71.3	72.2	73.6	74.3	74.5	74.7	74.9	75.0	75.1	75.1	75.2	75.4
GE 2000	51.3	59.2	67.7	72.7	75.1	76.1	77.6	78.3	78.5	78.7	78.9	79.0	79.1	79.1	79.2	79.4
GE 1800	53.0	60.3	69.0	74.0	76.4	77.4	79.0	79.7	79.9	80.0	80.3	80.3	80.4	80.5	80.6	80.8
GE 1500	54.6	62.4	71.5	76.7	79.2	80.3	81.9	82.6	82.8	83.1	83.3	83.4	83.5	83.6	83.7	83.8
GE 1200	56.0	64.3	73.8	79.2	81.8	82.9	84.6	85.4	85.6	85.8	86.1	86.2	86.3	86.4	86.4	86.6
GE 1000	56.7	65.3	75.5	81.2	84.1	85.2	87.0	87.8	88.0	88.2	88.5	88.6	88.7	88.8	88.9	89.1
GE 900	56.9	65.6	75.8	81.7	84.7	85.8	87.6	88.5	88.7	88.9	89.2	89.3	89.4	89.5	89.6	89.8
GE 800	57.3	66.2	76.7	82.7	85.8	87.0	88.8	89.7	89.9	90.2	90.4	90.6	90.6	90.7	90.8	91.0
GE 700	57.5	66.5	77.2	83.4	86.7	87.8	89.7	90.7	90.9	91.1	91.4	91.5	91.6	91.7	91.8	92.0
GE 600	57.9	67.0	78.0	84.5	87.9	89.2	91.3	92.3	92.5	92.8	93.1	93.2	93.3	93.4	93.5	93.7
GE 500	58.1	67.3	78.7	85.5	89.1	90.6	93.0	94.0	94.3	94.7	95.0	95.2	95.2	95.3	95.4	95.6
GE 400	58.1	67.4	78.9	85.8	89.7	91.3	93.7	94.9	95.2	95.7	96.0	96.2	96.3	96.4	96.5	96.6
GE 300	58.2	67.4	79.1	86.1	90.1	91.7	94.3	95.7	96.0	96.8	97.1	97.3	97.4	97.5	97.6	97.8
GE 200	58.2	67.4	79.1	86.2	90.2	91.9	94.5	95.9	96.4	97.2	97.6	97.9	98.1	98.2	98.3	98.5
GE 100	58.2	67.4	79.1	86.2	90.3	91.9	94.6	96.0	96.5	97.4	98.0	98.3	98.6	98.8	98.9	99.3
GE 000	58.2	67.4	79.1	86.2	90.3	91.9	94.6	96.0	96.5	97.4	98.0	98.3	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.4	33.0	40.1	44.1	45.8	46.5	47.5	48.0	48.0	48.4	48.4	48.5	48.8	48.8	49.1	49.8
GE 20000	28.5	33.2	40.4	44.4	46.1	46.8	47.8	48.3	48.3	48.7	48.7	48.8	49.1	49.1	49.5	50.1
GE 18000	28.7	33.4	40.6	44.6	46.3	47.0	48.1	48.5	48.5	48.9	48.9	49.0	49.4	49.4	49.7	50.3
GE 16000	28.7	33.4	40.6	44.6	46.3	47.0	48.1	48.5	48.5	48.9	48.9	49.0	49.4	49.4	49.7	50.3
GE 14000	28.9	33.9	41.1	45.1	46.8	47.4	48.5	48.9	48.9	49.4	49.4	49.5	49.8	49.8	50.1	50.8
GE 12000	29.8	34.8	42.4	46.3	48.1	48.7	49.8	50.2	50.2	50.6	50.6	50.8	51.1	51.1	51.4	52.0
GE 10000	30.8	36.1	44.6	48.9	50.6	51.3	52.4	52.8	52.8	53.2	53.2	53.3	53.7	53.7	54.0	54.6
GE 9000	31.3	36.7	45.2	49.6	51.3	51.9	53.0	53.4	53.4	53.9	53.9	54.0	54.3	54.3	54.6	55.3
GE 8000	33.5	39.1	48.0	53.0	54.7	55.4	56.5	56.9	56.9	57.3	57.3	57.4	57.7	57.7	58.1	58.7
GE 7000	36.9	42.9	52.4	57.5	59.2	60.0	61.2	61.6	61.6	62.0	62.0	62.2	62.5	62.5	62.8	63.4
GE 6000	37.4	43.5	53.4	59.2	61.2	61.9	63.2	63.7	63.7	64.1	64.1	64.2	64.5	64.5	64.8	65.5
GE 5000	40.9	48.0	58.8	65.5	67.4	68.2	69.5	69.9	69.9	70.3	70.3	70.4	70.8	70.8	71.1	71.7
GE 4500	41.5	48.7	59.6	66.3	68.3	69.0	70.3	70.8	70.8	71.2	71.2	71.3	71.6	71.6	71.9	72.6
GE 4000	44.2	51.8	63.2	70.3	72.3	73.0	74.3	74.7	74.7	75.2	75.2	75.3	75.6	75.6	75.9	76.6
GE 3500	44.2	51.8	63.3	70.4	72.4	73.1	74.4	74.8	74.8	75.3	75.3	75.4	75.7	75.7	76.0	76.7
GE 3000	44.8	52.8	64.6	72.0	74.0	74.7	76.0	76.5	76.5	76.9	76.9	77.0	77.3	77.3	77.6	78.3
GE 2500	45.5	53.7	65.7	73.4	75.5	76.2	77.5	78.0	78.0	78.4	78.4	78.5	78.8	78.8	79.1	79.8
GE 2000	46.0	54.8	67.5	75.6	77.8	78.6	79.9	80.3	80.3	80.8	80.8	80.9	81.2	81.2	81.5	82.2
GE 1800	46.2	55.2	67.8	75.9	78.2	78.9	80.2	80.6	80.6	81.1	81.1	81.2	81.5	81.5	81.8	82.5
GE 1500	46.5	55.5	68.6	76.8	79.0	79.9	81.2	81.6	81.6	82.0	82.0	82.2	82.5	82.5	82.8	83.4
GE 1200	47.0	56.0	69.7	78.1	80.3	81.2	82.5	82.9	82.9	83.3	83.3	83.4	83.8	83.8	84.1	84.7
GE 1000	47.5	56.6	70.5	79.4	81.6	82.5	83.8	84.3	84.3	84.7	84.7	84.8	85.2	85.2	85.5	86.1
GE 900	47.8	56.9	71.0	80.3	82.6	83.4	84.7	85.4	85.4	85.8	85.8	85.9	86.2	86.2	86.6	87.2
GE 800	48.4	57.5	71.6	81.1	83.3	84.2	85.6	86.2	86.2	86.7	86.7	86.8	87.1	87.1	87.4	88.1
GE 700	48.4	57.5	71.9	81.4	83.7	84.5	85.9	86.7	86.7	87.1	87.1	87.2	87.5	87.5	87.8	88.5
GE 600	48.7	58.1	72.9	83.0	85.3	86.1	87.7	88.5	88.5	88.9	88.9	89.0	89.4	89.4	89.7	90.3
GE 500	48.8	58.2	73.3	83.9	87.2	88.1	89.8	90.5	90.6	91.1	91.1	91.2	91.5	91.5	91.8	92.5
GE 400	48.8	58.3	73.5	84.9	88.4	89.4	91.1	91.8	91.9	92.4	92.4	92.5	92.8	92.8	93.1	93.8
GE 300	48.8	58.3	73.8	85.4	89.5	90.8	92.5	93.2	93.4	94.2	94.2	94.3	94.6	94.6	94.9	95.7
GE 200	48.8	58.3	73.8	85.5	89.6	90.9	92.6	93.3	93.5	94.4	94.4	94.6	94.9	94.9	95.5	96.2
GE 100	48.8	58.3	73.8	85.5	89.6	90.9	92.6	93.4	93.7	94.6	94.6	94.8	95.2	95.3	96.1	97.8
GE 000	48.8	58.3	73.8	85.5	89.6	90.9	92.6	93.4	93.7	94.6	94.6	94.8	95.2	95.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

REPORTING LOCATION WAS
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.8	20.1	27.4	32.6	35.1	36.0	37.1	37.4	37.8	38.7	38.9	39.1	39.2	39.5	40.3	41.0
GE 20000	15.9	20.4	27.8	33.3	36.0	37.0	38.1	38.5	38.9	39.8	40.0	40.2	40.3	40.5	41.6	42.4
GE 18000	15.8	20.6	28.0	33.4	36.1	37.1	38.2	38.6	39.0	39.9	40.1	40.3	40.4	40.6	41.7	42.5
GE 16000	15.9	20.4	28.0	33.4	36.1	37.1	38.2	38.6	39.0	39.9	40.1	40.3	40.4	40.6	41.7	42.5
GE 14000	15.9	20.4	28.1	33.7	36.3	37.3	38.5	38.9	39.4	40.2	40.4	40.6	40.8	41.0	42.0	42.8
GE 12000	15.9	20.8	28.4	34.0	36.9	37.8	39.0	39.5	39.9	40.8	41.0	41.3	41.4	41.6	42.7	43.6
GE 10000	17.3	22.3	30.4	36.7	39.9	40.9	42.4	42.8	43.2	44.2	44.5	44.8	44.9	45.2	46.2	47.0
GE 9000	18.0	23.9	31.2	37.5	40.8	41.9	43.4	44.0	44.4	45.4	45.7	46.0	46.1	46.3	47.4	48.2
GE 8000	18.8	24.4	34.0	40.8	44.3	45.6	47.2	47.7	48.2	49.1	49.5	49.8	49.9	50.1	51.2	51.9
GE 7000	20.4	26.5	36.6	43.9	47.6	49.0	50.8	51.5	51.9	52.9	53.3	53.7	53.8	54.1	55.2	55.8
GE 6000	21.2	27.7	38.4	45.9	49.8	51.4	53.1	53.9	54.4	55.4	55.9	56.2	56.3	56.7	57.7	58.5
GE 5000	22.6	30.2	42.9	50.8	54.6	56.5	58.3	59.0	59.6	60.5	61.3	61.6	61.7	62.0	63.1	64.1
GE 4500	22.9	30.5	43.6	51.6	55.3	57.3	59.1	59.9	60.6	61.6	62.2	62.5	62.6	62.9	64.0	64.9
GE 4000	24.5	32.5	46.3	55.3	59.6	61.8	63.7	64.4	64.9	66.0	66.8	67.1	67.2	67.5	68.6	69.7
GE 3500	25.5	33.4	47.5	56.7	61.2	63.4	65.4	66.1	66.7	67.8	68.6	68.9	69.0	69.4	70.4	71.5
GE 3000	26.8	34.8	49.7	58.9	63.7	66.0	68.1	68.8	69.4	70.5	71.3	71.6	71.7	72.0	73.1	74.2
GE 2500	27.2	35.5	51.0	60.5	65.9	68.3	70.3	71.1	71.6	72.9	73.7	74.0	74.1	74.4	75.5	76.6
GE 2000	27.7	36.9	52.5	62.2	67.8	70.3	72.5	73.2	73.9	75.2	75.9	76.2	76.3	76.7	77.7	78.8
GE 1800	28.0	37.3	53.0	62.7	68.4	70.9	73.0	73.8	74.4	75.7	76.5	76.8	76.9	77.2	78.3	79.4
GE 1500	28.6	38.1	54.0	63.9	69.6	72.0	74.2	74.9	75.6	76.9	77.6	78.1	78.2	78.5	79.6	80.8
GE 1200	29.1	39.1	55.8	65.8	71.9	74.7	76.9	77.6	78.3	79.6	80.3	80.8	80.9	81.2	82.3	83.4
GE 1000	29.7	39.8	57.1	67.4	73.5	76.7	78.9	79.7	80.4	81.7	82.5	82.9	83.0	83.3	84.4	85.6
GE 900	29.7	39.9	57.3	67.8	74.0	77.1	79.4	80.1	80.9	82.2	82.9	83.3	83.4	83.8	84.8	86.0
GE 800	29.8	40.1	58.1	68.8	75.2	78.3	80.8	81.5	82.3	83.7	84.5	84.9	85.1	85.4	86.5	87.6
GE 700	29.8	40.1	58.4	69.2	75.7	78.8	81.4	82.2	82.9	84.3	85.2	85.6	85.7	86.0	87.1	88.3
GE 600	29.9	40.2	58.6	69.6	76.2	79.4	81.9	82.8	83.5	85.1	85.9	86.3	86.5	86.8	87.8	89.0
GE 500	29.9	40.2	59.0	70.3	77.1	80.2	82.9	83.8	84.6	86.3	87.3	87.7	87.8	88.2	89.2	90.4
GE 400	30.0	40.4	59.4	71.1	78.3	81.4	84.2	85.2	86.0	87.8	88.8	89.2	89.5	89.8	90.9	92.0
GE 300	30.0	40.4	59.5	71.2	78.8	82.2	85.2	86.1	87.2	89.2	90.2	90.6	90.9	91.2	92.3	93.5
GE 200	30.0	40.4	59.5	71.3	78.9	82.3	85.8	87.2	88.3	90.3	91.5	92.0	92.3	92.7	93.8	95.1
GE 100	30.0	40.4	59.5	71.5	79.1	82.5	86.1	87.5	88.6	90.8	91.9	92.7	93.0	93.5	95.2	98.2
GE 000	30.0	40.4	59.5	71.5	79.1	82.5	86.1	87.5	88.6	90.9	92.0	92.8	93.1	93.8	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: 06-08

CEILING FT	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.9	16.7	22.0	28.0	29.9	31.0	32.6	33.0	33.3	34.0	34.1	34.1	34.2	34.4	34.4	34.9
GE 20000	13.3	17.2	22.7	28.7	30.6	31.7	33.3	33.9	34.2	34.8	35.1	35.1	35.2	35.4	35.4	36.1
GE 18000	13.4	17.3	22.9	29.0	31.0	32.0	33.7	34.2	34.5	35.2	35.4	35.4	35.5	35.7	35.7	36.5
GE 16000	13.4	17.3	22.9	29.0	31.1	32.2	33.9	34.5	34.8	35.5	35.7	35.7	35.8	36.0	36.0	36.8
GE 14000	13.5	17.5	23.2	29.5	31.6	32.7	34.4	35.2	35.5	36.1	36.3	36.3	36.5	36.7	36.7	37.4
GE 12000	14.2	18.5	24.6	31.1	33.2	34.6	36.3	37.2	37.5	38.2	38.5	38.5	38.6	38.8	38.8	39.6
GE 10000	15.2	19.8	26.2	33.1	35.6	37.2	39.2	40.2	40.5	41.4	41.8	41.8	41.9	42.2	42.2	43.1
GE 9000	15.5	20.1	26.6	33.8	36.3	38.1	40.3	41.5	41.8	42.7	43.1	43.1	43.2	43.4	43.4	44.4
GE 8000	18.1	23.4	30.5	38.1	41.3	43.2	45.7	47.0	47.3	48.2	49.0	49.0	49.1	49.4	49.4	50.3
GE 7000	19.0	24.6	31.7	39.5	42.9	44.9	47.6	49.0	49.4	50.2	51.1	51.1	51.2	51.4	51.4	52.4
GE 6000	19.9	25.9	33.5	41.6	45.4	47.7	50.4	51.8	52.3	53.2	54.1	54.1	54.2	54.4	54.4	55.4
GE 5000	21.6	28.1	36.5	44.9	48.7	51.3	54.0	55.4	55.8	56.8	57.7	57.7	57.8	58.1	58.1	59.0
GE 4500	21.9	28.6	37.1	46.1	50.3	53.0	55.7	57.1	57.5	58.5	59.5	59.5	59.6	59.8	59.8	60.8
GE 4000	22.6	29.4	38.5	48.3	53.3	56.0	58.7	60.1	60.5	61.5	62.5	62.5	62.6	62.8	62.8	63.8
GE 3500	23.7	30.8	40.2	50.4	55.7	58.4	61.2	62.7	63.1	64.1	65.1	65.1	65.2	65.4	65.4	66.3
GE 3000	24.5	32.0	42.3	52.9	58.3	61.1	63.9	65.4	65.8	66.8	67.8	67.8	68.1	68.3	68.3	69.2
GE 2500	25.2	32.8	43.3	54.5	60.0	62.8	65.7	67.2	67.6	68.6	69.7	69.8	70.0	70.2	70.2	71.2
GE 2000	26.3	34.1	44.7	55.9	61.4	64.3	67.2	68.8	69.4	70.4	71.5	71.6	71.8	72.0	72.0	73.0
GE 1800	26.6	34.4	45.1	56.3	61.8	64.7	67.6	69.2	69.8	70.9	71.9	72.0	72.3	72.5	72.5	73.4
GE 1500	27.7	35.7	46.6	58.0	63.7	66.7	69.7	71.4	71.9	73.0	74.1	74.2	74.4	74.6	74.6	75.6
GE 1200	29.5	38.1	49.4	60.9	67.0	70.0	73.1	74.8	75.4	76.5	77.5	77.6	77.8	78.1	78.1	79.0
GE 1000	30.2	39.2	50.9	62.7	68.9	72.3	75.7	77.4	78.0	79.0	80.1	80.2	80.4	80.6	80.6	81.6
GE 900	30.5	39.9	51.8	63.9	70.3	73.9	77.3	79.0	79.6	80.6	81.7	81.8	82.0	82.3	82.3	83.2
GE 800	31.2	40.5	52.7	64.9	71.5	75.2	78.8	80.5	81.1	82.4	83.4	83.5	83.8	84.0	84.0	84.9
GE 700	31.2	40.6	53.0	65.5	72.2	75.8	79.5	81.3	81.8	83.1	84.2	84.3	84.5	84.7	84.7	85.7
GE 600	31.2	40.6	53.7	66.7	73.8	77.5	81.4	83.3	83.9	85.2	86.3	86.5	86.7	86.9	86.9	87.8
GE 500	31.2	41.0	54.4	67.6	74.8	78.8	83.0	84.9	85.6	87.1	88.5	88.6	88.8	89.0	89.0	90.0
GE 400	31.4	41.2	54.9	68.4	75.9	80.1	84.3	87.0	87.7	89.5	91.1	91.4	91.7	91.9	91.9	92.9
GE 300	31.4	41.3	55.2	68.6	76.5	81.0	86.6	88.7	89.6	91.6	93.5	94.1	94.4	94.6	94.6	95.7
GE 200	31.4	41.3	55.2	68.7	76.7	81.3	87.1	89.4	90.3	92.5	94.8	95.6	96.1	96.3	96.5	98.1
GE 100	31.4	41.3	55.2	68.7	76.8	81.4	87.2	89.5	90.4	92.6	95.1	96.0	96.6	96.8	96.9	99.2
GE 000	31.4	41.3	55.2	68.7	76.8	81.4	87.2	89.5	90.4	92.6	95.1	96.0	96.6	96.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION RAF
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.6	24.1	26.5	27.8	28.1	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	21.7	25.2	27.6	29.4	29.8	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 18000	21.8	25.3	27.7	29.5	29.9	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 16000	22.0	25.5	28.1	29.8	30.2	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 14000	22.0	26.5	29.0	30.9	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 12000	23.8	27.3	30.2	32.3	32.8	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 10000	25.7	29.6	32.7	35.1	35.8	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 9000	27.0	31.0	34.1	36.5	37.3	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 8000	30.4	34.8	38.6	41.4	42.4	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 7000	31.8	36.5	40.4	43.2	44.3	44.5	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 6000	33.5	38.3	42.5	45.3	46.5	46.7	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 5000	35.5	40.2	44.6	47.8	49.1	49.5	50.3	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
GE 4500	38.8	41.5	46.0	49.6	50.9	51.2	52.0	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
GE 4000	38.3	43.5	48.4	52.3	53.5	53.9	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
GE 3500	40.9	46.1	51.3	55.5	56.8	57.1	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 3000	43.0	48.6	54.0	58.4	59.7	60.0	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4
GE 2500	47.0	53.2	58.8	63.9	65.2	65.5	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0
GE 2000	51.5	58.3	64.3	69.4	70.6	71.0	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5
GE 1800	53.0	60.1	66.2	71.3	72.6	72.9	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4
GE 1500	56.2	64.0	70.6	75.9	77.3	77.6	78.3	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1
GE 1200	58.5	66.8	74.1	79.8	81.6	82.0	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5
GE 1000	59.5	68.6	76.3	82.7	85.1	85.6	87.1	87.3	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6
GE 900	59.7	69.2	77.1	83.5	86.2	86.9	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
GE 800	60.2	70.1	78.6	85.6	88.3	89.1	90.9	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 700	60.4	70.3	78.9	86.3	89.2	90.1	91.8	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 600	60.5	70.5	79.9	87.5	90.9	91.8	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 500	60.6	70.8	80.3	88.0	91.3	92.5	95.1	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
GE 400	60.8	70.9	80.5	88.4	91.7	93.0	95.7	96.0	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5
GE 300	60.8	70.9	80.8	88.8	92.4	93.8	97.0	97.6	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 200	60.8	70.9	80.8	88.8	92.5	94.0	97.3	98.1	98.4	98.8	99.4	99.4	99.8	99.8	99.9	99.9
GE 100	60.8	70.9	80.8	88.8	92.5	94.0	97.3	98.1	98.4	98.8	99.4	99.4	99.8	99.8	99.9	100.0
GE 000	60.8	70.9	80.8	88.8	92.5	94.0	97.3	98.1	98.4	98.8	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.9	21.4	22.6	23.3	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 20000	21.2	23.9	25.7	26.5	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 18000	21.4	24.1	25.9	26.7	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 16000	21.7	24.4	26.2	27.0	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 14000	22.9	25.6	27.4	28.3	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 12000	25.1	28.1	30.1	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 10000	28.0	31.5	33.8	35.1	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 9000	28.8	32.4	34.6	35.9	36.2	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 8000	31.0	35.1	37.7	39.1	39.6	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 7000	32.6	37.0	39.9	41.3	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 6000	35.9	40.9	43.8	45.2	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 5000	39.9	45.1	48.0	49.5	50.0	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 4500	42.2	47.3	50.2	51.7	52.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4000	45.8	51.2	54.2	56.0	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	49.4	54.9	58.0	59.9	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 3000	54.8	60.8	64.1	66.1	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	62.9	69.6	72.9	74.9	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	68.3	75.7	79.2	81.6	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	69.2	76.8	80.6	83.0	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	70.4	78.3	83.0	85.7	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	72.4	80.5	85.8	88.9	90.2	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	73.2	81.8	87.3	90.4	92.0	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	73.8	82.6	88.4	91.6	93.2	94.0	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	73.8	82.7	88.8	92.0	93.8	94.5	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	73.8	82.8	89.1	92.8	94.5	95.3	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	73.8	82.8	89.2	92.9	94.8	95.6	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	73.8	82.9	89.4	93.2	95.2	95.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	73.8	82.9	89.5	93.7	95.7	96.5	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	73.8	82.9	89.5	93.8	95.9	96.9	98.1	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	73.8	82.9	89.5	93.8	95.9	97.0	98.4	98.7	98.8	99.4	99.5	99.5	99.5	99.6	99.7	99.7
GE 100	73.8	82.9	89.5	93.8	95.9	97.0	98.4	98.7	98.8	99.4	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	73.8	82.9	89.5	93.8	95.9	97.0	98.4	98.7	98.8	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.4	26.1	27.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 20000	25.3	28.2	29.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 18000	25.4	28.3	29.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 16000	25.4	28.3	29.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 14000	27.1	30.1	31.2	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 12000	28.6	31.9	33.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 10000	31.5	35.3	37.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	33.2	37.0	38.9	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 8000	36.8	40.6	42.8	44.6	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 7000	39.1	43.5	45.8	47.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 6000	44.0	49.1	51.7	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 5000	50.6	56.3	59.0	61.5	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	52.8	58.5	61.2	63.7	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	58.8	65.3	68.1	70.8	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	61.9	68.6	71.6	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	64.2	71.5	74.9	77.8	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2500	69.0	76.5	80.4	83.3	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	71.9	80.0	84.0	87.2	88.0	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	72.0	80.2	84.2	87.6	88.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	72.7	80.9	84.9	88.6	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	73.8	82.2	86.3	90.1	91.3	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	74.2	82.8	87.3	91.3	92.6	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	74.5	83.1	88.1	92.2	93.7	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	74.6	83.2	88.3	92.6	94.3	95.1	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	74.7	83.4	88.5	92.8	94.5	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	74.8	83.7	89.0	93.4	95.2	95.9	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	74.8	83.7	89.2	94.0	95.7	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	74.8	83.7	89.2	94.2	95.9	96.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	74.8	83.7	89.4	94.4	96.2	97.2	98.3	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	74.8	83.7	89.4	94.4	96.2	97.2	98.5	98.8	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5
GE 100	74.8	83.7	89.4	94.4	96.2	97.2	98.5	98.8	98.9	99.2	99.4	99.5	99.7	99.7	99.7	99.9
GE 000	74.8	83.7	89.4	94.4	96.2	97.2	98.5	98.8	98.9	99.2	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.8	27.8	30.6	32.9	33.2	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000	26.1	29.4	32.7	35.1	35.4	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	26.3	29.6	32.9	35.3	35.6	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	26.3	29.6	32.9	35.3	35.6	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000	27.0	30.2	33.5	35.9	36.2	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	27.5	31.0	34.3	36.7	37.1	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 10000	30.8	35.6	39.2	41.6	42.2	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 9000	32.4	37.2	40.9	43.2	43.8	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 8000	36.0	41.8	46.0	48.7	49.4	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
GE 7000	39.0	45.4	50.1	53.2	54.0	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
GE 6000	44.8	51.2	55.9	59.2	60.1	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2
GE 5000	49.2	56.0	61.9	65.9	66.8	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
GE 4500	49.6	56.3	62.4	66.5	67.3	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
GE 4000	54.1	61.3	68.0	72.4	73.3	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
GE 3500	57.0	64.5	71.3	75.8	76.9	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
GE 3000	58.3	66.2	73.5	78.1	79.4	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
GE 2500	59.0	67.3	75.3	80.0	81.3	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
GE 2000	60.5	69.2	77.5	82.4	83.9	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
GE 1800	61.1	69.8	79.2	83.2	84.8	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
GE 1500	61.6	70.6	79.1	84.3	86.0	87.5	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
GE 1200	62.3	71.4	80.0	85.8	87.5	89.0	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
GE 1000	62.5	71.7	81.0	86.9	88.8	90.3	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
GE 900	62.5	71.7	81.0	87.0	89.0	90.5	91.5	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
GE 800	62.5	71.7	81.2	87.3	89.9	91.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
GE 700	62.5	71.7	81.3	87.5	90.2	91.7	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 600	62.5	71.7	81.4	88.0	91.2	92.8	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 500	62.5	71.9	82.0	88.8	92.2	93.8	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
GE 400	62.5	71.9	82.4	89.2	92.6	94.2	95.7	96.5	96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.3
GE 300	62.5	71.9	82.5	89.4	92.7	94.3	96.2	97.1	97.4	97.8	98.0	98.0	98.1	98.2	98.2	98.2
GE 200	62.5	71.9	82.5	89.6	92.9	94.6	96.6	97.4	97.7	98.3	98.7	98.7	98.8	99.0	99.0	99.0
GE 100	62.5	71.9	82.5	89.6	92.9	94.6	96.6	97.4	97.7	98.3	98.7	98.7	98.8	99.1	99.1	99.8
GE 000	62.5	71.9	82.5	89.6	92.9	94.6	96.6	97.4	97.7	98.3	98.7	98.7	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.9	34.7	37.5	41.7	42.8	43.0	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.8	44.0	44.0
GE 20000	31.5	35.4	38.3	42.8	43.9	44.1	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.1	45.1
GE 18000	31.5	35.4	38.3	42.8	43.9	44.1	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.1	45.1
GE 16000	31.5	35.4	38.3	42.8	43.9	44.1	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.1	45.1
GE 14000	32.4	36.2	39.1	43.7	44.7	44.9	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.7	46.0	46.0
GE 12000	32.8	37.2	40.2	44.8	45.9	46.1	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.9	47.2	47.2
GE 10000	34.0	38.6	42.7	47.7	48.9	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.4	50.4
GE 9000	34.2	38.8	42.9	48.0	49.1	49.6	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.6	50.6
GE 8000	37.5	42.4	47.0	53.3	54.8	55.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.5	56.5
GE 7000	40.8	45.8	50.9	57.7	59.5	59.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	61.1	61.1
GE 6000	42.6	48.2	53.2	60.8	62.6	63.0	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.1	64.4	64.4
GE 5000	45.8	52.2	57.4	65.4	67.3	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.9	69.0	69.3	69.3
GE 4500	47.1	53.6	58.8	66.9	68.8	69.2	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.5	70.8	70.8
GE 4000	50.3	57.0	62.9	71.3	73.3	73.8	74.5	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.4	75.4
GE 3500	51.0	57.7	63.8	72.2	74.2	74.6	75.4	75.7	75.7	75.7	75.7	75.7	75.8	75.9	76.2	76.2
GE 3000	52.3	59.2	65.9	74.4	76.5	76.9	77.6	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.5	78.5
GE 2500	53.8	60.9	67.6	76.7	78.8	79.2	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.8	81.1	81.2
GE 2000	54.5	62.0	69.4	78.7	81.1	81.5	82.5	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.3	83.4
GE 1800	54.8	62.5	69.9	79.4	81.8	82.3	83.2	83.5	83.5	83.5	83.5	83.5	83.7	83.8	84.1	84.2
GE 1500	55.6	63.3	71.1	80.5	83.0	83.4	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.9	85.3	85.4
GE 1200	56.2	64.2	72.6	82.5	85.1	85.5	86.5	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.3	87.4
GE 1000	56.6	64.5	72.9	82.9	85.7	86.1	87.1	87.4	87.4	87.4	87.4	87.4	87.5	87.6	88.0	88.1
GE 900	56.6	64.5	72.9	83.4	86.5	86.9	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.7	88.8
GE 800	56.7	64.6	73.0	83.5	86.8	87.2	88.2	88.5	88.5	88.5	88.5	88.5	88.6	88.7	89.0	89.1
GE 700	56.9	64.8	73.7	84.4	87.7	88.2	89.2	89.6	89.6	89.6	89.6	89.6	89.7	89.8	90.1	90.2
GE 600	57.2	65.2	74.8	86.2	90.0	90.6	91.7	92.0	92.0	92.0	92.0	92.0	92.2	92.3	92.6	92.7
GE 500	57.3	65.3	75.1	86.7	90.9	91.7	92.6	93.1	93.1	93.2	93.2	93.2	93.3	93.4	93.8	93.9
GE 400	57.3	65.3	75.3	87.4	91.7	92.8	94.2	94.8	94.8	95.2	95.2	95.2	95.3	95.6	95.7	95.8
GE 300	57.6	65.6	75.6	88.0	92.5	93.5	95.1	95.9	96.0	96.3	96.3	96.3	96.5	96.6	96.9	97.0
GE 200	57.6	65.6	75.7	88.2	92.7	93.8	95.4	96.2	96.3	96.7	96.7	96.8	96.9	97.1	97.6	97.7
GE 100	57.6	65.6	75.7	88.2	92.7	93.8	95.4	96.3	96.5	96.9	97.1	97.2	97.3	97.6	98.4	98.8
GE 000	57.6	65.6	75.7	88.2	92.7	93.8	95.4	96.3	96.5	96.9	97.1	97.2	97.5	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/4	GE 1/4	GE 0
NO CEIL	22.0	25.5	29.2	32.3	33.3	33.8	34.4	34.5	34.6	34.9	34.9	35.0	35.0	35.1	35.3	35.5
GE 20000	22.9	26.6	30.6	33.8	34.9	35.3	35.9	36.1	36.2	36.5	36.5	36.5	36.6	36.7	36.9	37.2
GE 18000	23.1	26.7	30.7	34.0	35.0	35.5	36.1	36.3	36.4	36.6	36.7	36.7	36.8	36.8	37.0	37.3
GE 16000	23.1	26.8	30.8	34.1	35.1	35.6	36.2	36.4	36.5	36.7	36.8	36.8	36.9	37.0	37.2	37.4
GE 14000	23.8	27.6	31.6	34.9	36.0	36.5	37.1	37.3	37.4	37.6	37.7	37.7	37.8	37.9	38.1	38.3
GE 12000	24.7	28.7	32.9	36.3	37.5	38.0	38.6	38.8	38.9	39.2	39.2	39.3	39.3	39.4	39.6	39.9
GE 10000	26.6	31.1	35.8	39.6	40.9	41.5	42.2	42.5	42.6	42.8	42.9	43.0	43.1	43.1	43.3	43.6
GE 9000	27.5	32.0	36.8	40.6	41.9	42.6	43.3	43.6	43.7	44.0	44.1	44.2	44.2	44.3	44.5	44.8
GE 8000	30.3	35.2	40.6	44.9	46.4	47.1	48.0	48.3	48.4	48.7	48.9	48.9	49.0	49.1	49.3	49.6
GE 7000	32.4	37.8	43.5	48.0	49.7	50.5	51.4	51.7	51.8	52.1	52.3	52.3	52.4	52.5	52.7	53.0
GE 6000	34.9	40.6	46.6	51.4	53.2	54.1	55.0	55.4	55.5	55.8	56.0	56.0	56.1	56.2	56.5	56.7
GE 5000	38.3	44.5	51.1	56.4	58.3	59.2	60.3	60.7	60.8	61.1	61.3	61.4	61.5	61.5	61.8	62.1
GE 4500	39.3	45.6	52.3	57.8	59.7	60.7	61.7	62.1	62.2	62.5	62.8	62.8	62.9	63.0	63.2	63.5
GE 4000	42.3	49.0	56.2	62.1	64.2	65.2	66.3	66.7	66.8	67.1	67.3	67.4	67.4	67.5	67.8	68.1
GE 3500	44.2	51.0	58.4	64.4	66.6	67.6	68.7	69.1	69.2	69.6	69.8	69.8	69.9	70.0	70.2	70.6
GE 3000	46.1	53.3	61.1	67.3	69.6	70.7	71.7	72.2	72.3	72.6	72.8	72.9	73.0	73.1	73.3	73.7
GE 2500	48.7	56.2	64.4	70.9	73.3	74.4	75.6	76.0	76.1	76.4	76.7	76.7	76.9	76.9	77.2	77.5
GE 2000	50.9	58.9	67.4	74.1	76.6	77.7	78.3	79.4	79.5	79.9	80.1	80.2	80.3	80.4	80.6	80.9
GE 1800	51.4	59.5	68.1	74.9	77.5	78.6	79.8	80.3	80.4	80.8	81.0	81.1	81.2	81.3	81.5	81.8
GE 1500	52.6	60.8	69.7	76.7	79.4	80.6	81.8	82.2	82.4	82.7	83.0	83.1	83.2	83.3	83.5	83.8
GE 1200	53.6	62.3	71.7	79.0	81.9	83.1	84.4	84.9	85.0	85.4	85.6	85.7	85.8	85.9	86.1	86.5
GE 1000	54.2	63.1	72.9	80.5	83.5	84.9	86.3	86.8	87.0	87.3	87.6	87.7	87.8	87.9	88.1	88.4
GE 900	54.4	63.5	73.6	81.2	84.4	85.9	87.3	87.8	88.0	88.4	88.6	88.7	88.8	88.9	89.1	89.5
GE 800	54.6	63.8	74.0	82.0	85.4	86.9	88.4	89.0	89.1	89.6	89.8	89.9	90.0	90.1	90.3	90.7
GE 700	54.7	63.9	74.4	82.5	86.0	87.5	89.1	89.7	89.8	90.3	90.5	90.6	90.7	90.8	91.0	91.4
GE 600	54.8	64.1	74.9	83.4	87.2	88.7	90.5	91.1	91.3	91.7	92.0	92.1	92.2	92.3	92.5	92.8
GE 500	54.9	64.2	75.3	84.1	88.0	89.7	91.7	92.3	92.5	93.0	93.3	93.4	93.5	93.6	93.8	94.2
GE 400	54.9	64.3	75.6	84.7	88.8	90.5	92.6	93.4	93.7	94.3	94.7	94.8	94.9	95.0	95.2	95.6
GE 300	55.0	64.4	75.8	84.9	89.3	91.2	93.6	94.4	94.8	95.6	96.0	96.2	96.3	96.4	96.6	97.0
GE 200	55.0	64.4	75.8	85.0	89.4	91.4	94.0	94.9	95.3	96.2	96.8	97.0	97.2	97.4	97.7	98.1
GE 100	55.0	64.4	75.8	85.1	89.5	91.4	94.0	95.0	95.4	96.3	97.0	97.2	97.5	97.7	98.2	99.2
GE 000	55.0	64.4	75.8	85.1	89.5	91.4	94.0	95.0	95.4	96.3	97.0	97.3	97.6	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION VAR
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.8	31.6	40.6	45.4	47.6	48.6	50.4	52.0	52.2	52.6	53.3	53.8	53.8	54.0	54.4	55.7
GE 20000	28.4	32.3	41.3	46.2	48.3	49.3	51.2	52.6	53.0	53.3	54.1	54.6	54.6	54.8	55.2	56.4
GE 18000	28.4	32.4	41.4	46.3	48.4	49.4	51.3	52.9	53.1	53.4	54.2	54.7	54.7	54.9	55.3	56.6
GE 16000	28.4	32.4	41.4	46.3	48.4	49.4	51.3	52.9	53.1	53.4	54.2	54.7	54.7	54.9	55.3	56.6
GE 14000	28.6	32.6	41.6	46.4	48.6	49.6	51.4	53.0	53.2	53.6	54.3	54.8	54.8	55.0	55.4	56.7
GE 12000	28.6	32.6	41.7	46.7	48.8	49.8	51.7	53.2	53.4	53.8	54.6	55.0	55.0	55.2	55.7	56.9
GE 10000	29.7	33.7	43.3	48.9	51.1	52.1	54.0	55.6	55.8	56.1	56.9	57.3	57.3	57.6	58.0	59.2
GE 9000	29.8	33.8	43.8	49.7	51.9	52.9	54.8	56.3	56.6	56.9	57.7	58.1	58.1	58.3	58.8	60.0
GE 8000	32.3	37.1	47.3	53.2	55.9	56.9	58.8	60.3	60.6	60.9	61.7	62.1	62.1	62.3	62.8	64.0
GE 7000	34.6	39.6	49.8	55.8	58.4	59.4	61.3	62.8	63.1	63.4	64.2	64.7	64.7	64.9	65.3	66.6
GE 6000	36.1	41.7	51.9	57.9	60.6	61.6	63.4	65.0	65.3	65.7	66.4	66.9	66.9	67.1	67.6	68.8
GE 5000	37.6	43.7	55.1	61.2	64.1	65.3	67.2	68.8	69.1	69.4	70.2	70.7	70.7	70.9	71.3	72.6
GE 4500	37.9	44.0	55.6	62.0	65.0	66.2	68.4	70.0	70.3	70.7	71.4	71.9	71.9	72.1	72.6	73.8
GE 4000	39.3	45.9	58.1	65.7	68.8	70.0	72.2	73.8	74.1	74.4	75.2	75.7	75.7	75.9	76.3	77.6
GE 3500	40.2	47.0	59.4	67.0	70.1	71.3	73.6	75.1	75.4	75.8	76.6	77.0	77.0	77.2	77.7	78.9
GE 3000	42.2	49.0	61.7	69.4	72.6	73.8	76.0	77.6	77.9	78.2	79.0	79.4	79.4	79.7	80.1	81.3
GE 2500	43.4	50.4	63.8	72.3	75.8	77.0	79.3	81.3	81.7	82.0	82.9	83.3	83.3	83.6	84.0	85.2
GE 2000	44.6	52.0	65.6	74.3	77.6	79.0	81.8	83.3	83.7	84.0	84.9	85.3	85.3	85.6	86.0	87.2
GE 1800	44.7	52.1	65.9	74.7	78.3	79.6	82.3	83.9	84.2	84.6	85.6	86.0	86.0	86.2	86.7	87.9
GE 1500	44.7	52.1	66.0	74.8	78.7	79.9	82.7	84.2	84.6	84.9	85.9	86.3	86.3	86.6	87.0	88.2
GE 1200	45.0	52.6	66.9	75.9	79.9	81.3	84.1	85.7	86.0	86.3	87.3	87.8	87.8	88.0	88.4	89.7
GE 1000	45.2	53.0	68.1	77.4	81.3	83.2	86.0	87.6	87.9	88.2	89.2	89.7	89.7	89.9	90.3	91.6
GE 900	45.3	53.1	68.6	77.9	82.2	83.7	86.4	88.0	88.3	88.7	89.7	90.1	90.1	90.3	90.8	92.0
GE 800	45.7	53.7	69.2	78.6	83.1	84.6	87.3	88.9	89.2	89.6	90.7	91.1	91.1	91.3	91.8	93.0
GE 700	45.7	53.7	69.2	79.0	84.1	85.6	88.6	90.1	90.4	90.8	91.9	92.3	92.3	92.6	93.0	94.2
GE 600	45.7	53.8	69.7	79.7	85.2	86.7	89.9	91.4	91.8	92.1	93.2	93.7	93.7	93.9	94.3	95.6
GE 500	45.7	53.8	69.7	80.1	85.7	87.1	90.4	92.0	92.4	92.8	93.9	94.3	94.3	94.6	95.0	96.2
GE 400	45.7	53.8	70.1	80.7	86.2	87.7	91.0	92.6	93.0	93.3	94.4	94.9	94.9	95.1	95.6	96.8
GE 300	45.7	53.8	70.1	80.7	86.2	87.7	91.0	92.6	93.0	93.3	94.4	94.9	94.9	95.2	95.7	96.9
GE 200	45.7	53.8	70.1	80.7	86.3	87.8	91.1	92.8	93.2	93.7	94.8	95.2	95.2	95.6	96.0	97.1
GE 100	45.7	53.8	70.1	80.7	86.3	87.8	91.1	92.9	93.3	93.9	95.0	95.4	95.4	95.8	96.4	98.2
GE 000	45.7	53.8	70.1	80.7	86.3	87.8	91.1	92.9	93.3	93.9	95.0	95.4	95.4	95.9	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.6	19.7	29.4	34.1	37.1	38.4	40.7	42.3	42.7	43.6	44.7	45.4	45.9	46.3	46.8	48.3
GE 20000	16.6	19.7	29.4	34.1	37.2	38.6	40.8	42.4	42.8	43.7	44.8	45.6	46.0	46.4	46.9	48.4
GE 18000	16.6	19.7	29.4	34.1	37.2	38.6	40.9	42.6	42.9	43.8	44.9	45.7	46.1	46	47.0	48.6
GE 16000	16.6	19.7	29.6	34.2	37.3	38.7	41.0	42.7	43.0	43.9	45.0	45.8	46.2	46.7	47.1	48.7
GE 14000	16.7	19.8	29.8	34.4	37.6	38.9	41.2	42.9	43.2	44.1	45.2	46.0	46.4	46.9	47.3	48.9
GE 12000	17.1	20.2	30.3	35.1	38.2	39.6	41.9	43.6	43.9	44.8	45.9	46.7	47.1	47.6	48.0	49.6
GE 10000	18.1	21.2	31.4	37.0	40.1	41.4	43.9	45.7	46.0	46.9	48.0	48.9	49.3	49.8	50.2	51.8
GE 9000	18.2	21.3	31.9	37.4	40.6	41.9	44.3	46.1	46.4	47.3	48.4	49.3	49.8	50.2	50.7	52.2
GE 8000	19.6	23.4	34.2	40.0	43.7	45.1	47.7	49.4	49.8	50.7	51.8	52.7	53.1	53.6	54.0	55.6
GE 7000	20.5	25.6	36.9	42.8	46.6	48.0	50.6	52.3	52.7	53.6	54.7	55.6	56.0	56.4	56.9	58.4
GE 6000	22.6	27.2	38.6	44.7	48.7	50.1	52.7	54.4	54.8	55.8	56.9	57.9	58.4	58.9	59.3	60.9
GE 5000	24.8	30.2	42.9	49.1	53.6	55.0	57.1	59.7	60.1	61.3	62.6	63.6	64.1	64.7	65.1	66.7
GE 4500	25.1	30.8	43.7	49.9	54.3	56.1	58.3	60.8	61.2	62.4	63.7	64.7	65.2	65.8	66.2	67.8
GE 4000	26.6	32.7	46.1	52.6	57.3	59.3	62.2	64.1	64.6	65.8	67.0	68.0	68.6	69.1	69.7	71.2
GE 3500	27.0	33.2	46.9	53.6	58.3	60.3	63.2	65.1	65.6	66.8	68.0	69.0	69.6	70.1	70.7	72.2
GE 3000	28.6	35.1	49.1	56.0	60.8	63.0	65.9	67.8	68.2	69.4	70.7	71.7	72.2	72.8	73.3	74.9
GE 2500	30.3	37.1	51.7	58.9	64.2	66.3	69.3	71.7	72.1	73.3	74.6	75.6	76.1	76.7	77.2	78.8
GE 2000	31.2	38.2	53.7	61.2	66.7	69.3	72.4	74.3	74.8	76.0	77.2	78.2	78.8	79.3	79.9	81.4
GE 1800	31.7	38.8	54.6	62.1	67.8	70.4	73.5	75.5	76.0	77.2	78.4	79.4	80.0	80.6	81.2	82.8
GE 1500	32.3	39.4	55.2	62.8	68.7	71.3	74.4	76.4	76.9	78.1	79.3	80.3	80.9	81.4	82.1	83.7
GE 1200	32.8	40.2	56.2	63.8	69.8	72.4	75.7	77.7	78.1	79.3	80.6	81.6	82.1	82.7	83.3	84.9
GE 1000	33.7	41.1	57.3	65.0	71.2	73.9	77.2	79.2	79.8	81.0	82.2	83.2	83.8	84.3	85.0	86.6
GE 900	34.0	41.4	57.7	65.3	71.8	74.4	77.8	79.8	80.3	81.5	83.0	84.0	84.6	85.1	85.8	87.3
GE 800	34.4	42.1	58.7	66.7	73.2	75.9	79.2	81.2	81.8	83.2	84.4	85.4	86.0	86.6	87.2	88.8
GE 700	34.6	42.1	58.8	67.0	73.6	76.2	80.0	82.0	82.6	84.0	85.3	86.4	87.0	87.6	88.2	89.8
GE 600	34.4	42.1	59.3	67.9	74.8	77.4	81.7	83.7	84.2	85.7	87.1	88.2	88.8	89.3	90.0	91.6
GE 500	34.6	42.2	59.4	68.6	75.4	78.1	82.4	84.6	85.1	86.7	88.1	89.2	89.8	90.3	91.0	92.8
GE 400	34.6	42.4	59.9	69.0	76.4	79.1	83.7	85.9	86.6	88.3	89.8	90.9	91.7	92.2	92.9	94.7
GE 300	34.6	42.6	60.0	69.3	76.9	79.6	84.3	86.6	87.2	89.2	90.7	91.8	92.6	93.1	93.8	95.6
GE 200	34.6	42.6	60.0	69.3	77.1	79.8	84.6	86.9	87.6	89.7	91.2	92.4	93.2	94.1	95.0	97.1
GE 100	34.6	42.6	60.0	69.3	77.1	79.8	84.6	86.9	87.6	89.7	91.2	92.4	93.2	94.2	95.2	97.9
GE 000	34.6	42.6	60.0	69.3	77.1	79.8	84.6	86.9	87.6	89.7	91.2	92.4	93.2	94.3	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.2	15.2	18.6	22.2	25.0	26.1	28.8	30.1	31.1	32.8	33.1	33.4	33.8	34.1	34.4	37.0
GE 20000	13.1	16.2	19.6	23.4	26.3	27.4	30.2	31.6	32.6	34.3	35.0	35.3	35.7	36.0	36.3	39.2
GE 18000	13.1	16.6	19.9	23.8	26.7	28.0	31.0	32.3	33.4	35.2	35.9	36.2	36.6	36.9	37.2	40.1
GE 16000	13.1	16.6	19.9	23.8	26.7	28.0	31.0	32.3	33.4	35.2	36.0	36.3	36.7	37.0	37.3	40.2
GE 14000	13.3	16.8	20.2	24.1	27.2	28.7	31.8	33.1	34.2	36.0	36.8	37.1	37.4	37.8	38.1	41.1
GE 12000	13.6	17.0	20.7	24.7	27.9	29.4	32.6	33.9	35.0	36.9	37.9	38.2	38.6	38.9	39.2	42.2
GE 10000	14.6	18.7	23.3	28.1	31.8	33.7	36.8	38.1	39.2	41.3	42.3	42.7	43.1	43.4	43.8	46.9
GE 9000	14.6	18.7	23.4	28.8	32.4	34.3	37.4	38.8	39.9	42.1	43.1	43.4	43.9	44.2	44.6	47.7
GE 8000	16.0	20.7	25.8	31.3	35.0	37.0	40.3	42.3	43.6	45.8	46.8	47.2	47.7	48.0	48.3	51.6
GE 7000	16.8	21.8	26.9	32.9	36.6	38.7	42.6	44.1	45.3	47.9	49.0	49.6	50.0	50.3	50.7	53.9
GE 6000	18.1	23.2	28.9	35.3	39.0	41.1	45.3	46.9	48.1	50.7	51.9	52.4	52.9	53.2	53.6	56.9
GE 5000	20.6	26.4	33.1	40.4	44.4	46.9	51.4	53.1	54.3	57.1	58.4	59.0	59.4	59.8	60.1	63.4
GE 4500	21.3	27.3	34.2	41.6	45.8	48.4	53.0	54.8	56.0	58.8	60.1	60.7	61.1	61.4	61.8	65.1
GE 4000	23.9	30.0	37.4	45.1	49.3	52.6	57.1	59.2	60.4	63.2	64.6	65.1	65.6	65.9	66.2	69.8
GE 3500	24.6	30.9	38.4	46.3	51.0	53.8	58.3	60.4	61.7	64.4	65.8	66.3	66.8	67.1	67.4	71.0
GE 3000	26.6	33.2	41.1	49.0	53.7	56.5	61.1	63.2	64.4	67.2	68.6	69.1	69.6	69.9	70.2	73.9
GE 2500	27.9	34.6	43.1	51.4	56.1	59.0	63.6	65.7	66.9	69.7	71.0	71.6	72.0	72.3	72.7	76.3
GE 2000	28.7	35.4	44.6	53.1	58.1	61.0	65.6	67.8	69.0	71.8	73.1	73.7	74.1	74.4	74.8	78.4
GE 1800	29.0	35.9	45.3	54.1	59.2	62.1	66.7	68.9	70.1	72.9	74.2	74.8	75.2	75.6	75.9	79.6
GE 1500	29.6	36.4	46.2	55.2	60.4	63.4	68.0	70.2	71.4	74.2	75.6	76.1	76.6	76.9	77.2	80.9
GE 1200	30.7	37.8	47.8	57.2	62.7	65.7	70.3	72.7	73.9	76.7	78.0	78.6	79.0	79.3	79.7	83.3
GE 1000	31.1	38.3	48.6	58.2	63.8	66.9	71.7	74.0	75.2	78.0	79.3	79.9	80.3	80.7	81.0	84.7
GE 900	31.4	38.7	49.1	59.1	64.7	67.8	72.6	75.0	76.2	79.0	80.3	80.9	81.3	81.7	82.0	85.7
GE 800	31.7	39.0	49.8	59.9	65.7	69.0	74.1	76.6	77.9	80.7	82.0	82.6	83.0	83.3	83.7	87.3
GE 700	31.7	39.0	49.8	60.0	65.9	69.2	74.6	77.1	78.4	81.2	82.6	83.1	83.6	84.0	84.3	88.0
GE 600	31.7	39.2	50.2	60.7	66.9	70.2	75.9	78.7	80.4	83.4	84.8	85.3	85.8	86.2	86.6	90.2
GE 500	31.7	39.2	50.6	61.2	67.7	71.1	77.0	79.8	81.7	84.7	86.1	86.7	87.2	87.7	88.0	91.7
GE 400	31.8	39.4	51.0	62.2	68.7	72.1	78.4	81.2	83.3	86.9	88.4	89.0	89.6	90.0	90.3	94.0
GE 300	31.8	39.4	51.0	62.3	69.0	72.6	79.2	82.2	84.3	88.0	89.6	90.1	91.0	91.4	91.9	95.8
GE 200	31.8	39.4	51.0	62.3	69.0	72.6	79.2	82.3	84.6	88.3	90.1	91.0	92.2	92.8	93.2	97.7
GE 100	31.8	39.4	51.0	62.3	69.0	72.6	79.3	82.4	84.7	88.4	90.2	91.1	92.3	93.2	93.8	99.1
GE 000	31.8	39.4	51.0	62.3	69.0	72.6	79.3	82.4	84.7	88.4	90.2	91.1	92.3	93.3	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.4	22.9	26.6	30.9	32.7	33.7	34.7	34.7	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0
GE 20000	20.2	24.0	28.1	32.4	34.4	35.4	36.4	36.4	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8
GE 18000	20.2	24.1	28.3	32.8	34.9	35.9	36.9	36.9	37.0	37.1	37.1	37.1	37.2	37.2	37.2	37.2
GE 16000	20.2	24.1	28.4	33.0	35.2	36.2	37.2	37.2	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6
GE 14000	20.9	24.8	29.2	34.0	36.3	37.3	38.3	38.3	38.4	38.6	38.6	38.6	38.7	38.7	38.7	38.7
GE 12000	21.7	25.7	30.4	35.6	37.9	38.9	40.0	40.0	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3
GE 10000	23.7	28.3	33.4	38.8	41.4	42.6	43.8	43.8	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1
GE 9000	23.9	28.8	34.3	40.1	42.9	44.0	45.2	45.2	45.3	45.4	45.4	45.4	45.6	45.6	45.6	45.6
GE 8000	25.7	30.8	36.8	43.2	46.1	48.0	49.3	49.3	49.4	49.8	49.8	49.8	49.9	49.9	49.9	49.9
GE 7000	26.6	31.7	38.1	44.6	47.8	49.7	51.0	51.0	51.1	51.4	51.4	51.4	51.6	51.6	51.6	51.6
GE 6000	28.2	33.6	40.0	46.4	49.7	51.8	53.1	53.1	53.2	53.6	53.6	53.6	53.7	53.7	53.7	53.7
GE 5000	30.3	35.9	43.0	50.1	53.6	55.8	57.1	57.1	57.2	57.6	57.6	57.6	57.7	57.7	57.7	57.7
GE 4500	31.1	36.7	43.9	51.0	54.6	56.8	58.1	58.1	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 4000	33.7	39.4	47.3	54.6	58.1	60.3	61.7	61.7	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.2
GE 3500	35.0	40.9	48.9	56.2	59.8	62.0	63.3	63.3	63.4	63.8	63.8	63.8	63.9	63.9	63.9	63.9
GE 3000	38.9	45.2	53.4	60.8	64.3	66.6	67.9	67.9	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 2500	41.3	48.0	56.4	63.9	67.7	70.2	71.6	71.6	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.1
GE 2000	44.7	51.4	60.3	68.0	71.8	74.3	75.9	75.9	76.0	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 1800	45.8	53.0	62.3	70.0	73.8	76.4	78.0	78.0	78.1	78.4	78.4	78.4	78.6	78.6	78.6	78.6
GE 1500	47.7	55.2	65.3	73.3	77.2	80.0	81.6	81.6	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.1
GE 1200	49.2	57.6	68.0	76.2	80.6	83.4	85.1	85.1	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 1000	49.9	58.6	70.1	78.7	83.1	86.0	87.8	87.9	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.6
GE 900	50.0	58.9	70.6	79.4	83.9	86.9	88.7	88.8	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 800	50.1	59.1	71.6	81.2	85.9	88.9	90.9	91.1	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 700	50.1	59.3	72.0	81.8	86.7	89.8	92.0	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1
GE 600	50.2	59.6	72.7	82.6	87.6	90.7	93.3	93.7	94.0	94.4	94.6	94.6	94.7	94.7	94.7	94.7
GE 500	50.3	59.7	72.9	83.1	88.3	91.6	94.9	95.2	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 400	50.3	59.7	73.1	83.6	89.2	92.8	96.3	97.2	97.7	98.2	98.4	98.4	98.6	98.7	98.7	98.8
GE 300	50.3	59.7	73.1	83.6	89.4	93.1	96.9	97.8	98.2	99.1	99.3	99.3	99.4	99.6	99.6	99.7
GE 200	50.3	59.7	73.1	83.6	89.4	93.1	96.9	97.8	98.2	99.1	99.3	99.3	99.4	99.7	99.7	99.8
GE 100	50.3	59.7	73.1	83.6	89.4	93.1	96.9	97.8	98.2	99.1	99.3	99.3	99.4	99.7	99.7	99.8
GE 000	50.3	59.7	73.1	83.6	89.4	93.1	96.9	97.8	98.2	99.1	99.3	99.3	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.6	25.9	27.7	29.8	31.3	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 20000	22.6	27.1	28.9	31.1	32.7	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 18000	22.7	27.2	29.0	31.2	32.8	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 16000	22.8	27.3	29.1	31.3	32.9	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 14000	23.8	28.4	30.3	32.6	34.1	34.6	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 12000	24.8	29.9	32.0	34.3	35.9	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 10000	27.3	32.6	35.1	38.0	39.6	40.0	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 9000	28.1	33.6	36.4	39.8	41.3	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	30.0	35.6	38.6	42.3	44.0	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 7000	31.4	37.3	40.6	44.6	46.3	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 6000	33.4	39.7	43.0	47.2	49.1	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 5000	36.7	43.4	47.0	51.7	53.7	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	37.4	44.3	48.0	52.7	54.7	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 4000	40.3	47.9	51.9	56.8	58.8	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	44.1	51.9	56.0	60.9	63.0	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3000	49.3	57.3	61.8	66.9	69.1	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 2500	56.7	65.0	69.9	75.6	77.8	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	61.9	70.8	76.8	82.6	85.0	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	62.8	71.9	78.1	84.0	86.7	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	64.6	73.8	80.3	86.4	89.4	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	65.4	75.1	81.8	88.3	91.4	92.3	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	66.1	75.9	82.6	89.7	92.9	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	66.2	76.0	83.2	90.4	93.9	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	66.2	76.1	83.7	91.4	95.0	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	66.2	76.1	83.7	91.6	95.4	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	66.2	76.1	83.8	92.0	96.0	97.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	66.2	76.1	84.2	92.8	96.8	98.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	66.2	76.1	84.2	92.8	96.8	98.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	66.2	76.1	84.2	92.8	96.8	98.0	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	76.1	84.2	92.8	96.8	98.0	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	76.1	84.2	92.8	96.8	98.0	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	76.1	84.2	92.8	96.8	98.0	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.0	32.3	36.0	39.2	39.9	40.2	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	31.0	34.3	38.1	41.3	42.0	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	31.0	34.3	38.1	41.3	42.0	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 16000	31.7	35.1	38.9	42.2	42.9	43.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 14000	32.7	36.2	40.1	43.7	44.3	44.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	33.6	37.2	41.6	45.2	45.9	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 10000	35.7	39.6	44.6	48.6	49.2	49.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	36.9	41.0	46.0	50.1	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	40.4	44.6	49.7	54.0	54.9	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	42.9	47.8	53.1	57.4	58.3	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	45.8	50.8	56.2	60.6	61.4	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	50.1	55.2	61.3	65.9	66.9	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	51.2	56.3	62.7	67.4	68.6	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	54.2	60.0	66.9	71.8	72.9	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	56.6	62.6	69.8	74.7	75.8	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	59.2	65.2	72.8	78.2	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	62.2	69.2	77.3	83.3	84.6	85.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2000	63.7	71.1	79.6	85.8	87.4	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	63.9	71.4	79.9	86.1	87.8	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	64.4	72.1	80.9	87.2	89.0	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	65.6	73.2	82.1	88.8	90.6	92.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	65.6	73.2	82.3	89.2	91.1	92.8	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	65.6	73.2	82.6	89.3	91.3	93.0	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	65.6	73.3	82.8	90.1	92.3	94.1	95.3	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	65.6	73.4	83.6	91.1	93.3	95.2	95.9	97.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	65.6	73.4	83.6	91.7	93.9	96.0	97.7	97.9	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	65.6	73.4	83.6	91.8	94.3	96.4	98.4	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	65.6	73.4	83.6	91.8	94.3	96.6	98.7	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	65.6	73.4	83.6	91.8	94.3	96.6	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.6	73.4	83.6	91.8	94.3	96.6	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.6	73.4	83.6	91.8	94.3	96.6	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.6	73.4	83.6	91.8	94.3	96.6	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.7	32.3	36.7	40.6	43.1	44.1	45.2	45.2	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	30.1	33.9	38.2	42.1	44.8	45.8	46.9	46.9	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	30.1	33.9	38.2	42.1	44.8	45.8	46.9	46.9	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0
GE 16000	30.1	33.9	38.2	42.2	44.9	46.0	47.1	47.1	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2
GE 14000	30.9	34.7	39.3	43.4	46.1	47.2	48.4	48.4	49.2	49.6	49.7	49.7	49.7	49.7	49.7	49.7
GE 12000	31.7	35.6	40.4	44.7	47.3	48.4	49.7	49.7	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9
GE 10000	33.8	38.7	44.0	48.9	51.8	52.9	54.1	54.1	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	34.8	39.7	45.0	50.1	53.0	54.1	55.3	55.3	56.1	56.4	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	37.0	42.8	48.6	53.9	57.1	58.2	59.9	60.1	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	38.6	44.8	50.7	56.3	59.9	61.0	62.7	62.9	63.7	64.2	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	40.6	47.2	53.2	58.9	62.7	63.9	65.6	65.8	66.6	67.1	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	43.4	50.9	57.1	63.7	67.8	69.0	70.7	71.0	71.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	43.8	51.3	58.1	64.8	68.9	70.1	71.8	72.1	72.9	73.4	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	46.1	54.7	62.3	69.4	73.6	74.8	76.4	76.8	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	47.6	56.1	63.9	71.0	75.3	76.6	78.2	78.6	79.3	79.9	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	49.0	57.6	65.8	73.2	77.8	79.0	80.7	81.0	81.8	82.3	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	50.1	59.0	67.7	76.0	80.7	82.0	83.8	84.1	84.9	85.4	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	51.0	60.2	69.2	78.1	82.9	84.2	86.3	86.7	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	51.2	60.4	69.6	78.6	83.3	84.8	86.9	87.2	88.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	52.2	61.7	71.2	80.3	85.2	86.7	88.9	89.3	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	52.2	61.7	71.6	80.9	86.3	87.8	90.0	90.4	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	52.7	62.1	72.2	81.7	87.1	88.7	90.9	91.3	92.4	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	52.7	62.1	72.2	81.8	87.3	88.9	91.1	91.7	92.8	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	53.0	62.4	73.1	82.9	88.7	90.2	92.4	93.1	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	53.2	62.7	73.6	83.3	89.4	91.0	93.2	93.9	95.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	53.2	62.7	73.6	84.2	90.3	92.0	94.4	95.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	53.2	62.7	73.7	84.6	90.7	92.3	95.0	96.0	97.4	98.2	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	53.2	62.7	73.8	84.9	91.0	92.7	95.3	96.3	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	53.2	62.7	73.8	84.9	91.0	92.7	95.3	96.3	98.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	53.2	62.7	73.8	84.9	91.0	92.7	95.4	96.4	98.1	98.9	99.7	99.8	99.8	99.8	99.8	99.8
GE 100	53.2	62.7	73.8	84.9	91.0	92.7	95.4	96.4	98.1	98.9	99.7	99.8	99.8	99.8	99.8	99.8
GE 000	53.2	62.7	73.8	84.9	91.0	92.7	95.4	96.4	98.1	98.9	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	37.6	42.4	46.8	49.0	50.1	51.3	51.9	52.0	52.4	53.2	53.2	53.2	53.9	53.9	54.6
GE 20000	32.9	38.7	43.6	47.9	50.1	51.2	52.4	53.0	53.1	53.6	54.3	54.3	54.3	55.0	55.0	55.7
GE 18000	32.9	38.9	43.8	48.1	50.3	51.4	52.7	53.2	53.3	53.8	54.6	54.6	54.6	55.2	55.2	55.9
GE 16000	32.9	38.9	43.8	48.1	50.3	51.4	52.7	53.2	53.3	53.8	54.6	54.6	54.6	55.2	55.2	55.9
GE 14000	33.2	39.3	44.2	48.6	50.8	51.9	53.1	53.7	53.8	54.2	55.0	55.0	55.0	55.7	55.7	56.4
GE 12000	33.6	39.7	45.0	49.7	51.9	53.0	54.2	54.8	54.9	55.3	56.1	56.1	56.1	56.8	56.8	57.5
GE 10000	35.6	42.0	48.0	53.3	55.8	57.0	58.2	58.8	58.9	59.3	60.1	60.1	60.1	60.8	60.8	61.5
GE 9000	36.4	43.0	49.0	54.6	57.0	58.2	59.4	60.0	60.1	60.7	61.4	61.4	61.4	62.1	62.1	62.8
GE 8000	38.8	45.4	51.7	57.4	60.1	61.3	62.6	63.1	63.2	63.8	64.6	64.6	64.6	65.2	65.2	65.9
GE 7000	39.9	47.1	53.4	59.4	62.2	63.4	64.7	65.2	65.3	65.9	66.7	66.7	66.7	67.3	67.3	68.0
GE 6000	41.0	48.8	55.3	61.6	64.3	65.6	66.8	67.3	67.4	68.0	68.9	68.9	68.9	69.6	69.6	70.3
GE 5000	42.7	51.7	59.0	65.7	68.7	70.3	71.9	72.4	72.6	73.2	74.1	74.1	74.1	74.8	74.8	75.5
GE 4500	43.2	52.3	59.7	66.6	69.6	71.2	72.8	73.3	73.4	74.1	75.0	75.0	75.0	75.7	75.7	76.4
GE 4000	46.2	55.9	64.4	71.7	74.8	76.4	78.0	78.6	78.7	79.3	80.2	80.2	80.2	80.9	80.9	81.6
GE 3500	47.2	57.0	65.8	73.0	76.1	77.8	79.3	79.9	80.0	80.7	81.6	81.6	81.6	82.2	82.2	82.9
GE 3000	48.4	58.4	67.3	74.6	77.8	79.4	81.0	81.6	81.7	82.3	83.2	83.2	83.2	83.9	83.9	84.6
GE 2500	49.2	59.4	69.1	77.0	80.2	81.9	83.6	84.1	84.2	84.9	86.0	86.0	86.0	86.7	86.7	87.4
GE 2000	50.6	61.1	71.1	79.0	82.4	84.1	85.8	86.3	86.4	87.1	88.2	88.2	88.2	88.9	88.9	89.6
GE 1800	50.8	61.3	71.4	79.3	82.9	84.6	86.2	86.8	86.9	87.6	88.8	88.8	88.8	89.4	89.4	89.9
GE 1500	51.3	61.9	72.6	80.4	84.1	85.8	87.4	88.0	88.1	88.8	90.0	90.0	90.0	90.7	90.7	91.4
GE 1200	52.0	62.6	73.7	81.8	85.4	87.2	88.9	89.4	89.6	90.2	91.4	91.4	91.4	92.1	92.1	92.6
GE 1000	52.2	62.8	74.3	82.4	86.1	88.1	90.0	90.6	90.7	91.3	92.6	92.6	92.6	93.2	93.2	93.7
GE 900	52.6	63.1	74.9	83.1	86.8	88.8	90.7	91.2	91.3	92.0	93.2	93.2	93.2	93.9	93.9	94.3
GE 800	52.6	63.1	74.9	83.2	87.0	89.0	90.9	91.4	91.6	92.2	93.4	93.4	93.4	94.1	94.1	94.6
GE 700	52.7	63.2	75.1	83.4	87.3	89.3	91.2	91.8	91.9	92.6	93.8	93.8	93.8	94.4	94.4	94.8
GE 600	52.7	63.3	75.3	83.9	88.2	90.2	92.1	92.7	92.8	93.4	94.7	94.7	94.7	95.3	95.3	95.8
GE 500	52.7	63.3	75.3	84.3	89.0	91.0	93.0	93.7	93.8	94.4	95.7	95.7	95.7	96.3	96.3	96.8
GE 400	52.7	63.3	75.4	84.8	89.7	91.7	93.9	94.6	94.7	95.3	96.7	96.8	96.8	97.4	97.4	97.9
GE 300	52.7	63.3	75.4	84.8	89.8	91.8	94.0	94.8	95.0	95.7	97.0	97.1	97.1	97.8	97.8	98.2
GE 200	52.7	63.3	75.4	84.8	89.8	91.8	94.1	94.9	95.1	95.8	97.1	97.2	97.2	98.0	98.0	98.6
GE 100	52.7	63.3	75.4	84.8	89.8	91.8	94.1	94.9	95.1	95.8	97.1	97.2	97.2	98.0	98.4	99.0
GE 000	52.7	63.3	75.4	84.8	89.8	91.8	94.1	94.9	95.1	95.8	97.1	97.2	97.2	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION RAF
UPDATAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/16	GE 0
NO CEIL	23.4	27.2	32.2	36.1	38.2	39.1	40.5	41.2	41.5	41.9	42.3	42.5	42.6	42.8	43.0	43.7
GE 20000	24.4	28.3	33.4	37.3	39.5	40.4	41.8	42.5	42.8	43.3	43.7	43.9	44.0	44.2	44.4	45.1
GE 18000	24.4	28.4	33.5	37.5	39.6	40.6	42.0	42.7	43.0	43.5	43.9	44.1	44.2	44.4	44.6	45.3
GE 16000	24.5	28.5	33.7	37.7	39.8	40.8	42.3	42.9	43.2	43.7	44.1	44.3	44.4	44.7	44.8	45.5
GE 14000	25.0	29.1	34.3	38.4	40.6	41.6	43.1	43.7	44.1	44.5	45.0	45.2	45.3	45.5	45.7	46.4
GE 12000	25.6	29.7	35.3	39.5	41.7	42.7	44.2	44.8	45.2	45.7	46.2	46.3	46.5	46.7	46.8	47.5
GE 10000	27.3	31.8	37.9	42.7	45.1	46.2	47.7	48.4	48.7	49.2	49.7	49.9	50.0	50.3	50.4	51.2
GE 9000	27.8	32.5	38.7	43.8	46.3	47.3	48.9	49.5	49.9	50.4	50.9	51.1	51.2	51.4	51.6	52.3
GE 8000	30.0	35.0	41.6	46.9	49.6	50.8	52.5	53.2	53.6	54.2	54.6	54.9	55.0	55.2	55.3	56.1
GE 7000	31.4	36.9	43.7	49.2	52.0	53.2	55.0	55.7	56.0	56.7	57.2	57.4	57.5	57.8	57.9	58.7
GE 6000	33.2	39.0	45.9	51.6	54.4	55.7	57.5	58.2	58.5	59.2	59.7	60.0	60.1	60.3	60.5	61.3
GE 5000	35.8	42.2	49.8	56.0	59.1	60.5	62.4	63.1	63.5	64.2	64.8	65.1	65.2	65.4	65.6	66.4
GE 4500	36.4	42.8	50.7	57.0	60.2	61.7	63.6	64.3	64.7	65.4	66.0	66.3	66.4	66.6	66.8	67.6
GE 4000	38.8	45.8	54.3	60.9	64.3	65.8	67.7	68.5	68.9	69.6	70.2	70.4	70.6	70.8	71.0	71.8
GE 3500	40.3	47.4	56.1	62.8	66.2	67.7	69.7	70.5	70.8	71.6	72.1	72.4	72.5	72.8	72.9	73.8
GE 3000	42.8	50.1	59.1	66.0	69.4	71.0	73.0	73.8	74.2	74.9	75.5	75.7	75.8	76.1	76.2	77.1
GE 2500	45.2	52.8	62.4	69.8	73.4	75.1	77.1	77.9	78.3	79.1	79.7	79.9	80.1	80.3	80.4	81.3
GE 2000	47.0	55.0	65.1	72.8	76.5	78.3	80.4	81.3	81.6	82.4	83.0	83.2	83.4	83.6	83.8	84.6
GE 1800	47.5	55.6	65.9	73.6	77.5	79.3	81.4	82.3	82.7	83.4	84.0	84.3	84.4	84.6	84.8	85.7
GE 1500	48.3	56.6	67.2	75.1	79.1	81.0	83.1	84.0	84.4	85.1	85.8	86.0	86.2	86.4	86.6	87.5
GE 1200	49.1	57.6	68.5	76.6	80.8	82.8	85.0	85.9	86.3	87.1	87.7	88.0	88.1	88.3	88.5	89.4
GE 1000	49.6	58.1	69.4	77.8	82.1	84.2	86.5	87.5	87.9	88.7	89.3	89.5	89.7	89.9	90.1	90.9
GE 900	49.7	58.3	69.8	78.3	82.7	84.8	87.2	88.1	88.5	89.3	90.0	90.2	90.3	90.6	90.8	91.6
GE 800	49.9	58.6	70.5	79.3	83.9	86.0	88.4	89.4	89.9	90.7	91.3	91.6	91.7	91.9	92.1	93.0
GE 700	49.9	58.7	70.7	79.7	84.5	86.6	89.2	90.2	90.7	91.5	92.2	92.5	92.6	92.9	93.0	93.9
GE 600	50.0	58.8	71.0	80.3	85.4	87.5	90.4	91.5	92.0	92.9	93.7	93.9	94.1	94.3	94.5	95.4
GE 500	50.0	58.8	71.2	80.8	86.0	88.2	91.3	92.4	93.1	94.0	94.8	95.0	95.2	95.4	95.6	96.5
GE 400	50.0	58.9	71.4	81.2	86.5	88.8	92.1	93.3	94.0	95.1	95.9	96.2	96.3	96.6	96.8	97.7
GE 300	50.0	58.9	71.4	81.3	86.7	89.0	92.3	93.6	94.3	95.5	96.3	96.6	96.8	97.1	97.3	98.2
GE 200	50.0	58.9	71.4	81.3	86.7	89.0	92.4	93.7	94.5	95.7	96.5	96.9	97.1	97.5	97.7	98.6
GE 100	50.0	58.9	71.4	81.3	86.7	89.0	92.4	93.8	94.5	95.7	96.6	96.9	97.2	97.6	97.9	99.3
GE 000	50.0	58.9	71.4	81.3	86.7	89.0	92.4	93.8	94.5	95.7	96.6	96.9	97.2	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34073 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.5	22.3	33.2	37.8	39.1	40.5	42.8	43.4	43.9	44.6	45.5	45.6	45.8	46.0	46.1	46.2
GE 20000	17.6	22.4	33.7	38.3	39.6	41.0	43.2	43.9	44.3	45.1	45.9	46.0	46.2	46.5	46.6	46.6
GE 18000	17.6	22.4	33.7	38.3	39.6	41.0	43.2	43.9	44.3	45.1	45.9	46.0	46.2	46.5	46.6	46.6
GE 16000	17.6	22.4	33.8	38.4	39.7	41.1	43.3	44.0	44.4	45.2	46.0	46.1	46.3	46.6	46.7	46.7
GE 14000	17.6	22.4	33.8	38.5	39.9	41.3	43.5	44.2	44.6	45.4	46.2	46.3	46.6	46.8	46.9	46.9
GE 12000	17.7	22.5	34.3	39.0	40.4	41.8	44.1	44.7	45.2	45.9	46.8	46.9	47.1	47.3	47.4	49.5
GE 10000	18.7	23.9	36.2	41.0	42.5	43.9	46.1	46.8	47.2	48.1	48.9	49.0	49.2	49.5	49.6	51.7
GE 9000	18.8	24.0	36.5	41.3	42.8	44.2	46.6	47.2	47.6	48.5	49.4	49.5	49.7	49.9	50.0	52.2
GE 8000	19.7	24.8	37.8	43.5	45.6	47.1	49.5	50.3	50.8	51.6	52.5	52.6	52.8	53.0	53.2	55.4
GE 7000	20.6	25.8	39.2	44.9	47.0	48.6	51.0	51.8	52.3	53.1	54.0	54.1	54.3	54.5	54.7	56.9
GE 6000	21.2	27.0	40.8	46.6	48.9	50.5	52.9	53.8	54.2	55.2	56.0	56.1	56.3	56.6	56.8	58.9
GE 5000	22.4	28.3	42.9	49.6	52.4	54.6	57.0	58.1	58.5	59.6	60.4	60.5	60.8	61.2	61.4	63.5
GE 4500	23.7	29.8	44.8	51.6	54.6	56.7	59.0	60.1	60.5	61.6	62.5	62.6	62.8	63.2	63.4	65.6
GE 4000	24.7	31.3	48.0	55.2	58.4	60.8	63.1	64.2	64.7	65.7	66.6	66.7	66.9	67.3	67.5	69.7
GE 3500	25.2	31.9	48.7	55.9	59.1	61.5	63.9	64.9	65.5	66.5	67.3	67.4	67.6	68.1	68.3	70.6
GE 3000	27.1	33.9	51.4	58.9	62.4	64.7	67.1	68.3	68.9	69.9	71.3	71.4	71.6	72.0	72.3	74.4
GE 2500	27.5	34.3	52.3	60.4	64.4	66.9	69.2	70.4	71.1	72.0	73.7	73.8	74.0	74.4	74.7	76.9
GE 2000	28.7	35.8	54.5	63.1	67.5	70.3	72.9	74.1	74.7	75.7	77.3	77.4	77.6	78.1	78.4	80.5
GE 1800	29.0	36.1	54.8	63.5	68.1	70.9	73.4	74.6	75.3	76.2	77.8	78.0	78.2	78.6	78.9	81.1
GE 1500	30.1	37.6	56.8	65.6	70.4	73.2	76.3	77.5	78.2	79.1	80.8	80.9	81.1	81.5	81.8	84.0
GE 1200	30.2	38.0	57.4	66.7	71.7	74.7	78.1	79.2	79.9	80.9	82.5	82.6	82.8	83.4	83.8	85.9
GE 1000	30.4	38.3	58.3	67.7	73.0	76.5	79.8	81.0	81.6	82.7	84.4	84.5	84.7	85.4	85.7	87.8
GE 900	30.5	38.4	58.4	68.0	73.3	76.9	80.2	81.5	82.2	83.2	84.9	85.1	85.3	85.9	86.2	88.4
GE 800	31.0	38.8	59.0	68.8	74.3	78.0	81.3	82.6	83.2	84.3	86.0	86.2	86.5	87.1	87.4	89.6
GE 700	31.1	38.9	59.4	69.2	74.7	78.5	81.9	83.3	84.0	85.1	86.8	87.0	87.2	87.8	88.2	90.3
GE 600	31.2	39.0	59.5	69.7	75.7	79.5	82.9	84.3	84.9	86.0	88.0	88.2	88.4	89.0	89.4	91.5
GE 500	31.3	39.1	59.9	70.2	76.3	80.1	83.8	85.2	85.8	86.9	88.8	89.1	89.4	90.0	90.3	92.5
GE 400	31.3	39.1	60.1	70.4	76.8	80.5	84.2	85.6	86.3	88.1	90.1	90.4	90.6	91.3	91.6	93.8
GE 300	31.3	39.1	60.1	70.4	76.9	80.6	84.3	85.8	86.7	88.7	90.8	91.1	91.3	92.0	92.4	94.5
GE 200	31.4	39.2	60.2	70.5	77.0	80.8	84.4	86.1	87.1	89.1	91.5	91.8	92.2	92.9	93.2	95.4
GE 100	31.4	39.2	60.2	70.5	77.0	80.8	84.4	86.1	87.1	89.1	91.5	91.8	92.3	93.1	93.5	96.3
GE 000	31.4	39.2	60.2	70.5	77.0	80.8	84.4	86.1	87.1	89.2	91.6	91.9	92.4	93.2	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.1	19.1	26.9	31.7	34.1	36.1	39.1	39.4	39.6	40.8	40.9	41.4	41.6	41.8	42.2	44.8
GE 20000	15.2	19.2	27.7	32.7	35.2	37.2	40.2	40.4	40.6	41.8	41.9	42.5	42.7	42.9	43.2	45.9
GE 18000	15.2	19.2	27.7	32.7	35.2	37.2	40.2	40.4	40.6	41.8	41.9	42.5	42.7	42.9	43.2	45.9
GE 16000	15.2	19.2	27.7	32.7	35.2	37.2	40.2	40.4	40.6	41.8	41.9	42.5	42.7	42.9	43.2	45.9
GE 14000	15.2	19.2	27.8	32.9	35.4	37.4	40.4	40.6	40.9	42.0	42.2	42.7	42.9	43.1	43.4	46.1
GE 12000	15.3	19.4	28.4	33.4	36.0	38.1	41.2	41.4	41.6	42.8	42.9	43.4	43.7	43.9	44.2	46.9
GE 10000	15.9	20.1	29.9	35.1	37.6	39.7	42.8	43.0	43.3	44.5	44.6	45.2	45.4	45.6	45.9	48.6
GE 9000	16.0	20.2	30.1	35.3	37.8	39.9	43.0	43.2	43.5	44.7	44.8	45.4	45.6	45.8	46.1	48.8
GE 8000	16.6	21.0	31.2	37.2	40.3	42.4	45.5	45.7	46.0	47.2	47.3	47.8	48.1	48.4	48.8	51.5
GE 7000	17.6	22.8	33.5	39.9	43.0	45.1	48.2	48.4	48.7	49.9	50.1	50.6	50.9	51.2	51.6	54.5
GE 6000	17.7	23.2	34.3	40.9	44.2	46.5	49.6	49.8	50.1	51.3	51.5	52.0	52.3	52.6	53.0	55.9
GE 5000	18.9	24.4	35.9	43.5	47.1	50.0	53.4	53.7	54.0	55.4	55.6	56.1	56.3	56.7	57.1	60.0
GE 4500	19.5	24.9	36.6	44.2	47.7	50.6	54.1	54.3	54.6	56.0	56.2	56.8	57.0	57.3	57.7	60.6
GE 4000	20.2	25.9	38.9	47.2	50.8	53.8	57.5	57.7	58.1	59.6	59.8	60.3	60.5	60.9	61.3	64.2
GE 3500	20.6	26.5	39.7	48.0	51.5	54.5	58.4	58.6	58.9	60.4	60.6	61.2	61.4	61.7	62.2	65.1
GE 3000	21.8	28.2	41.6	50.1	53.8	56.9	61.1	61.3	61.7	63.4	63.9	64.4	64.6	64.9	65.4	68.3
GE 2500	22.5	29.2	43.4	53.2	57.2	60.3	64.7	64.9	65.4	67.1	67.6	68.2	68.4	68.9	69.4	72.4
GE 2000	23.1	30.3	45.4	55.3	59.9	63.1	67.5	67.8	68.3	70.0	70.5	71.1	71.3	71.8	72.3	75.3
GE 1800	23.1	30.3	45.4	55.4	60.4	63.9	68.6	68.8	69.2	71.0	71.5	72.0	72.3	72.8	73.2	76.2
GE 1500	23.4	31.4	46.7	57.3	62.6	66.0	70.9	71.1	71.5	73.2	73.8	74.3	74.5	75.1	75.5	78.5
GE 1200	24.1	32.4	47.7	58.6	64.0	68.2	73.0	73.2	73.8	75.5	76.0	76.6	76.8	77.3	77.7	80.9
GE 1000	24.2	32.7	48.7	59.8	65.6	70.1	75.3	75.5	76.0	77.7	78.3	78.9	79.1	79.7	80.2	83.3
GE 900	24.6	33.1	49.1	60.5	66.8	71.3	76.5	77.0	77.5	79.2	79.8	80.4	80.6	81.2	81.7	84.8
GE 800	24.8	33.5	49.9	61.5	68.0	72.6	78.4	78.7	79.2	81.1	81.6	82.3	82.5	83.0	83.5	86.7
GE 700	25.5	34.4	51.1	62.8	69.4	74.0	79.9	80.2	80.8	82.7	83.3	84.0	84.2	84.7	85.3	88.4
GE 600	25.6	34.4	51.2	63.0	69.9	74.5	80.4	80.9	81.4	83.3	84.1	84.7	84.9	85.5	86.0	89.1
GE 500	25.6	34.5	52.0	64.0	71.0	75.8	81.9	82.6	83.1	85.2	85.9	86.6	86.8	87.3	87.8	91.0
GE 400	25.6	34.6	52.6	64.8	71.8	76.7	82.9	83.9	84.5	86.9	87.6	88.3	88.5	89.0	89.6	92.7
GE 300	25.6	34.6	52.6	64.8	71.8	76.7	82.9	84.0	84.8	87.3	88.2	88.8	89.4	89.9	90.4	93.8
GE 200	25.6	34.6	52.6	64.8	71.8	76.7	83.1	84.4	85.5	88.0	89.0	89.9	90.4	91.1	91.7	95.1
GE 100	25.6	34.6	52.6	64.8	71.8	76.7	83.1	84.4	85.5	88.1	89.2	90.2	90.8	91.4	92.2	96.7
GE 000	25.6	34.6	52.6	64.8	71.8	76.7	83.1	84.4	85.5	88.1	89.2	90.2	90.8	91.5	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.0	14.1	18.7	20.9	23.4	24.3	27.2	28.3	28.9	31.2	32.2	32.6	33.1	33.5	34.1	37.7
GE 20000	12.4	14.4	19.4	21.8	24.4	25.4	28.3	29.4	30.0	32.4	33.3	33.8	34.3	34.7	35.3	38.9
GE 18000	12.4	14.4	19.5	21.9	24.5	25.6	28.5	29.6	30.3	32.7	33.7	34.1	34.6	35.1	35.6	39.2
GE 16000	12.4	14.5	19.6	22.0	24.6	25.7	28.6	29.7	30.4	32.8	33.8	34.2	34.7	35.2	35.7	39.4
GE 14000	12.4	14.5	19.7	22.2	24.7	25.	28.7	29.8	30.5	32.9	33.9	34.3	34.8	35.3	35.8	39.5
GE 12000	13.0	15.4	20.5	23.0	25.6	26.7	29.7	30.9	31.6	34.0	34.9	35.4	35.9	36.3	36.9	40.5
GE 10000	13.5	15.9	21.3	24.0	26.8	28.1	31.4	32.6	33.4	35.9	37.0	37.4	38.0	38.4	39.0	42.9
GE 9000	13.7	16.1	21.7	24.4	27.2	28.5	31.9	33.1	34.0	36.5	37.5	38.0	38.5	38.8	39.4	43.4
GE 8000	15.1	18.3	24.4	27.8	30.8	32.4	35.9	37.1	38.1	40.6	41.7	42.3	42.8	43.2	44.1	48.1
GE 7000	16.1	20.0	26.8	30.9	34.0	35.6	39.1	40.6	41.6	44.3	45.4	45.9	46.5	46.9	47.7	51.8
GE 6000	16.8	20.9	28.2	32.3	35.4	37.1	40.8	42.3	43.3	46.1	47.4	48.0	48.5	48.9	49.9	54.0
GE 5000	17.5	21.9	30.0	34.9	38.6	40.9	45.1	46.7	47.7	50.9	52.5	53.2	53.8	54.2	55.2	59.2
GE 4500	17.8	22.3	30.9	35.8	39.5	41.7	46.0	47.6	48.7	51.8	53.5	54.3	54.8	55.3	56.2	60.3
GE 4000	18.2	22.7	31.8	37.5	41.3	43.7	48.2	49.9	51.0	54.1	56.0	56.8	57.3	57.7	58.7	62.8
GE 3500	18.9	23.7	33.3	39.1	42.9	45.4	50.1	51.8	52.9	56.0	58.0	58.7	59.2	59.7	60.8	64.8
GE 3000	21.0	25.9	36.0	41.9	45.8	48.4	53.4	55.5	56.6	59.7	61.6	62.4	62.9	63.3	64.4	68.5
GE 2500	22.7	27.8	38.4	45.1	49.2	51.8	56.9	59.2	60.4	63.7	65.6	66.3	66.9	67.3	68.4	72.6
GE 2000	23.5	28.8	39.5	46.2	50.8	53.4	58.7	61.1	62.3	65.8	67.8	68.7	69.2	69.7	70.8	75.1
GE 1800	23.7	28.9	39.7	46.7	51.3	54.0	59.4	61.7	62.9	66.5	68.5	69.4	69.9	70.3	71.4	75.7
GE 1500	24.3	30.0	41.1	48.5	53.3	56.3	61.8	64.3	65.5	69.1	71.4	72.3	72.8	73.2	74.3	78.6
GE 1200	24.6	30.3	42.4	50.0	54.9	58.3	64.2	67.0	68.3	71.9	74.2	75.1	75.6	76.0	77.1	81.4
GE 1000	24.7	30.5	42.6	50.2	55.3	58.8	65.1	67.8	69.4	73.0	75.6	76.6	77.2	77.6	78.7	83.0
GE 900	25.6	31.2	43.8	51.7	57.4	61.0	67.3	70.1	71.6	75.3	78.0	78.9	79.6	80.0	81.1	85.5
GE 800	26.0	32.0	44.8	53.3	59.2	62.9	69.4	72.2	73.8	77.4	80.1	81.2	81.9	82.4	83.6	87.8
GE 700	26.1	32.4	45.3	54.2	60.3	64.0	70.5	73.3	74.9	78.6	81.3	82.4	83.1	83.5	84.6	89.0
GE 600	26.2	32.7	45.7	54.6	61.0	64.8	71.7	74.5	76.2	80.0	82.7	83.8	84.5	84.9	86.0	90.4
GE 500	26.6	33.1	46.6	55.9	62.4	66.5	73.5	76.7	78.5	82.4	85.3	86.3	87.1	87.5	88.6	93.0
GE 400	26.7	33.2	46.7	56.0	62.7	66.8	74.2	77.3	79.4	83.4	86.5	87.5	88.4	88.9	90.0	94.5
GE 300	26.7	33.2	46.8	56.2	63.1	67.3	74.7	78.2	80.2	84.6	87.8	88.9	89.8	90.3	91.4	96.0
GE 200	26.7	33.2	46.8	56.3	63.2	67.4	74.8	78.3	80.3	84.7	88.1	89.1	90.2	91.0	92.1	97.1
GE 100	26.7	33.2	46.8	56.3	63.2	67.4	74.8	78.3	80.3	84.7	88.1	89.1	90.2	91.0	92.3	98.4
GE 000	26.7	33.2	46.8	56.3	63.2	67.4	74.8	78.3	80.3	84.7	88.1	89.1	90.2	91.0	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.2	19.9	23.1	26.8	28.3	31.0	33.9	34.5	34.8	35.8	36.1	36.1	36.6	36.6	36.7	37.6
GE 20000	17.8	21.0	25.4	29.1	30.8	33.7	36.6	37.2	37.5	38.5	38.8	38.8	39.2	39.2	39.4	40.3
GE 18000	18.0	21.2	25.6	29.5	31.2	34.1	37.0	37.6	38.0	38.9	39.2	39.2	39.7	39.7	39.8	40.8
GE 16000	18.2	21.4	25.8	29.8	31.5	34.4	37.3	38.0	38.3	39.2	39.6	39.6	40.0	40.0	40.1	41.1
GE 14000	18.6	21.9	26.5	30.9	32.7	35.6	38.5	39.1	39.5	40.4	40.8	40.8	41.2	41.2	41.3	42.3
GE 12000	19.6	23.2	28.0	32.5	34.3	37.2	40.1	40.8	41.1	42.0	42.4	42.4	42.8	42.8	42.9	43.9
GE 10000	20.6	24.6	29.5	34.5	36.6	39.5	42.7	43.3	43.7	44.7	45.1	45.1	45.5	45.5	45.6	46.6
GE 9000	20.8	25.1	30.0	35.1	37.1	40.2	43.4	44.1	44.4	45.5	45.8	45.8	46.2	46.2	46.3	47.3
GE 8000	21.8	26.3	32.4	37.6	40.1	43.2	46.6	47.3	47.6	48.7	49.1	49.2	49.7	49.7	49.8	50.8
GE 7000	22.5	27.5	34.2	39.6	42.0	45.3	48.8	49.6	49.9	51.0	51.4	51.5	51.9	51.9	52.0	53.0
GE 6000	23.7	28.9	35.9	41.4	43.9	47.4	51.3	52.0	52.5	53.5	54.0	54.1	54.5	54.5	54.6	55.6
GE 5000	24.7	30.3	38.0	44.0	46.6	50.4	54.6	55.5	55.9	57.0	57.5	57.6	58.1	58.1	58.2	59.1
GE 4500	25.3	31.0	39.1	45.3	48.0	51.8	56.1	57.0	57.4	58.6	59.1	59.2	59.7	59.7	59.8	60.9
GE 4000	26.6	32.5	41.4	48.1	51.0	54.8	59.4	60.2	60.6	61.8	62.6	62.8	63.2	63.2	63.4	64.4
GE 3500	27.6	33.7	42.6	49.2	52.2	56.1	60.8	61.7	62.2	63.4	64.2	64.4	64.8	64.8	65.1	66.0
GE 3000	28.8	34.9	44.0	50.9	53.8	57.7	62.6	63.5	64.0	65.3	66.0	66.2	66.7	66.7	66.9	67.8
GE 2500	32.0	38.4	48.0	54.8	57.7	61.8	67.1	68.4	68.8	70.2	71.0	71.3	71.7	71.7	72.0	73.0
GE 2000	34.2	40.9	50.8	57.6	60.8	64.9	70.4	71.8	72.3	73.8	74.5	74.8	75.3	75.3	75.6	76.6
GE 1800	34.8	41.6	51.5	58.4	61.6	66.0	71.5	72.9	73.3	74.8	75.6	75.9	76.3	76.3	76.7	77.6
GE 1500	36.0	43.1	53.4	60.9	64.1	68.5	74.1	75.5	76.0	77.6	78.5	78.8	79.2	79.2	79.6	80.5
GE 1200	36.7	44.4	56.1	63.8	67.1	71.8	77.8	79.4	79.9	81.5	82.5	82.8	83.2	83.2	83.5	84.5
GE 1000	37.0	45.1	57.2	65.5	69.1	74.0	80.2	81.8	82.4	84.3	85.4	85.7	86.1	86.1	86.5	87.4
GE 900	37.2	45.3	57.4	66.1	69.9	74.7	81.1	82.7	83.2	85.3	86.3	86.7	87.1	87.1	87.4	88.4
GE 800	37.5	45.6	58.0	66.9	70.9	75.7	82.0	84.0	84.8	87.1	88.2	88.6	89.0	89.0	89.4	90.3
GE 700	37.5	45.8	58.4	67.5	71.6	76.6	83.0	85.2	86.0	88.3	89.4	89.8	90.2	90.2	90.5	91.5
GE 600	37.7	46.1	59.0	68.9	73.0	78.2	84.8	87.2	88.2	90.4	91.5	91.9	92.4	92.4	92.7	93.7
GE 500	37.7	46.1	59.1	69.4	73.5	78.7	85.9	88.4	89.5	91.8	92.9	93.3	93.8	93.8	94.1	95.1
GE 400	37.8	46.2	59.5	69.7	74.2	79.4	87.0	89.7	90.8	93.2	94.5	95.1	95.6	95.6	95.9	96.9
GE 300	37.8	46.2	59.7	69.9	74.4	79.6	87.3	90.1	91.4	94.3	95.9	96.5	97.2	97.2	97.7	98.7
GE 200	37.8	46.2	59.7	69.9	74.4	79.6	87.3	90.1	91.4	94.3	96.0	96.6	97.3	97.3	98.0	99.0
GE 100	37.8	46.2	59.7	69.9	74.4	79.6	87.3	90.1	91.4	94.3	96.0	96.6	97.3	97.3	98.0	99.5
GE 000	37.8	46.2	59.7	69.9	74.4	79.6	87.3	90.1	91.4	94.3	96.0	96.6	97.3	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.3	23.4	25.8	29.5	31.2	33.0	33.8	34.1	34.1	34.4	34.6	34.7	34.7	34.8	34.8	34.8
GE 20000	22.9	25.4	28.2	31.9	33.8	35.6	36.3	36.8	36.8	37.1	37.3	37.4	37.4	37.5	37.5	37.5
GE 18000	22.8	25.4	28.2	32.0	33.9	35.7	36.5	36.9	36.9	37.2	37.4	37.5	37.5	37.6	37.6	37.6
GE 16000	23.1	25.6	28.4	32.4	34.2	36.0	36.8	37.2	37.2	37.5	37.7	37.8	37.8	38.0	38.0	38.0
GE 14000	23.9	26.3	29.1	33.1	34.9	36.9	37.5	38.0	38.0	38.3	38.5	38.6	38.6	38.7	38.7	38.7
GE 12000	25.1	27.7	30.5	34.7	36.6	38.4	39.1	39.6	39.6	39.9	40.1	40.2	40.2	40.3	40.3	40.3
GE 10000	26.3	30.1	33.1	37.6	39.5	41.4	42.2	42.6	42.6	42.9	43.1	43.2	43.2	43.3	43.3	43.3
GE 9000	26.7	30.6	33.5	38.2	40.1	42.0	42.8	43.2	43.2	43.5	43.8	43.9	43.9	44.0	44.0	44.0
GE 8000	28.8	32.7	36.2	41.0	43.0	45.2	46.1	46.6	46.6	46.9	47.1	47.2	47.2	47.3	47.3	47.3
GE 7000	29.6	33.5	37.3	42.4	44.4	46.8	47.7	48.2	48.2	48.5	48.7	48.8	48.8	48.9	48.9	48.9
GE 6000	30.9	35.2	38.9	44.0	46.0	48.4	49.5	49.9	49.9	50.2	50.4	50.5	50.5	50.6	50.6	50.6
GE 5000	32.5	36.9	40.9	46.0	48.4	50.8	51.9	52.4	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.1
GE 4500	33.1	37.5	41.6	46.8	49.2	51.6	52.8	53.2	53.2	53.5	53.8	53.9	53.9	54.0	54.0	54.0
GE 4000	34.6	40.1	44.7	50.0	52.5	54.8	56.0	56.5	56.5	57.0	57.3	57.4	57.4	57.5	57.5	57.5
GE 3500	36.0	41.6	46.3	51.6	54.1	56.5	57.8	58.3	58.3	58.8	59.1	59.2	59.2	59.4	59.4	59.4
GE 3000	38.3	44.3	49.1	54.5	57.0	59.5	61.0	61.5	61.6	62.2	62.5	62.6	62.6	62.7	62.7	62.7
GE 2500	45.3	51.7	56.9	62.4	65.2	67.7	69.4	69.9	70.0	70.5	70.9	71.0	71.0	71.1	71.1	71.1
GE 2000	49.0	56.0	61.9	67.6	70.9	73.5	75.2	75.7	75.8	76.5	76.8	76.9	76.9	77.0	77.0	77.0
GE 1800	50.4	57.6	64.0	70.1	73.3	76.0	77.7	78.3	78.4	79.0	79.4	79.5	79.5	79.6	79.6	79.6
GE 1500	52.0	59.9	66.5	72.9	76.8	79.5	81.5	82.0	82.3	82.9	83.2	83.3	83.3	83.4	83.4	83.4
GE 1200	53.2	61.5	68.6	75.5	79.4	82.8	85.3	86.0	86.2	86.9	87.2	87.3	87.3	87.4	87.4	87.4
GE 1000	54.0	62.3	69.6	76.9	81.1	84.6	87.4	88.3	88.5	89.2	89.6	89.7	89.7	89.8	89.8	89.8
GE 900	54.1	62.4	69.8	77.6	81.6	85.3	88.2	89.0	89.2	90.0	90.3	90.4	90.4	90.5	90.5	90.5
GE 800	54.2	62.5	70.0	77.8	82.0	85.7	88.9	89.8	90.0	90.8	91.1	91.2	91.2	91.3	91.3	91.3
GE 700	54.4	62.7	70.6	79.1	83.4	87.2	90.8	91.6	91.8	92.7	93.0	93.1	93.1	93.2	93.2	93.2
GE 600	54.5	62.8	70.8	79.4	83.9	87.7	91.5	92.7	92.9	94.2	94.5	94.6	94.6	94.7	94.7	94.7
GE 500	54.7	63.0	71.2	80.3	84.9	89.1	93.4	94.8	95.1	96.5	96.8	97.0	97.0	97.1	97.1	97.1
GE 400	54.7	63.0	71.2	80.3	85.2	89.4	94.0	96.1	96.5	98.0	98.3	98.5	98.5	98.6	98.6	98.6
GE 300	54.7	63.0	71.2	80.3	85.2	89.4	94.0	96.2	96.6	98.5	99.0	99.4	99.4	99.5	99.5	99.5
GE 200	54.7	63.0	71.2	80.3	85.2	89.4	94.0	96.2	96.6	98.5	99.0	99.5	99.5	99.6	99.6	99.6
GE 100	54.7	63.0	71.2	80.3	85.2	89.4	94.0	96.2	96.6	98.5	99.0	99.5	99.5	99.6	99.7	100.0
GE 000	54.7	63.0	71.2	80.3	85.2	89.4	94.0	96.2	96.6	98.5	99.0	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.9	24.6	27.2	31.6	34.6	35.9	37.5	38.4	38.8	38.9	38.9	38.9	39.0	39.0	39.0	39.1
GE 20000	22.3	26.0	28.7	33.1	36.1	37.4	39.0	39.9	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.6
GE 18000	22.3	26.0	28.8	33.2	36.2	37.5	39.1	40.0	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.7
GE 16000	22.5	26.2	29.4	33.8	36.8	38.1	39.7	40.5	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.3
GE 14000	23.2	27.0	30.1	34.5	37.5	38.8	40.5	41.4	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.2
GE 12000	24.6	28.5	31.9	36.7	39.8	41.2	42.9	43.8	44.2	44.3	44.3	44.3	44.4	44.4	44.4	44.5
GE 10000	25.8	30.1	33.9	38.8	42.0	43.4	45.2	46.0	46.5	46.6	46.6	46.6	46.7	46.7	46.7	46.8
GE 9000	26.2	30.8	34.5	39.5	42.7	44.1	45.8	46.7	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.4
GE 8000	28.5	33.1	37.0	42.4	45.6	47.0	48.7	49.6	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.3
GE 7000	29.9	34.9	39.8	45.4	48.7	50.3	52.2	53.2	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0
GE 6000	31.0	36.1	41.1	46.8	50.1	51.7	53.5	54.6	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.4
GE 5000	32.8	38.6	44.3	50.3	53.7	55.3	57.1	58.2	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9
GE 4500	33.8	39.8	46.0	52.2	55.5	57.2	59.0	60.1	60.5	60.6	60.9	60.9	61.0	61.0	61.0	61.1
GE 4000	35.8	42.2	49.2	55.7	59.1	61.0	62.8	63.9	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.9
GE 3500	38.1	44.6	52.2	59.2	62.8	64.6	66.6	67.7	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.8
GE 3000	40.4	47.4	55.4	62.7	66.6	68.4	70.3	71.7	72.2	72.5	72.7	72.7	72.8	72.8	72.8	72.9
GE 2500	44.9	52.7	61.4	69.3	73.5	75.7	78.0	79.5	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.6
GE 2000	47.6	55.9	64.7	72.8	77.5	79.9	82.2	83.7	84.1	84.4	84.6	84.6	84.7	84.7	84.7	84.8
GE 1800	47.7	56.5	65.4	73.4	78.2	80.6	83.0	84.5	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.7
GE 1500	48.1	57.1	66.2	74.3	79.9	82.4	85.1	86.6	87.0	87.3	87.5	87.5	87.6	87.6	87.6	87.7
GE 1200	48.5	57.8	67.6	76.6	81.7	84.3	87.2	88.8	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.2
GE 1000	49.0	58.6	68.7	77.8	83.0	85.9	89.2	90.9	91.4	91.9	92.2	92.2	92.3	92.3	92.3	92.4
GE 900	49.1	58.7	68.8	78.1	83.2	86.2	89.9	91.5	92.0	92.6	92.8	92.8	92.9	92.9	92.9	93.0
GE 800	49.1	58.7	68.8	78.3	83.4	86.5	90.2	91.8	92.5	93.0	93.2	93.2	93.3	93.3	93.3	93.4
GE 700	49.1	58.8	69.2	78.9	84.1	87.3	91.3	92.9	93.7	94.2	94.4	94.4	94.5	94.5	94.5	94.6
GE 600	49.1	58.8	69.2	79.1	84.4	88.1	92.3	93.9	94.8	95.8	96.1	96.1	96.2	96.2	96.2	96.3
GE 500	49.1	58.8	69.2	79.5	85.1	88.7	93.3	95.1	96.1	97.2	97.5	97.7	98.0	98.0	98.0	98.1
GE 400	49.1	58.8	69.5	79.8	85.5	89.1	93.8	95.6	96.7	97.8	98.2	98.6	98.8	98.8	98.8	98.9
GE 300	49.1	58.8	69.5	79.8	85.5	89.1	93.8	95.6	96.7	98.0	98.5	98.9	99.2	99.2	99.2	99.4
GE 200	49.1	58.8	69.5	79.8	85.5	89.2	93.9	95.7	96.8	98.1	98.6	99.0	99.4	99.4	99.4	99.5
GE 100	49.1	58.8	69.5	79.8	85.5	89.2	93.9	95.7	96.8	98.1	98.6	99.0	99.4	99.4	99.4	100.0
GE 000	49.1	58.8	69.5	79.8	85.5	89.2	93.9	95.7	96.8	98.1	98.6	99.0	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.1	25.4	30.8	34.8	39.6	40.2	41.4	42.6	43.1	43.5	43.9	44.0	44.1	44.4	44.6	44.8
GE 20000	20.3	26.1	31.8	36.1	39.9	41.5	42.7	43.9	44.4	44.8	45.2	45.3	45.4	45.7	45.9	46.1
GE 18000	20.3	26.1	31.9	36.2	40.0	41.6	42.8	44.0	44.5	44.9	45.3	45.4	45.5	45.8	46.0	46.2
GE 16000	20.3	26.1	31.9	36.2	40.1	41.7	42.9	44.1	44.6	45.1	45.4	45.5	45.6	45.9	46.1	46.3
GE 14000	20.8	26.7	32.6	36.9	40.9	42.5	43.7	44.8	45.4	45.8	46.1	46.2	46.3	46.7	46.9	47.1
GE 12000	21.3	27.6	33.9	38.3	42.4	44.0	45.3	46.5	47.0	47.4	47.7	47.8	48.0	48.3	48.5	48.7
GE 10000	21.9	28.6	35.9	40.4	44.5	46.2	47.7	48.9	49.5	49.9	50.2	50.3	50.4	50.8	51.0	51.2
GE 9000	22.3	29.4	36.8	41.3	45.4	47.1	48.6	49.8	50.3	50.8	51.1	51.2	51.3	51.6	51.8	52.0
GE 8000	23.8	31.1	39.0	44.7	48.9	50.9	52.7	53.9	54.4	54.9	55.3	55.4	55.5	55.9	56.1	56.3
GE 7000	24.7	32.3	40.8	46.7	51.0	52.9	54.7	55.9	56.5	57.0	57.3	57.4	57.5	58.0	58.2	58.4
GE 6000	25.2	32.8	41.5	47.4	51.9	53.9	55.7	56.9	57.4	58.0	58.3	58.4	58.5	58.9	59.1	59.4
GE 5000	26.8	35.1	44.6	51.1	55.8	57.7	59.8	61.3	61.8	62.4	62.7	62.8	62.9	63.3	63.5	63.8
GE 4500	27.7	36.5	46.2	52.7	57.6	59.6	61.6	63.1	63.8	64.4	64.8	64.9	65.1	65.5	65.7	65.9
GE 4000	29.1	38.7	49.6	56.5	61.5	63.4	65.6	67.1	67.7	68.4	68.8	68.9	69.0	69.5	69.7	69.9
GE 3500	29.5	39.9	51.2	58.5	63.5	65.5	67.7	69.2	69.1	70.5	71.0	71.1	71.2	71.6	71.8	72.0
GE 3000	30.6	41.3	52.9	60.4	66.2	68.2	70.4	72.0	72.7	73.3	73.8	73.9	74.0	74.4	74.6	74.8
GE 2500	33.0	44.1	56.1	64.4	70.2	72.5	75.4	77.0	77.6	78.3	78.7	78.8	78.9	79.4	79.6	79.8
GE 2000	34.0	45.4	57.7	66.0	72.6	75.3	78.1	79.7	80.3	81.0	81.4	81.5	81.6	82.0	82.3	82.5
GE 1800	34.6	46.1	58.6	67.5	73.5	76.2	79.0	80.6	81.3	81.9	82.4	82.5	82.6	83.0	83.2	83.4
GE 1500	35.3	47.1	59.8	69.5	75.9	78.6	81.7	83.4	84.1	84.7	85.2	85.3	85.4	85.8	86.0	86.2
GE 1200	35.6	47.4	60.2	70.3	76.9	79.6	82.8	84.3	85.5	86.1	86.6	86.7	86.8	87.2	87.4	87.6
GE 1000	35.8	47.6	61.1	71.3	78.1	80.8	84.6	86.3	87.4	88.2	88.6	88.7	88.8	89.2	89.5	89.7
GE 900	35.8	47.7	61.3	71.5	78.3	81.2	85.2	87.3	88.0	88.7	89.1	89.2	89.4	89.8	90.0	90.2
GE 800	35.8	48.1	61.8	72.5	79.4	82.7	87.0	89.1	89.8	90.9	91.3	91.4	91.5	91.9	92.2	92.4
GE 700	35.8	48.1	61.8	72.7	79.6	82.9	87.3	89.5	90.3	91.4	91.8	91.9	92.0	92.5	92.7	92.9
GE 600	35.8	48.2	62.0	73.0	80.1	83.7	88.3	90.6	91.4	92.6	93.0	93.1	93.2	93.7	93.9	94.1
GE 500	35.8	48.2	62.2	73.2	80.6	84.4	89.2	91.9	92.9	94.1	94.5	94.6	94.7	95.2	95.4	95.6
GE 400	35.8	48.2	62.2	73.3	80.9	84.7	89.9	92.7	93.8	95.2	95.6	95.7	95.8	96.2	96.5	96.7
GE 300	35.8	48.2	62.2	73.3	80.9	84.7	89.9	92.9	94.5	96.2	96.8	96.9	97.1	97.6	98.0	98.2
GE 200	35.8	48.2	62.2	73.3	80.9	84.7	89.9	93.0	94.6	96.5	97.1	97.2	97.4	98.0	98.3	98.5
GE 100	35.8	48.2	62.2	73.3	80.9	84.7	89.9	93.0	94.7	96.6	97.2	97.3	97.5	98.1	98.4	99.6
GE 000	35.8	48.2	62.2	73.3	80.9	84.7	89.9	93.0	94.7	96.6	97.2	97.3	97.5	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.4	26.8	34.5	37.5	40.0	41.5	43.9	44.5	45.3	46.0	46.3	46.3	46.6	47.1	47.1	47.7
GE 20000	21.5	27.1	35.1	38.1	40.5	42.0	44.4	45.4	45.8	46.5	46.9	46.9	47.1	47.6	47.6	48.3
GE 18000	21.5	27.1	35.1	38.1	40.5	42.0	44.4	45.4	45.8	46.6	46.9	46.9	47.1	47.6	47.6	48.3
GE 16000	21.5	27.1	35.1	38.1	40.5	42.0	44.4	45.4	45.8	46.6	46.9	46.9	47.1	47.6	47.6	48.3
GE 14000	21.7	27.2	35.3	38.3	40.3	42.3	44.6	45.6	46.0	46.4	47.1	47.1	47.3	47.8	47.8	48.5
GE 12000	22.3	27.7	36.0	39.0	41.5	43.0	45.4	46.3	46.5	47.5	47.8	47.8	48.1	48.6	48.6	49.2
GE 10000	23.7	29.5	38.1	41.3	43.9	45.6	48.0	48.9	49.4	50.1	50.4	50.4	50.6	51.2	51.2	51.8
GE 9000	24.2	30.6	38.7	42.0	44.5	46.3	48.7	49.7	50.1	50.9	51.2	51.2	51.4	51.9	51.9	52.6
GE 8000	25.6	31.6	40.9	45.4	48.1	50.1	52.6	53.5	54.0	54.7	55.1	55.1	55.3	55.8	55.8	56.6
GE 7000	26.2	32.3	41.9	46.7	49.4	51.4	53.9	54.8	55.3	56.0	56.3	56.3	56.6	57.1	57.1	57.8
GE 6000	27.0	33.4	44.1	48.9	51.7	53.9	56.2	57.2	57.6	58.4	58.7	58.7	58.9	59.5	59.5	60.2
GE 5000	28.6	35.2	46.2	52.4	55.3	57.6	60.3	61.5	61.9	62.8	63.1	63.1	63.3	63.9	63.9	64.6
GE 4500	29.6	36.5	48.3	54.7	57.6	60.0	62.7	64.0	64.4	65.3	65.6	65.6	65.8	66.3	66.3	67.1
GE 4000	31.0	38.5	52.0	58.7	61.6	64.0	66.7	68.0	68.4	69.2	69.6	69.6	69.8	70.3	70.4	71.2
GE 3500	32.3	40.2	54.2	60.9	63.8	66.1	68.8	70.1	70.5	71.4	71.7	71.7	71.9	72.5	72.6	73.3
GE 3000	33.3	41.3	55.6	62.4	65.5	68.0	70.6	71.9	72.4	73.2	73.5	73.5	73.8	74.3	74.4	75.5
GE 2500	34.0	42.0	56.6	64.3	67.3	70.0	73.0	74.8	75.3	76.1	76.5	76.5	76.7	77.2	77.3	78.4
GE 2000	34.5	43.4	58.3	66.2	70.1	72.9	75.9	77.2	77.6	78.5	78.8	78.8	79.0	79.6	79.7	81.0
GE 1800	35.1	44.9	59.9	67.0	71.4	74.2	77.2	78.6	79.0	79.9	80.2	80.2	80.4	81.0	81.1	82.4
GE 1500	35.6	46.4	60.1	68.5	73.0	75.9	78.9	80.5	81.0	81.8	82.2	82.2	82.4	82.9	83.0	84.3
GE 1200	36.0	48.1	61.3	70.1	74.6	77.5	81.0	82.9	83.3	84.2	84.5	84.5	84.7	85.3	85.4	86.7
GE 1000	36.3	48.5	61.9	70.9	75.4	78.5	82.2	84.1	84.5	85.4	85.7	85.7	85.9	86.5	86.6	87.8
GE 900	36.3	48.5	61.9	70.9	75.7	78.8	82.5	84.4	84.8	85.7	86.0	86.0	86.2	86.8	86.9	88.2
GE 800	36.9	48.1	62.9	72.6	77.7	81.1	84.9	86.9	87.3	88.3	88.6	88.6	88.8	89.4	89.5	90.8
GE 700	36.9	48.2	63.0	72.8	78.3	81.6	85.6	87.5	88.0	88.9	89.2	89.2	89.5	90.0	90.1	91.6
GE 600	36.9	48.2	63.2	73.1	78.7	82.3	86.5	88.4	88.8	89.8	90.1	90.1	90.3	90.9	91.0	92.3
GE 500	36.9	48.2	63.2	73.1	78.9	82.6	87.1	89.0	89.5	90.6	91.0	91.0	91.2	91.7	91.8	93.1
GE 400	36.9	48.2	63.2	73.1	79.0	82.6	87.2	89.2	89.7	91.0	91.3	91.3	91.5	92.0	92.2	93.4
GE 300	36.9	48.2	63.2	73.1	79.0	82.6	87.5	89.5	90.4	91.7	92.0	92.0	92.3	92.8	93.1	94.4
GE 200	36.9	48.2	63.2	73.1	79.1	82.7	87.5	90.0	90.9	92.7	93.0	93.0	93.4	94.0	94.3	95.6
GE 100	36.9	48.2	63.2	73.1	79.1	82.7	87.5	90.0	90.9	92.7	93.0	93.0	93.4	94.0	94.3	96.9
GE 000	36.9	48.2	63.2	73.1	79.1	82.7	87.5	90.0	90.9	92.7	93.0	93.0	93.4	94.0	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.2	21.9	27.5	31.3	33.7	35.3	37.4	38.2	38.6	39.4	39.8	40.0	40.2	40.4	40.6	41.9
GE 20000	18.8	22.7	29.7	32.6	35.0	36.7	38.9	39.6	40.0	40.8	41.2	41.4	41.6	41.8	42.0	43.3
GE 18000	18.3	22.7	28.9	32.7	35.1	36.3	39.0	39.7	40.1	41.0	41.4	41.5	41.7	42.0	42.1	43.4
GE 16000	18.9	22.8	29.0	32.9	35.3	37.0	39.2	39.9	40.3	41.2	41.5	41.7	41.9	42.2	42.3	43.6
GE 14000	19.2	23.2	29.4	33.4	35.8	37.6	39.7	40.4	40.8	41.7	42.1	42.2	42.5	42.7	42.9	44.2
GE 12000	19.9	24.0	30.4	34.6	37.1	38.8	41.0	41.7	42.1	43.0	43.4	43.5	43.8	44.0	44.2	45.4
GE 10000	20.8	25.3	32.2	36.6	39.2	41.0	43.3	44.0	44.4	45.3	45.7	45.9	46.1	46.4	46.5	47.9
GE 9000	21.1	25.7	32.7	37.1	39.7	41.5	43.9	44.6	45.0	45.9	46.3	46.5	46.7	47.0	47.1	48.5
GE 8000	22.5	27.4	34.9	40.0	42.8	44.8	47.2	48.0	48.4	49.4	49.8	50.0	50.2	50.4	50.7	52.0
GE 7000	23.4	28.6	36.7	42.0	44.9	47.0	49.4	50.3	50.8	51.7	52.1	52.3	52.5	52.8	53.0	54.4
GE 6000	24.2	29.7	38.1	43.5	46.5	48.7	51.2	52.1	52.5	53.5	53.9	54.1	54.4	54.6	54.9	56.3
GE 5000	25.5	31.3	40.4	46.5	49.7	52.2	54.9	55.9	56.4	57.4	57.9	58.1	58.4	58.7	58.9	60.3
GE 4500	26.3	32.3	41.8	47.9	51.2	53.7	56.4	57.4	57.9	59.0	59.6	59.8	60.0	60.3	60.5	61.9
GE 4000	27.5	34.0	44.5	51.1	54.5	57.0	59.9	60.9	61.4	62.5	63.2	63.4	63.6	63.9	64.2	65.6
GE 3500	28.5	35.3	46.0	52.8	56.2	58.8	61.8	62.8	63.3	64.4	65.1	65.3	65.5	65.8	66.1	67.5
GE 3000	30.2	37.2	48.3	55.2	58.9	61.5	64.6	65.7	66.3	67.4	68.2	68.4	68.6	68.9	69.2	70.6
GE 2500	32.7	40.0	51.6	59.2	63.2	65.9	69.3	70.5	71.1	72.3	73.0	73.3	73.5	73.8	74.1	75.6
GE 2000	34.3	42.1	54.1	61.2	66.3	69.2	72.6	73.9	74.4	75.7	76.5	76.7	77.0	77.3	77.6	79.1
GE 1800	34.8	42.6	54.8	62.8	67.2	70.2	73.7	75.0	75.6	76.8	77.6	77.9	78.1	78.4	78.7	80.2
GE 1500	35.6	43.8	56.3	64.7	69.5	72.6	76.3	77.6	78.2	79.5	80.3	80.6	80.8	81.1	81.4	82.9
GE 1200	36.1	44.6	57.7	66.4	71.3	74.7	78.7	80.2	80.8	82.1	82.9	83.2	83.4	83.8	84.1	85.6
GE 1000	36.4	45.1	58.5	67.5	72.6	76.1	80.5	82.0	82.6	84.1	85.0	85.2	85.5	85.8	86.1	87.7
GE 900	36.6	45.3	58.8	68.0	73.3	76.9	81.4	82.9	83.5	85.0	85.9	86.2	86.4	86.8	87.1	88.6
GE 800	36.9	45.7	59.4	69.0	74.4	78.1	82.3	84.4	85.1	86.6	87.5	87.8	88.1	88.4	88.8	90.3
GE 700	37.1	45.9	59.9	69.7	75.2	79.0	83.3	85.5	86.2	87.7	88.7	89.0	89.2	89.6	89.9	91.4
GE 600	37.1	46.0	60.1	70.1	75.8	79.8	84.8	86.6	87.3	89.0	90.0	90.3	90.6	90.9	91.2	92.8
GE 500	37.2	46.1	60.4	70.7	76.6	80.7	86.0	88.0	88.6	90.6	91.6	92.0	92.2	92.6	92.9	94.4
GE 400	37.2	46.2	60.6	70.9	77.0	81.1	86.6	88.6	89.2	91.2	92.2	92.8	93.2	93.5	93.8	95.2
GE 300	37.2	46.2	60.6	71.0	77.1	81.3	86.8	89.1	90.2	92.4	93.6	94.1	94.4	94.8	95.2	96.8
GE 200	37.3	46.2	60.7	71.0	77.1	81.3	86.9	89.2	90.4	92.7	94.0	94.5	95.0	95.4	95.8	97.5
GE 100	37.3	46.2	60.7	71.0	77.1	81.3	86.9	89.2	90.4	92.8	94.1	94.6	95.0	95.5	96.0	98.4
GE 000	37.3	46.2	60.7	71.0	77.1	81.3	86.9	89.2	90.4	92.8	94.1	94.6	95.1	95.5	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.1	18.3	22.1	25.8	27.7	29.2	31.2	32.4	33.0	34.2	35.3	35.4	35.9	36.2	36.4	37.6
GE 20000	14.3	18.6	22.3	26.0	28.1	29.8	31.8	33.1	33.9	35.1	36.2	36.3	36.8	37.1	37.3	38.4
GE 18000	14.3	18.6	22.4	26.1	28.2	29.9	31.9	33.2	34.0	35.2	36.3	36.4	36.9	37.2	37.4	38.6
GE 16000	14.6	18.8	22.8	26.4	28.6	30.2	32.2	33.6	34.3	35.6	36.7	36.8	37.2	37.6	37.8	38.9
GE 14000	14.6	18.9	22.9	26.6	28.7	30.3	32.4	33.9	34.7	35.9	37.0	37.1	37.6	37.9	38.1	39.2
GE 12000	14.7	19.0	23.1	26.8	29.0	30.8	33.0	34.4	35.2	36.4	37.6	37.7	38.1	38.4	38.7	39.8
GE 10000	15.4	19.9	23.9	28.4	30.8	32.7	35.0	36.6	37.4	38.7	39.8	39.9	40.3	40.7	40.9	42.0
GE 9000	15.6	19.9	24.1	28.7	31.0	33.0	35.3	36.9	37.8	39.0	40.1	40.2	40.7	41.0	41.2	42.3
GE 8000	15.9	20.2	24.6	29.1	32.0	34.6	37.0	38.6	39.8	41.1	42.2	42.3	42.8	43.1	43.3	44.4
GE 7000	16.3	20.9	25.3	30.1	33.2	35.8	38.2	39.8	41.0	42.3	43.4	43.6	44.0	44.3	44.6	45.7
GE 6000	17.6	22.1	26.6	32.0	35.9	38.4	41.0	42.6	43.8	45.1	46.2	46.3	46.8	47.1	47.3	48.4
GE 5000	18.4	23.9	29.3	35.6	40.0	42.8	45.7	47.6	48.8	50.1	51.2	51.3	51.8	52.1	52.3	53.4
GE 4500	18.7	24.3	30.0	36.7	41.2	44.2	47.3	49.2	50.4	51.8	52.9	53.0	53.4	53.8	54.0	55.1
GE 4000	20.9	27.4	34.2	43.0	48.2	51.3	54.6	56.6	58.0	59.6	60.8	60.9	61.3	61.7	61.9	63.0
GE 3500	20.9	27.6	34.6	43.3	48.6	51.7	54.9	56.9	58.3	59.9	61.1	61.2	61.7	62.0	62.2	63.3
GE 3000	22.2	28.9	36.4	46.2	51.8	55.1	58.6	60.7	62.1	63.7	64.9	65.0	65.4	65.9	66.1	67.2
GE 2500	25.1	32.0	41.4	52.0	57.6	61.3	64.9	67.2	68.8	70.3	71.6	71.7	72.2	72.7	72.9	74.2
GE 2000	25.8	33.0	43.1	55.1	61.0	65.1	69.0	71.6	73.6	75.1	76.4	76.6	77.1	77.6	77.8	79.1
GE 1800	26.4	33.8	44.2	56.2	62.1	66.3	70.3	73.0	75.0	76.6	77.9	78.0	78.6	79.0	79.2	80.6
GE 1500	27.2	34.7	45.9	58.2	64.3	68.7	72.9	75.8	77.9	79.7	81.0	81.2	81.8	82.2	82.4	83.8
GE 1200	27.6	35.3	46.9	59.4	65.7	70.1	74.7	77.9	80.3	82.2	83.6	83.8	84.6	85.0	85.2	86.6
GE 1000	27.7	35.4	47.2	60.3	66.8	71.3	75.9	79.2	81.7	83.7	85.1	85.3	86.1	86.6	86.9	88.2
GE 900	27.7	35.4	47.3	60.4	66.9	71.4	76.2	79.6	82.0	84.0	85.4	85.7	86.4	86.9	87.2	88.6
GE 800	27.8	35.7	47.8	61.2	67.7	72.2	77.0	80.3	82.8	84.8	86.3	86.6	87.3	87.8	88.1	89.4
GE 700	27.8	35.7	48.0	61.9	68.4	73.0	77.9	81.2	83.7	85.7	87.2	87.4	88.2	88.8	89.1	90.4
GE 600	27.8	35.7	48.0	62.4	69.3	73.9	79.0	82.3	84.8	86.8	88.4	88.7	89.4	90.0	90.3	91.7
GE 500	27.8	35.7	48.4	63.2	70.6	75.3	80.7	84.0	86.4	88.6	90.2	90.4	91.2	91.8	92.1	93.4
GE 400	27.8	35.7	48.6	63.3	70.9	75.3	81.2	84.8	87.2	89.6	91.2	91.4	92.2	92.8	93.2	94.6
GE 300	27.8	35.7	48.6	63.3	71.0	75.9	81.6	85.2	87.8	90.2	91.9	92.1	92.9	93.6	94.2	96.0
GE 200	27.8	35.7	48.6	63.3	71.1	76.1	82.0	85.7	88.2	90.8	92.7	92.9	93.7	94.4	95.2	97.3
GE 100	27.8	35.7	48.6	63.3	71.1	76.1	82.0	85.7	88.2	90.8	92.8	93.0	93.8	94.6	95.3	98.3
GE 000	27.8	35.7	48.6	63.3	71.1	76.1	82.0	85.7	88.2	90.8	92.8	93.0	93.8	94.6	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 200

OPERATING LOCATION MAM — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.3	17.9	22.1	27.2	28.6	29.7	32.4	33.6	34.0	34.8	35.3	35.6	35.6	36.0	36.3	36.7
GE 20000	14.4	18.0	22.2	27.3	28.7	29.8	32.6	33.7	34.1	34.9	35.4	35.7	35.7	36.1	36.6	36.9
GE 18000	14.4	18.0	22.2	27.3	28.7	29.8	32.6	33.7	34.1	34.9	35.4	35.7	35.7	36.1	36.6	36.9
GE 16000	14.4	18.0	22.3	27.7	29.0	30.1	32.9	34.0	34.4	35.2	35.8	36.0	36.0	36.4	36.9	39.2
GE 14000	14.7	18.2	22.6	27.9	29.2	30.3	33.2	34.3	34.9	35.7	36.2	36.4	36.4	36.9	37.3	39.7
GE 12000	14.7	18.2	22.9	28.3	29.7	30.8	33.7	34.8	35.3	36.1	36.7	36.9	36.9	37.3	37.8	40.1
GE 10000	15.0	18.7	23.3	29.1	30.6	31.7	34.6	35.9	36.4	37.2	37.8	38.0	38.0	38.4	38.9	41.2
GE 9000	15.1	18.8	23.5	29.3	30.8	31.9	35.3	36.4	37.0	37.8	38.3	38.6	38.6	39.0	39.4	41.8
GE 8000	15.9	19.8	24.7	30.6	32.6	34.1	37.7	38.9	39.7	40.4	41.0	41.2	41.2	41.7	42.1	44.4
GE 7000	16.3	20.3	25.2	31.3	33.7	35.2	38.8	40.1	40.9	41.7	42.2	42.4	42.4	42.9	43.3	45.8
GE 6000	17.9	22.1	27.3	34.1	37.1	38.7	42.3	43.7	44.4	45.2	45.8	46.0	46.0	46.4	46.9	49.3
GE 5000	19.1	23.9	29.7	37.6	40.8	42.6	46.4	48.0	48.8	49.6	50.1	50.3	50.3	50.9	51.3	53.8
GE 4500	19.2	24.0	30.0	38.4	42.0	44.2	48.1	49.7	50.4	51.2	51.8	52.0	52.0	52.6	53.0	55.6
GE 4000	21.1	26.4	32.8	42.6	46.8	49.0	53.1	55.2	56.1	57.1	57.7	58.0	58.0	58.6	59.0	61.4
GE 3500	21.6	27.2	33.6	43.8	48.1	50.3	54.4	56.3	57.9	58.9	59.4	59.8	59.8	60.3	60.8	63.2
GE 3000	22.4	28.1	35.0	46.9	51.4	53.8	57.9	60.4	61.5	62.8	63.3	63.7	63.7	64.2	64.8	67.2
GE 2500	24.3	31.2	38.9	51.6	56.2	59.0	63.6	66.2	67.3	68.7	69.2	69.6	69.6	70.1	70.8	73.2
GE 2000	26.7	33.8	42.2	55.6	60.2	63.0	67.8	70.6	71.8	73.2	73.8	74.1	74.1	74.7	75.3	77.8
GE 1800	26.3	34.0	42.9	56.4	61.1	63.9	68.9	71.7	72.9	74.3	74.9	75.2	75.2	75.8	76.4	79.0
GE 1500	27.7	35.2	44.4	58.7	63.3	66.1	71.6	74.3	76.1	77.6	78.1	78.4	78.4	79.0	79.7	82.2
GE 1200	28.0	35.7	45.4	59.9	64.6	67.3	73.1	76.5	77.9	79.3	79.9	80.2	80.3	80.9	81.6	84.1
GE 1000	28.1	35.8	45.7	60.4	65.8	68.7	74.6	78.3	79.7	81.1	81.7	82.0	82.1	82.7	83.3	85.9
GE 900	28.2	35.9	45.8	60.8	66.2	69.2	75.1	79.0	80.3	81.8	82.3	82.7	82.8	83.3	84.1	86.7
GE 800	28.2	36.0	46.3	61.6	67.0	70.0	75.9	79.8	81.1	82.6	83.1	83.4	83.6	84.1	84.9	87.4
GE 700	28.3	36.1	46.8	62.3	67.8	70.8	76.7	80.6	81.9	83.3	83.9	84.3	84.4	85.0	85.8	88.3
GE 600	28.3	36.2	47.1	63.1	69.1	72.2	78.7	82.6	83.9	85.3	85.9	86.3	86.4	87.0	87.8	90.3
GE 500	28.3	36.2	47.4	63.7	70.0	73.2	79.8	83.7	85.0	86.4	87.0	87.4	87.6	88.2	89.0	91.8
GE 400	28.3	36.2	47.4	63.7	70.1	73.3	79.9	84.0	85.3	86.8	87.4	87.9	88.0	88.7	89.4	92.2
GE 300	28.3	36.2	47.4	63.7	70.1	73.3	80.4	84.7	86.1	87.9	88.8	89.2	89.3	90.0	90.9	93.7
GE 200	28.3	36.2	47.4	63.7	70.1	73.6	81.1	85.4	86.9	88.7	89.6	90.0	90.1	91.2	92.2	96.0
GE 100	28.3	36.2	47.4	63.7	70.1	73.7	81.2	85.6	87.0	88.8	89.7	90.2	90.3	91.6	92.6	97.6
GE 000	28.3	36.2	47.4	63.7	70.1	73.7	81.2	85.6	87.0	88.8	89.7	90.2	90.3	91.7	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	11.0	13.2	17.0	20.2	21.8	22.7	25.7	26.7	27.1	27.4	28.5	28.6	28.8	29.1	29.6	31.8
GE 20000	11.1	13.3	17.4	20.6	22.1	23.0	26.0	27.0	27.5	27.7	28.8	28.9	29.1	29.5	30.0	32.3
GE 18000	11.1	13.3	17.4	20.6	22.1	23.0	26.0	27.0	27.5	27.7	28.8	28.9	29.1	29.5	30.0	32.3
GE 16000	11.1	13.3	17.4	20.8	22.4	23.2	26.3	27.4	27.8	28.0	29.1	29.3	29.5	29.8	30.4	32.6
GE 14000	11.1	13.3	17.6	21.1	22.7	23.6	26.6	27.7	28.1	28.5	29.6	29.7	29.9	30.3	30.8	33.0
GE 12000	11.2	13.5	17.7	21.2	22.8	23.8	26.8	27.9	28.4	28.8	29.9	30.0	30.4	30.7	31.3	33.5
GE 10000	11.7	14.2	18.6	22.6	24.2	25.3	28.4	29.5	29.9	30.4	31.5	31.6	32.0	32.4	32.9	35.2
GE 9000	11.9	14.5	19.0	23.4	25.0	26.0	29.4	30.5	30.9	31.4	32.5	32.6	33.0	33.4	33.9	36.2
GE 8000	12.8	15.5	20.1	24.6	26.4	27.5	30.9	32.3	32.8	33.4	34.5	34.6	35.2	35.9	36.3	38.7
GE 7000	13.2	16.0	20.8	25.4	27.5	28.7	32.6	33.9	34.6	35.3	36.4	36.5	37.0	37.4	38.2	40.7
GE 6000	14.2	17.5	23.0	27.8	30.4	31.6	35.5	36.9	37.7	38.5	39.7	39.8	40.4	40.7	41.5	44.2
GE 5000	15.6	19.0	24.9	30.8	33.9	35.6	39.1	41.3	42.0	42.9	44.5	44.6	45.2	45.5	46.3	48.9
GE 4500	15.9	19.4	25.3	31.6	35.0	37.2	41.4	42.8	43.6	44.6	46.2	46.3	46.8	47.1	48.1	50.8
GE 4000	17.8	21.5	28.0	35.2	39.0	41.4	46.1	47.7	48.6	49.7	51.3	51.4	51.9	52.5	53.3	56.1
GE 3500	18.1	22.0	29.0	36.4	40.5	42.8	47.9	49.6	50.5	51.8	53.4	53.5	54.2	54.8	55.7	58.5
GE 3000	19.5	23.7	30.9	39.4	44.0	46.4	51.8	53.9	55.1	56.4	58.3	58.4	59.2	59.8	60.7	63.5
GE 2500	22.0	26.4	34.5	43.4	48.3	50.9	56.5	58.8	60.1	61.5	63.4	63.5	64.3	65.2	66.3	69.1
GE 2000	22.9	28.0	37.2	46.5	51.8	55.1	61.0	63.5	64.7	66.3	68.2	68.3	69.1	70.1	71.2	74.0
GE 1800	23.0	28.1	37.7	47.5	52.8	56.1	62.1	65.0	66.3	67.9	69.9	70.0	70.7	71.9	73.0	75.8
GE 1500	23.7	28.9	38.8	48.9	54.7	58.1	64.1	67.1	68.4	70.1	72.2	72.4	73.2	74.3	75.4	78.2
GE 1200	24.4	29.8	40.2	50.6	56.6	60.1	66.2	69.3	70.6	72.3	74.5	74.7	75.5	76.6	77.8	80.5
GE 1000	25.3	30.9	42.2	53.2	59.7	63.4	69.5	72.9	74.2	75.9	78.2	78.4	79.2	80.3	81.4	84.2
GE 900	25.4	31.3	42.9	54.1	60.6	64.4	70.6	74.0	75.3	77.0	79.3	79.5	80.3	81.4	82.6	85.4
GE 800	25.4	31.5	43.4	54.6	61.2	65.0	71.3	74.6	76.1	77.9	80.3	80.5	81.4	82.5	83.9	86.9
GE 700	25.5	31.8	43.8	55.2	61.8	65.6	72.0	75.3	76.8	78.5	81.0	81.2	82.1	83.2	84.5	87.5
GE 600	25.5	31.9	44.3	56.0	63.2	67.0	73.7	77.1	78.5	80.3	82.9	83.1	84.0	85.1	86.4	89.4
GE 500	25.5	31.9	44.3	56.0	63.5	67.6	74.5	78.0	79.4	81.3	83.9	84.1	85.0	86.1	87.5	90.5
GE 400	25.5	31.9	44.3	56.0	63.8	68.0	75.3	79.0	80.5	82.6	85.4	85.7	86.8	87.9	89.3	92.3
GE 300	25.5	31.9	44.3	56.0	63.8	68.0	75.6	79.4	81.1	83.4	86.3	86.5	87.8	88.9	90.4	93.7
GE 200	25.5	31.9	44.3	56.0	64.0	68.1	75.8	79.9	81.6	84.0	87.0	87.3	88.5	89.8	91.5	95.1
GE 100	25.5	31.9	44.3	56.0	64.1	68.2	76.0	80.0	81.8	84.1	87.2	87.5	88.8	90.0	92.2	97.0
GE 000	25.5	31.9	44.3	56.0	64.1	68.2	76.0	80.0	81.8	84.1	87.2	87.5	88.8	90.0	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	12.3	14.4	17.0	20.1	21.2	22.0	25.0	25.4	26.0	27.1	27.8	28.0	28.1	28.1	28.2	29.3
GE 20000	12.8	14.9	17.6	21.1	22.2	23.0	26.1	26.6	27.1	28.2	28.9	29.1	29.2	29.2	29.3	30.4
GE 18000	13.2	15.3	18.0	21.6	22.7	23.4	26.5	27.0	27.6	28.7	29.3	29.6	29.7	29.7	29.8	30.8
GE 16000	13.2	15.3	18.1	21.7	22.8	23.6	26.8	27.2	27.8	28.9	29.6	29.8	29.9	29.9	30.0	31.1
GE 14000	13.7	15.8	18.7	22.2	23.3	24.3	27.7	28.2	28.9	30.0	30.8	31.0	31.1	31.1	31.2	32.3
GE 12000	13.9	16.4	19.4	23.1	24.3	25.3	28.8	29.3	30.0	31.1	31.9	32.2	32.3	32.4	32.6	33.7
GE 10000	14.1	17.2	20.2	24.0	25.3	26.3	30.4	31.1	31.8	33.0	33.8	34.1	34.2	34.3	34.4	35.6
GE 9000	14.2	17.3	20.3	24.1	25.4	26.4	30.6	31.2	31.9	33.2	34.1	34.4	34.7	34.8	34.8	36.0
GE 8000	15.1	18.6	22.7	26.9	28.4	29.7	33.9	34.6	35.3	36.7	37.7	38.0	38.6	38.7	38.9	40.1
GE 7000	16.0	19.9	24.1	28.3	29.9	31.1	35.4	36.1	36.9	38.2	39.2	39.6	40.1	40.2	40.4	41.7
GE 6000	17.3	21.4	26.1	30.4	32.1	33.3	37.8	38.8	39.7	41.0	42.2	42.6	43.1	43.3	43.6	44.8
GE 5000	18.7	23.2	28.2	32.9	34.7	36.3	41.3	42.3	43.3	44.7	46.2	46.7	47.2	47.4	47.7	48.9
GE 4500	18.9	23.4	28.9	34.3	36.2	37.9	43.2	44.2	45.2	46.7	48.2	48.7	49.2	49.4	49.7	50.9
GE 4000	20.7	25.7	31.4	37.3	39.6	41.4	46.9	48.1	49.1	50.6	52.2	52.7	53.4	53.7	53.9	55.2
GE 3500	22.2	27.3	33.2	39.6	42.0	44.2	50.0	51.6	52.6	54.1	55.8	56.2	57.0	57.4	57.7	59.0
GE 3000	23.6	28.8	35.0	42.1	44.9	47.4	53.4	55.1	56.1	57.8	59.4	60.2	61.3	61.8	62.0	63.3
GE 2500	26.4	31.9	38.4	45.9	49.3	52.6	58.7	60.3	61.3	63.1	64.8	65.7	66.9	67.3	67.6	69.0
GE 2000	27.9	34.0	41.4	49.2	52.7	55.9	63.6	65.2	66.2	68.3	70.2	71.1	72.3	72.8	73.0	74.4
GE 1800	28.2	34.4	42.1	49.9	53.3	56.7	64.3	66.4	67.4	69.6	71.6	72.4	73.7	74.1	74.3	75.8
GE 1500	29.3	35.6	43.7	51.8	55.6	59.0	66.9	69.3	70.3	72.4	74.7	75.6	76.8	77.2	77.4	78.9
GE 1200	30.0	37.1	45.7	54.6	58.9	62.3	70.3	72.9	73.9	76.1	78.3	79.3	80.7	81.1	81.3	82.8
GE 1000	30.3	38.0	46.8	55.9	60.4	64.0	72.2	75.1	76.1	78.3	80.8	81.8	83.1	83.6	83.8	85.2
GE 900	30.4	38.2	47.0	56.2	60.8	64.3	72.3	75.8	76.8	79.0	81.4	82.4	83.8	84.2	84.4	85.9
GE 800	30.6	38.4	47.3	56.7	61.3	65.0	73.7	76.7	77.9	80.2	82.7	83.7	85.0	85.4	85.7	87.1
GE 700	30.7	38.6	47.4	56.8	61.6	65.4	74.2	77.2	78.4	80.8	83.3	84.4	85.8	86.2	86.6	87.9
GE 600	30.8	38.7	47.7	57.1	62.2	66.2	75.4	78.7	79.9	82.2	84.8	85.9	87.2	87.7	87.9	89.3
GE 500	30.8	38.7	47.7	57.2	62.9	67.1	76.6	80.0	81.3	83.8	86.3	87.4	88.9	89.3	89.6	91.0
GE 400	30.8	38.7	47.7	57.3	63.1	67.6	77.1	80.6	82.0	84.9	87.7	88.8	90.3	90.8	91.2	92.7
GE 300	30.8	38.7	47.8	57.6	63.4	67.9	77.7	81.1	82.6	85.7	88.8	90.2	91.9	92.6	93.2	95.3
GE 200	30.8	38.7	47.8	57.6	63.4	67.9	77.7	81.1	82.6	85.9	89.4	90.9	92.8	93.8	94.8	97.1
GE 100	30.8	38.7	47.8	57.6	63.4	67.9	77.7	81.1	82.6	85.9	89.8	91.2	93.1	94.1	95.3	98.7
GE 000	30.8	38.7	47.8	57.6	63.4	67.9	77.7	81.1	82.6	85.9	89.8	91.2	93.1	94.1	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 12-16

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.3	18.6	21.6	23.9	25.6	26.8	28.6	28.8	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.4
GE 20000	18.6	19.8	23.2	25.7	27.3	28.8	30.6	30.9	31.1	31.2	31.3	31.4	31.4	31.4	31.4	31.7
GE 18000	18.8	20.0	23.7	26.1	27.8	29.2	31.0	31.3	31.6	31.7	31.8	31.9	31.9	31.9	31.9	32.2
GE 16000	18.8	20.0	23.7	26.3	28.0	29.4	31.2	31.6	31.8	31.9	32.0	32.1	32.1	32.1	32.1	32.5
GE 14000	19.2	20.7	24.6	27.3	29.1	30.6	32.4	32.9	33.1	33.2	33.3	33.4	33.4	33.4	33.4	33.7
GE 12000	20.3	21.9	26.0	28.8	30.6	32.1	34.0	34.6	34.9	35.0	35.1	35.2	35.2	35.2	35.2	35.5
GE 10000	21.3	22.9	27.3	30.2	32.0	33.6	35.8	36.3	36.7	36.9	37.0	37.1	37.1	37.1	37.1	37.3
GE 9000	21.3	22.9	27.6	30.4	32.2	33.8	36.3	36.9	37.2	37.4	37.6	37.7	37.7	37.7	37.7	38.0
GE 8000	22.1	23.9	29.0	32.3	34.2	35.8	38.3	38.9	39.2	39.4	39.6	39.7	39.9	39.9	40.0	40.2
GE 7000	23.4	25.6	30.9	34.3	36.6	38.1	40.8	41.4	41.8	42.1	42.2	42.3	42.6	42.6	42.7	43.0
GE 6000	24.6	26.7	32.6	36.3	38.7	40.6	43.3	44.0	44.3	44.7	44.9	45.0	45.2	45.2	45.3	45.6
GE 5000	25.6	28.2	34.7	38.8	41.6	43.9	46.7	47.4	47.9	48.3	48.6	48.7	48.9	48.9	49.0	49.2
GE 4500	25.8	28.4	35.2	39.9	42.8	45.1	48.0	48.8	49.2	49.7	49.9	50.0	50.2	50.2	50.3	50.6
GE 4000	26.8	30.2	37.8	42.6	46.2	48.9	51.9	52.7	53.1	53.8	54.2	54.4	54.7	54.8	54.9	55.2
GE 3500	28.4	32.0	40.2	45.4	49.1	51.9	55.3	56.3	56.9	57.7	58.2	58.4	58.7	58.8	58.9	59.2
GE 3000	29.0	33.1	41.7	47.7	51.7	54.4	58.3	59.4	60.0	60.8	61.3	62.0	62.3	62.4	62.6	62.9
GE 2500	32.9	37.4	46.7	53.2	58.2	61.4	65.3	66.6	67.2	68.1	68.7	69.3	69.7	69.8	69.9	70.2
GE 2000	35.4	40.7	50.4	57.2	62.7	66.1	70.2	71.8	72.4	73.4	74.1	74.8	75.1	75.2	75.3	75.7
GE 1800	36.8	42.3	52.3	59.2	64.7	68.2	72.3	73.9	74.6	75.6	76.2	76.9	77.2	77.3	77.4	77.8
GE 1500	37.3	43.2	54.1	61.3	66.9	71.4	75.8	77.3	78.0	79.0	79.7	80.3	80.7	80.8	80.9	81.2
GE 1200	38.8	45.6	57.2	64.9	70.7	75.4	79.9	81.4	82.1	83.1	83.8	84.4	84.8	84.9	85.0	85.3
GE 1000	39.2	46.1	58.0	65.7	71.7	76.6	81.2	83.0	83.7	84.7	85.3	86.0	86.3	86.4	86.6	86.9
GE 900	39.2	46.1	58.1	66.0	72.6	77.6	82.2	84.0	84.7	85.7	86.3	87.0	87.3	87.4	87.6	87.9
GE 800	39.6	46.6	58.6	66.7	73.2	78.2	83.1	85.0	85.8	86.8	87.4	88.2	88.6	88.7	88.8	89.1
GE 700	39.6	46.7	58.7	66.9	73.7	78.7	83.8	85.7	86.4	87.4	88.2	89.0	89.3	89.4	89.6	89.9
GE 600	39.6	46.7	58.7	67.1	73.9	79.1	84.6	86.7	87.6	88.6	89.4	90.2	90.6	90.7	90.8	91.1
GE 500	39.6	46.7	58.8	67.2	74.0	79.2	84.7	87.0	88.0	89.2	90.3	91.1	91.7	91.8	91.9	92.2
GE 400	39.6	46.7	58.9	67.6	74.6	80.1	85.9	88.6	90.2	91.7	93.6	94.4	95.1	95.7	95.9	96.2
GE 300	39.6	46.7	58.9	67.6	74.8	80.3	86.1	89.0	90.9	92.6	95.1	96.2	97.0	97.7	97.9	98.3
GE 200	39.7	46.8	59.0	67.7	74.9	80.4	86.3	89.2	91.1	92.9	95.4	96.6	97.3	98.1	98.3	98.9
GE 100	39.7	46.8	59.0	67.7	74.9	80.4	86.3	89.2	91.1	93.0	95.6	96.7	97.4	98.3	98.7	99.6
GE 000	39.7	46.8	59.0	67.7	74.9	80.4	86.3	89.2	91.1	93.0	95.6	96.7	97.4	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 4873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.4	16.8	20.2	24.2	26.1	27.3	29.6	30.6	31.0	31.1	31.3	31.4	31.4	31.4	31.4	31.4
GE 20000	14.3	17.7	21.2	25.8	27.8	29.0	31.4	32.4	32.9	33.0	33.2	33.3	33.3	33.3	33.3	33.3
GE 18000	14.3	17.7	21.4	26.1	28.1	29.3	31.8	32.8	33.2	33.3	33.6	33.7	33.7	33.7	33.7	33.7
GE 16000	14.3	17.7	21.4	26.1	28.1	29.6	32.0	33.0	33.4	33.6	33.8	33.9	33.9	33.9	33.9	33.9
GE 14000	14.4	17.8	21.6	26.3	28.4	29.9	32.3	33.4	33.9	34.0	34.2	34.3	34.3	34.3	34.3	34.3
GE 12000	14.9	18.4	22.2	27.1	29.4	31.2	33.8	34.9	35.3	35.4	35.7	35.8	35.8	35.8	35.8	35.8
GE 10000	15.8	19.7	23.7	28.9	31.8	33.7	36.4	37.6	38.1	38.2	38.6	38.7	38.7	38.7	38.7	38.7
GE 9000	15.9	19.8	24.0	29.3	32.3	34.2	37.2	38.3	38.9	39.0	39.3	39.4	39.4	39.4	39.4	39.4
GE 8000	16.1	20.0	24.3	30.4	33.6	35.4	38.4	39.6	40.2	40.3	40.7	40.8	40.8	40.8	40.8	40.8
GE 7000	17.0	21.2	26.3	32.6	35.8	37.7	40.8	41.9	42.6	42.8	43.1	43.2	43.2	43.2	43.2	43.2
GE 6000	17.7	22.4	27.9	34.3	37.6	39.8	42.9	44.2	45.0	45.2	45.3	45.9	45.9	45.9	45.9	45.9
GE 5000	19.0	24.1	30.0	37.2	40.8	43.1	46.6	47.9	48.8	49.0	49.6	49.7	49.7	49.7	49.7	49.7
GE 4500	19.6	25.1	31.1	38.7	42.3	44.8	48.3	49.7	50.6	50.8	51.3	51.4	51.4	51.4	51.4	51.4
GE 4000	21.1	26.9	34.1	42.1	45.8	48.3	52.7	54.1	55.0	55.4	56.2	56.4	56.4	56.4	56.4	56.6
GE 3500	22.0	28.1	35.3	44.2	47.9	50.9	55.3	57.0	57.9	58.3	59.1	59.3	59.4	59.4	59.4	59.6
GE 3000	22.7	29.2	37.0	46.7	50.4	53.9	58.3	60.8	61.7	62.2	63.0	63.2	63.4	63.4	63.4	63.6
GE 2500	26.6	33.8	42.7	52.7	56.9	60.3	66.3	68.3	69.2	69.8	70.8	71.0	71.2	71.2	71.2	71.3
GE 2000	27.9	35.9	45.6	56.4	61.1	64.3	71.1	73.2	74.3	75.0	76.0	76.2	76.4	76.4	76.4	76.6
GE 1800	27.9	36.3	46.3	57.6	62.6	66.2	72.6	74.7	75.8	76.4	77.4	77.7	77.9	77.9	77.9	78.0
GE 1500	27.9	36.7	47.1	58.6	64.0	67.9	74.3	76.4	77.6	78.3	79.3	79.6	79.8	79.8	79.8	79.9
GE 1200	28.3	37.4	48.6	60.9	66.9	71.0	78.1	80.2	81.4	82.2	83.2	83.4	83.7	83.7	83.7	83.8
GE 1000	28.3	37.6	49.0	61.6	68.2	72.6	80.2	82.4	83.7	84.7	85.7	85.9	86.1	86.1	86.1	86.2
GE 900	28.3	37.7	49.2	61.8	68.6	73.2	80.9	83.2	84.4	85.6	86.6	86.8	87.0	87.0	87.0	87.1
GE 800	28.7	38.1	49.8	62.5	69.3	74.1	82.3	84.9	86.1	87.2	88.2	88.4	88.7	88.7	88.7	88.8
GE 700	28.7	38.1	49.9	62.8	69.8	74.7	83.1	85.8	87.0	88.1	89.1	89.3	89.6	89.6	89.6	89.7
GE 600	28.7	38.1	49.9	62.8	70.1	75.0	83.6	86.7	87.9	89.2	90.2	90.4	90.7	90.7	90.7	90.8
GE 500	28.7	38.1	50.1	63.3	70.7	75.8	84.7	88.1	89.3	90.8	92.0	92.2	92.4	92.6	92.6	92.7
GE 400	28.7	38.1	50.3	63.7	71.1	76.3	85.3	89.4	90.7	92.3	94.2	94.4	95.1	95.4	95.8	95.9
GE 300	28.7	38.1	50.3	63.7	71.1	76.8	86.0	89.7	91.2	93.2	95.1	95.4	96.3	96.8	97.4	97.6
GE 200	28.7	38.1	50.3	63.7	71.1	76.8	86.0	89.8	91.3	93.3	95.3	95.7	96.9	97.6	98.4	98.7
GE 100	28.7	38.1	50.3	63.7	71.1	76.8	86.0	89.8	91.3	93.3	95.3	96.0	97.2	97.9	98.8	99.1
GE 000	28.7	38.1	50.3	63.7	71.1	76.8	86.0	89.8	91.3	93.3	95.3	96.0	97.2	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.0	20.0	25.0	28.6	29.8	31.4	33.0	34.2	34.7	34.8	35.7	35.9	36.0	36.1	36.2	36.4
GE 20000	16.1	20.1	25.1	29.2	30.4	32.1	33.7	34.9	35.3	35.4	36.3	36.7	36.8	36.9	37.0	37.2
GE 18000	16.1	20.1	25.1	29.3	30.6	32.2	33.8	35.0	35.4	35.6	36.4	36.8	36.9	37.0	37.1	37.3
GE 16000	16.1	20.1	25.1	29.3	30.6	32.2	33.8	35.0	35.4	35.6	36.4	36.8	36.9	37.0	37.1	37.3
GE 14000	16.2	20.2	25.2	29.6	31.1	32.8	34.3	35.6	36.0	36.1	37.0	37.3	37.4	37.6	37.7	37.9
GE 12000	16.3	20.4	25.8	30.6	32.2	33.9	35.4	36.7	37.1	37.2	38.1	38.4	38.6	38.7	38.8	39.0
GE 10000	17.1	21.2	26.6	31.7	33.4	35.3	37.1	38.4	38.9	39.0	39.9	40.2	40.3	40.4	40.6	40.8
GE 9000	17.2	21.3	26.7	31.9	33.7	35.7	37.4	38.8	39.2	39.3	40.2	40.6	40.7	40.8	40.9	41.1
GE 8000	18.0	22.2	27.7	33.7	35.8	37.8	39.8	41.2	41.7	41.8	42.7	43.0	43.1	43.3	43.4	43.8
GE 7000	18.4	22.7	28.2	34.7	36.9	38.9	40.9	42.3	42.8	42.9	43.8	44.1	44.2	44.4	44.6	44.8
GE 6000	19.2	24.0	29.9	36.7	39.1	41.6	43.6	45.1	45.6	45.8	46.7	47.0	47.1	47.3	47.4	47.8
GE 5000	19.4	24.2	30.4	38.8	41.7	44.1	46.1	47.7	48.1	48.3	49.2	49.6	49.7	49.9	50.0	50.3
GE 4500	19.8	24.8	31.6	40.2	43.2	46.1	48.2	49.8	50.2	50.4	51.3	51.7	51.8	52.0	52.1	52.4
GE 4000	21.2	26.9	34.3	44.7	48.4	51.7	54.0	55.7	56.1	56.3	57.2	57.6	57.7	57.9	58.0	58.4
GE 3500	22.0	28.0	35.4	45.9	49.7	53.1	55.4	57.1	57.6	57.8	58.7	59.0	59.1	59.3	59.4	59.8
GE 3000	22.8	29.0	37.0	48.4	52.6	56.6	59.2	61.0	61.4	61.7	62.6	62.9	63.0	63.4	63.7	64.1
GE 2500	26.2	33.0	41.6	54.0	58.6	62.6	65.4	67.4	67.9	68.1	69.0	69.3	69.4	69.9	70.1	70.6
GE 2000	28.1	35.1	44.7	57.8	63.1	67.4	70.3	72.8	73.2	73.4	74.3	74.7	74.8	75.2	75.4	75.9
GE 1800	28.6	35.6	45.4	58.6	63.9	68.2	71.6	73.6	74.0	74.2	75.1	75.4	75.6	76.0	76.2	76.7
GE 1500	28.9	36.0	46.6	60.1	65.7	70.2	73.7	75.7	76.1	76.4	77.3	77.7	77.8	78.2	78.4	78.9
GE 1200	29.6	37.0	48.0	61.8	68.3	73.1	77.2	79.2	79.7	80.1	81.0	81.3	81.4	81.9	82.1	82.6
GE 1000	30.1	37.7	48.9	63.7	70.4	75.2	79.4	81.4	82.1	82.5	83.7	84.0	84.1	84.6	84.8	85.2
GE 900	30.1	37.8	49.2	64.0	70.9	75.7	80.2	82.2	82.9	83.6	84.4	84.8	84.9	85.3	85.6	86.0
GE 800	30.3	38.0	49.4	64.8	71.8	76.9	81.6	83.7	84.3	85.0	85.9	86.2	86.3	86.8	87.0	87.4
GE 700	30.3	38.0	49.4	65.0	72.1	77.3	82.0	84.1	84.8	85.4	86.3	86.7	86.8	87.2	87.4	88.0
GE 600	30.3	38.0	49.6	65.3	72.7	78.0	82.9	85.2	86.0	86.7	87.6	87.9	88.0	88.4	88.7	89.2
GE 500	30.3	38.2	49.8	66.0	73.6	79.0	84.1	86.7	87.6	88.2	89.1	89.4	89.6	90.0	90.2	90.8
GE 400	30.3	38.2	49.9	66.3	74.2	79.7	85.2	87.9	88.9	89.7	90.8	91.1	91.2	91.8	92.0	92.6
GE 300	30.3	38.2	49.9	66.7	74.6	80.2	86.2	88.9	89.9	90.9	92.1	92.4	92.8	93.6	93.8	94.7
GE 200	30.3	38.2	49.9	66.8	74.9	80.6	86.3	89.4	90.7	91.8	93.2	93.7	94.1	95.1	95.3	96.3
GE 100	30.3	38.2	49.9	66.8	74.9	80.6	86.4	89.4	90.7	92.1	93.6	94.1	94.6	95.8	96.0	98.3
GE 000	30.3	38.2	49.9	66.8	74.9	80.6	86.5	89.4	90.8	92.2	93.7	94.3	94.8	96.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.2	19.4	24.4	27.8	30.3	31.3	32.9	34.6	35.2	36.1	36.6	36.6	37.0	37.3	37.3	38.0
GE 20000	15.3	19.6	24.6	28.0	30.6	31.6	33.2	35.0	35.7	36.6	37.0	37.0	37.4	37.8	37.8	38.4
GE 18000	15.3	19.6	24.6	28.0	30.6	31.6	33.2	35.0	35.7	36.6	37.0	37.0	37.4	37.8	37.8	38.4
GE 16000	15.3	19.6	24.6	28.0	30.6	31.6	33.2	35.0	35.7	36.6	37.0	37.0	37.4	37.8	37.8	38.4
GE 14000	15.3	19.6	24.6	28.0	30.7	31.8	33.4	35.2	35.9	36.8	37.2	37.2	37.7	38.0	38.0	38.7
GE 12000	15.6	19.8	25.1	29.0	31.9	33.0	34.9	36.7	37.3	38.2	38.7	38.7	39.1	39.4	39.4	40.1
GE 10000	16.0	20.2	25.7	30.4	33.7	34.8	36.9	38.9	39.6	40.4	40.9	40.9	41.3	41.7	41.7	42.3
GE 9000	16.0	20.2	25.7	30.4	33.7	34.9	36.9	39.0	39.7	40.6	41.0	41.0	41.4	41.8	41.8	42.4
GE 8000	16.9	21.3	27.1	31.9	35.2	37.0	39.1	41.2	42.0	43.1	43.7	43.8	44.2	44.6	44.6	45.2
GE 7000	17.2	21.9	27.7	32.7	36.3	38.1	40.2	42.3	43.1	44.2	44.8	44.9	45.3	45.7	45.7	46.3
GE 6000	18.3	23.0	29.0	35.0	39.6	41.3	43.6	45.8	46.6	47.7	48.2	48.3	48.8	49.1	49.1	49.8
GE 5000	19.1	24.2	30.7	37.9	42.9	44.7	46.9	49.1	49.9	51.0	51.6	51.7	52.1	52.4	52.4	53.1
GE 4500	19.8	25.0	31.6	39.9	45.1	47.4	49.7	51.9	52.7	53.8	54.3	54.4	54.9	55.2	55.2	55.9
GE 4000	22.1	27.7	34.9	44.6	50.1	52.6	55.2	57.4	58.3	59.4	60.0	60.1	60.6	60.9	60.9	61.6
GE 3500	22.8	28.9	36.3	46.6	52.1	54.6	57.3	59.6	60.4	61.6	62.1	62.2	62.7	63.0	63.0	63.7
GE 3000	24.1	30.4	38.0	48.7	54.6	57.3	60.3	62.5	63.4	64.7	65.3	65.4	65.9	66.2	66.2	67.0
GE 2500	26.3	33.0	41.4	53.0	59.2	62.1	65.3	67.9	68.8	70.0	70.8	70.9	71.3	71.7	71.7	72.4
GE 2000	28.3	35.1	45.0	57.2	64.0	67.1	70.3	73.3	74.6	75.8	76.6	76.7	77.2	77.6	77.7	78.4
GE 1800	28.9	35.8	45.8	58.1	65.0	68.3	72.2	74.9	76.2	77.4	78.2	78.3	78.9	79.2	79.3	80.1
GE 1500	29.7	36.7	46.9	59.7	66.9	70.3	74.2	76.9	78.3	79.6	80.3	80.4	81.0	81.3	81.4	82.2
GE 1200	30.4	37.4	48.0	61.8	69.0	72.6	77.0	79.8	81.4	82.7	83.4	83.6	84.1	84.4	84.6	85.3
GE 1000	30.7	37.7	48.3	62.7	70.2	73.9	78.4	81.3	83.0	84.2	85.4	85.6	86.1	86.4	86.6	87.3
GE 900	30.7	37.7	48.3	62.7	70.3	74.2	78.8	81.9	83.6	84.8	86.0	86.1	86.7	87.0	87.2	88.0
GE 800	30.8	38.0	48.7	63.4	71.1	75.2	80.0	83.0	84.7	85.9	87.1	87.2	87.8	88.1	88.3	89.1
GE 700	31.0	38.2	48.9	64.0	71.9	76.2	81.2	84.2	85.9	87.1	88.3	88.4	89.0	89.3	89.6	90.3
GE 600	31.0	38.2	49.0	64.1	72.0	76.3	81.7	84.8	86.4	87.8	89.0	89.1	89.7	90.0	90.2	91.1
GE 500	31.0	38.2	49.0	64.3	72.7	77.1	82.3	86.0	88.0	89.4	90.7	90.8	91.3	91.7	91.9	92.8
GE 400	31.0	38.2	49.2	64.6	73.0	77.4	83.4	87.2	89.3	91.0	92.2	92.3	92.9	93.2	93.4	94.4
GE 300	31.0	38.2	49.2	64.7	73.2	77.7	84.0	87.9	90.1	91.8	93.0	93.1	93.8	94.3	94.7	95.8
GE 200	31.0	38.2	49.2	64.7	73.2	77.9	84.3	88.3	90.6	92.2	93.4	93.6	94.2	94.8	95.2	96.8
GE 100	31.0	38.2	49.2	64.7	73.2	77.9	84.4	88.6	90.8	92.4	93.7	93.9	94.6	95.1	95.6	97.9
GE 000	31.0	38.2	49.2	64.7	73.2	77.9	84.5	88.6	90.9	92.6	93.8	94.0	94.7	95.2	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.2	17.3	21.2	24.7	26.4	27.6	29.3	30.8	31.3	31.8	32.4	32.6	32.8	32.9	33.1	34.1
GE 20000	14.6	17.7	21.7	25.5	27.2	28.4	30.7	31.7	32.2	32.8	33.4	33.6	33.7	33.9	34.1	35.1
GE 18000	14.7	17.8	21.9	25.6	27.3	28.6	30.9	31.9	32.4	32.9	33.6	33.7	33.9	34.1	34.3	35.3
GE 16000	14.7	17.8	21.9	25.8	27.5	28.7	31.0	32.1	32.6	33.2	33.8	33.9	34.1	34.3	34.5	35.5
GE 14000	14.9	18.1	22.2	26.1	27.9	29.2	31.6	32.7	33.2	33.8	34.4	34.6	34.7	34.9	35.1	36.1
GE 12000	15.2	18.5	22.8	26.9	28.7	30.1	32.5	33.7	34.2	34.8	35.4	35.6	35.8	36.0	36.2	37.2
GE 10000	15.8	19.2	23.7	28.2	30.2	31.7	34.3	35.5	36.1	36.7	37.4	37.6	37.8	38.0	38.1	39.1
GE 9000	15.9	19.3	23.9	28.4	30.5	32.0	34.8	36.0	36.6	37.2	37.9	38.1	38.3	38.5	38.7	39.8
GE 8000	16.6	20.2	25.0	29.9	32.3	34.0	36.9	38.1	38.6	39.5	40.2	40.4	40.7	40.9	41.2	42.2
GE 7000	17.3	21.1	26.1	31.2	33.7	35.4	38.5	39.7	40.5	41.2	41.9	42.1	42.4	42.6	42.8	43.8
GE 6000	18.3	22.4	27.8	33.3	36.3	38.2	41.2	42.6	43.4	44.1	44.9	45.1	45.4	45.6	45.9	47.0
GE 5000	19.4	23.9	29.7	36.2	39.5	41.6	44.9	46.4	47.2	48.0	48.9	49.1	49.4	49.6	49.8	50.9
GE 4500	19.7	24.3	30.4	37.5	41.0	43.4	46.8	48.3	49.0	49.9	50.7	50.9	51.2	51.5	51.7	52.8
GE 4000	21.5	26.6	33.4	41.5	45.5	48.1	51.8	53.4	54.3	55.2	56.2	56.4	56.8	57.0	57.3	58.4
GE 3500	22.3	27.6	34.7	43.1	47.2	49.9	53.8	55.6	56.5	57.5	58.5	58.7	59.1	59.4	59.6	60.8
GE 3000	23.3	28.9	36.4	45.8	50.2	53.1	57.3	59.2	60.2	61.2	62.3	62.6	63.0	63.4	63.7	64.9
GE 2500	26.3	32.3	40.7	50.7	55.5	58.8	63.3	65.4	66.3	67.5	68.5	68.9	69.3	69.7	70.1	71.3
GE 2000	27.9	34.4	43.7	54.4	59.6	63.1	68.0	70.2	71.4	72.6	73.7	74.1	74.5	74.9	75.3	76.5
GE 1800	28.3	35.0	44.6	55.4	60.7	64.2	69.3	71.6	72.8	74.0	75.1	75.5	76.0	76.4	76.7	78.0
GE 1500	29.0	35.9	45.9	57.2	62.7	66.5	71.7	74.2	75.3	76.6	77.8	78.2	78.7	79.1	79.4	80.7
GE 1200	29.6	36.9	47.5	59.2	65.1	69.0	74.6	77.2	78.4	79.8	81.0	81.4	81.9	82.3	82.7	83.9
GE 1000	30.0	37.4	48.3	60.4	66.7	70.7	76.5	79.2	80.5	81.9	83.2	83.6	84.2	84.6	84.9	86.2
GE 900	30.0	37.5	48.5	60.7	67.1	71.3	77.1	80.0	81.2	82.7	84.0	84.4	84.9	85.3	85.7	86.9
GE 800	30.2	37.8	48.9	61.4	67.8	72.1	78.1	81.0	82.3	83.8	85.1	85.5	86.1	86.5	86.9	88.2
GE 700	30.2	37.9	49.1	61.9	68.4	72.7	78.9	81.8	83.1	84.6	85.9	86.4	86.9	87.3	87.7	89.0
GE 600	30.2	37.9	49.3	62.2	69.1	73.5	79.9	83.0	84.4	85.9	87.3	87.7	88.2	88.7	89.1	90.4
GE 500	30.2	38.0	49.4	62.6	69.7	74.3	81.0	84.2	85.6	87.2	88.7	89.1	89.7	90.2	90.6	91.9
GE 400	30.2	38.0	49.5	62.8	70.1	74.8	81.3	85.2	86.8	88.6	90.3	90.8	91.5	92.0	92.5	93.9
GE 300	30.2	38.0	49.5	62.9	70.3	75.0	82.2	86.7	87.5	89.5	91.4	91.9	92.7	93.4	94.1	95.6
GE 200	30.3	38.0	49.6	62.9	70.3	75.2	82.5	86.1	87.9	89.9	92.0	92.6	93.5	94.3	95.1	97.0
GE 100	30.3	38.0	49.6	62.9	70.4	75.2	82.6	86.2	87.9	90.1	92.2	92.8	93.7	94.7	95.6	98.3
GE 000	30.3	38.0	49.6	62.9	70.4	75.2	82.6	86.2	87.9	90.1	92.2	92.9	93.8	94.7	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.2	21.6	24.9	29.0	31.3	33.1	36.5	38.6	39.2	40.1	40.5	40.6	41.3	41.4	41.7	43.0
GE 20000	19.5	21.8	25.2	29.2	31.6	33.4	36.9	38.9	39.6	40.4	40.9	41.0	41.7	41.8	42.2	43.4
GE 18000	19.5	21.8	25.2	29.2	31.6	33.4	36.9	38.9	39.6	40.4	40.9	41.0	41.7	41.8	42.2	43.4
GE 16000	19.5	21.8	25.3	29.4	31.7	33.5	36.9	39.0	39.7	40.5	41.0	41.1	41.8	41.9	42.3	43.5
GE 14000	19.6	22.0	25.5	29.7	32.0	33.9	37.2	39.4	40.0	40.9	41.3	41.5	42.3	42.4	42.7	44.1
GE 12000	20.6	23.1	26.7	30.9	33.2	35.1	39.5	40.6	41.3	42.2	42.7	42.9	43.7	43.8	44.1	45.5
GE 10000	21.4	23.9	27.5	32.2	34.5	36.5	39.9	42.0	42.7	43.5	44.1	44.3	45.1	45.2	45.5	47.1
GE 9000	21.6	23.9	27.5	32.3	34.6	36.7	40.1	42.3	42.9	43.8	44.3	44.5	45.3	45.4	45.7	47.3
GE 8000	22.0	24.5	28.6	33.7	36.1	38.2	41.6	43.9	44.6	45.5	46.1	46.5	47.2	47.3	47.6	49.2
GE 7000	22.0	24.5	28.6	33.7	36.1	38.2	41.6	43.9	44.6	45.5	46.1	46.5	47.2	47.3	47.6	49.2
GE 6000	22.9	25.6	29.9	35.3	37.7	39.8	43.3	45.6	46.3	47.2	47.8	48.2	48.9	49.0	49.4	51.0
GE 5000	24.1	26.9	31.6	37.7	40.4	42.6	46.2	48.6	49.4	50.2	50.9	51.2	51.9	52.0	52.4	54.0
GE 4500	25.4	28.3	33.1	39.8	42.5	44.6	48.4	50.9	51.6	52.5	53.1	53.4	54.2	54.3	54.6	56.2
GE 4000	26.5	29.5	34.3	41.5	44.3	46.9	50.9	53.3	54.1	55.1	55.8	56.2	57.0	57.1	57.4	59.1
GE 3500	27.7	31.1	36.3	44.1	47.4	50.1	54.1	56.7	57.4	58.4	59.2	59.8	60.5	60.6	61.1	62.9
GE 3000	28.9	32.4	38.1	46.6	49.9	52.6	57.0	59.7	60.4	61.4	62.3	62.9	63.7	63.8	64.2	66.1
GE 2500	30.4	34.2	41.1	50.0	54.5	57.3	61.9	65.1	65.8	66.8	67.6	68.3	69.0	69.1	69.6	71.7
GE 2000	31.5	35.9	43.8	52.8	57.3	60.1	65.1	68.3	69.1	70.1	71.1	71.7	72.5	72.7	73.1	75.3
GE 1800	31.6	36.0	44.1	53.1	57.6	60.4	65.5	68.8	69.7	70.6	71.6	72.3	73.0	73.2	73.7	75.8
GE 1500	32.2	37.0	45.5	54.5	59.4	62.2	67.4	70.6	71.5	72.5	73.4	74.1	74.8	75.1	75.5	77.6
GE 1200	32.9	38.6	48.0	57.9	62.8	65.9	71.1	74.4	75.3	76.3	77.3	78.0	78.7	78.9	79.4	81.5
GE 1000	33.1	39.1	48.6	58.8	64.6	67.6	73.2	76.6	77.4	78.5	79.5	80.1	80.9	81.1	81.5	83.7
GE 900	33.5	39.6	49.4	59.8	65.6	68.8	74.5	77.8	78.7	79.8	80.8	81.4	82.2	82.4	82.8	84.9
GE 800	33.9	40.0	50.2	60.8	66.6	69.8	75.7	79.1	80.0	81.1	82.0	82.7	83.4	83.7	84.1	86.2
GE 700	34.0	40.3	50.9	61.5	67.3	70.6	76.7	80.2	81.1	82.2	83.1	83.8	84.5	84.7	85.2	87.3
GE 600	34.3	40.6	51.7	62.7	68.7	72.2	78.3	81.8	82.7	83.8	84.7	85.4	86.1	86.5	86.9	89.0
GE 500	34.3	40.6	51.8	63.1	69.5	72.9	79.0	82.6	83.4	84.5	85.5	86.1	86.9	87.2	87.6	89.8
GE 400	34.3	40.6	51.8	63.2	69.6	73.1	79.2	83.1	84.2	85.4	86.5	87.1	87.8	88.2	88.6	90.9
GE 300	34.3	40.6	51.8	63.2	69.7	73.3	79.9	83.5	84.6	85.9	87.2	88.0	88.7	89.1	89.7	92.0
GE 200	34.3	40.6	51.8	63.2	70.0	73.7	80.2	83.9	84.9	86.3	87.7	88.5	89.2	89.7	90.2	93.2
GE 100	34.3	40.6	51.8	63.2	70.0	73.7	80.4	84.1	85.2	86.6	88.1	88.9	89.9	90.4	91.3	96.7
GE 000	34.3	40.6	51.8	63.2	70.0	73.7	80.4	84.1	85.2	86.8	88.4	89.4	90.3	90.9	92.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	21.1	24.4	30.1	32.6	34.1	35.5	36.7	36.8	37.1	37.6	38.1	38.4	38.5	38.7	39.8
GE 20000	18.8	21.5	24.8	30.5	33.2	34.7	36.2	37.5	37.6	38.0	38.5	38.9	39.2	39.4	39.6	40.6
GE 18000	18.8	21.5	24.8	30.5	33.2	34.7	36.2	37.5	37.6	38.0	38.5	38.9	39.2	39.4	39.6	40.6
GE 16000	19.0	21.7	25.1	30.8	33.4	34.9	36.5	37.7	37.8	38.2	38.7	39.1	39.5	39.6	39.8	40.9
GE 14000	19.5	22.2	25.5	31.3	34.0	35.5	37.0	38.3	38.4	38.7	39.2	39.7	40.0	40.1	40.3	41.4
GE 12000	19.9	22.6	25.9	31.8	34.5	36.0	37.6	38.9	39.0	39.5	40.0	40.5	40.9	41.0	41.2	42.3
GE 10000	20.5	23.2	26.6	32.8	35.5	37.0	38.9	40.2	40.3	40.8	41.3	41.8	42.2	42.3	42.5	43.5
GE 9000	20.5	23.2	26.6	33.0	35.8	37.3	39.1	40.5	40.6	41.1	41.6	42.2	42.5	42.6	42.8	43.8
GE 8000	21.3	24.6	28.1	34.5	37.5	39.0	41.1	42.5	42.6	43.1	43.7	44.2	44.5	44.7	44.9	46.1
GE 7000	21.3	24.6	28.3	34.8	37.8	39.4	41.4	42.8	42.9	43.4	44.0	44.5	44.8	45.1	45.3	46.5
GE 6000	21.6	25.1	28.7	35.7	38.7	40.2	42.4	43.8	43.9	44.4	44.9	45.5	45.8	46.0	46.2	47.4
GE 5000	22.3	26.9	31.1	38.6	41.8	43.4	45.7	47.1	47.2	47.7	48.3	48.8	49.1	49.4	49.6	50.8
GE 4500	23.3	27.6	32.2	39.7	42.9	44.5	46.8	48.2	48.3	48.8	49.4	49.9	50.2	50.6	50.6	51.8
GE 4000	24.2	28.8	33.9	42.0	45.4	47.3	49.8	51.3	51.6	52.2	52.8	53.3	53.7	53.9	54.1	55.3
GE 3500	25.8	30.6	36.1	44.6	48.0	49.9	52.6	54.1	54.4	54.9	55.6	56.1	56.5	56.7	56.9	58.1
GE 3000	27.5	33.0	38.6	47.6	51.1	53.2	56.6	58.4	58.7	59.2	59.9	60.4	60.8	61.0	61.3	62.5
GE 2500	28.9	34.9	40.9	50.4	54.2	56.5	60.2	62.0	62.5	63.5	64.3	64.8	65.2	65.4	65.7	66.9
GE 2000	29.7	36.1	42.7	52.8	56.8	59.2	64.0	65.8	66.2	67.5	68.3	68.9	69.2	69.5	69.8	71.0
GE 1800	30.3	37.1	43.8	54.2	58.2	60.6	65.4	67.2	67.6	68.9	69.7	70.3	70.6	70.9	71.2	72.4
GE 1500	30.5	37.5	45.1	56.1	60.3	63.1	68.0	69.8	70.2	71.5	72.3	72.9	73.2	73.4	73.8	74.9
GE 1200	32.0	39.5	47.5	59.5	64.7	68.3	73.2	75.1	75.5	76.8	77.5	78.2	78.5	78.7	79.0	80.2
GE 1000	32.8	40.2	48.9	61.3	66.7	70.3	75.5	77.5	78.0	79.6	80.3	81.0	81.3	81.6	81.9	83.1
GE 900	33.2	40.8	49.6	62.2	67.5	71.2	76.5	78.7	79.1	80.8	81.5	82.2	82.5	82.8	83.1	84.3
GE 800	33.5	41.1	50.5	63.2	68.9	72.9	78.2	80.5	81.0	82.6	83.3	84.0	84.3	84.6	84.9	86.1
GE 700	33.5	41.2	50.6	63.4	69.6	73.5	78.8	81.2	81.6	83.2	84.0	84.6	84.9	85.3	85.6	86.8
GE 600	33.7	41.3	50.9	63.8	69.9	74.0	79.4	81.7	82.2	83.8	84.5	85.2	85.5	85.8	86.1	87.3
GE 500	34.0	41.6	51.2	64.1	70.2	74.4	79.8	82.2	82.6	84.5	85.4	86.0	86.3	86.7	87.0	88.2
GE 400	34.0	41.6	51.2	64.2	70.3	74.5	79.9	82.3	82.8	84.7	85.6	86.2	86.6	86.9	87.2	88.4
GE 300	34.0	41.6	51.2	64.2	70.3	75.1	80.5	83.0	83.7	85.9	87.0	87.6	88.0	88.3	88.8	90.0
GE 200	34.0	41.6	51.2	64.2	70.6	75.4	81.0	83.3	84.0	86.7	88.0	88.7	89.1	89.5	90.4	92.2
GE 100	34.0	41.6	51.2	64.2	70.8	75.7	81.3	83.7	84.3	87.0	88.7	89.5	89.9	90.3	91.5	96.2
GE 000	34.0	41.6	51.2	64.2	70.8	75.7	81.3	83.7	84.3	87.0	88.8	89.6	90.1	90.5	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.5	19.5	23.5	29.0	31.0	31.6	33.1	33.9	34.0	34.2	34.8	34.9	35.2	35.4	35.5	36.6
GE 20000	16.9	20.0	24.2	29.7	31.7	32.4	33.9	34.6	34.7	34.9	35.7	35.8	36.0	36.2	36.3	37.4
GE 18000	16.9	20.0	24.2	29.7	31.7	32.4	33.9	34.6	34.7	34.9	35.8	35.9	36.1	36.3	36.5	37.5
GE 16000	16.9	20.0	24.2	29.7	31.7	32.4	33.9	34.6	34.7	34.9	35.8	35.9	36.1	36.3	36.5	37.5
GE 14000	17.1	20.2	24.5	30.0	32.2	32.8	34.3	35.1	35.2	35.4	36.2	36.3	36.6	36.8	36.9	38.0
GE 12000	17.7	21.0	25.3	31.0	33.1	33.8	35.4	36.1	36.2	36.5	37.3	37.4	37.6	37.8	38.0	39.1
GE 10000	18.2	21.4	25.9	31.6	33.9	34.6	36.3	37.1	37.2	37.4	38.3	38.4	38.6	38.8	38.9	40.1
GE 9000	18.6	21.6	26.1	31.8	34.3	35.1	36.8	37.6	37.6	37.8	38.7	38.8	39.0	39.2	39.4	40.5
GE 8000	19.6	22.9	27.6	33.6	35.9	36.7	38.5	39.2	39.4	39.6	40.4	40.5	40.9	41.3	41.4	42.7
GE 7000	19.8	23.2	28.1	34.0	36.3	37.1	38.9	39.8	39.9	40.2	41.2	41.3	41.6	42.0	42.2	43.4
GE 6000	20.2	24.0	29.1	35.2	37.7	38.7	40.6	41.6	41.6	41.9	42.9	43.1	43.4	43.9	44.0	45.3
GE 5000	21.1	24.9	30.4	36.8	39.5	40.5	42.7	43.6	43.7	44.0	44.9	45.2	45.5	45.9	46.0	47.3
GE 4500	21.3	25.9	31.6	38.1	40.8	41.8	44.1	44.9	45.1	45.4	46.3	46.6	46.9	47.3	47.4	48.7
GE 4000	23.1	27.6	33.4	40.0	42.9	44.1	46.3	47.7	47.8	48.2	49.1	49.4	49.7	50.1	50.2	51.7
GE 3500	24.4	29.2	35.6	42.3	45.4	46.7	49.0	50.4	50.5	51.0	51.9	52.2	52.5	52.9	53.0	54.5
GE 3000	27.3	32.4	38.7	45.6	49.4	50.9	53.3	55.2	55.3	55.8	56.9	57.1	57.4	57.8	58.1	59.7
GE 2500	29.9	35.5	42.5	49.6	53.3	54.9	57.6	59.4	59.4	61.0	61.6	62.9	63.2	63.5	64.0	64.2	65.8
GE 2000	30.5	36.6	44.5	52.0	55.8	57.8	61.1	63.3	64.4	65.1	66.6	66.9	67.2	67.7	68.0	69.6
GE 1800	30.9	37.0	45.1	52.8	56.8	58.9	62.3	64.1	65.1	65.8	66.6	68.2	68.5	68.8	69.4	69.7	71.3
GE 1500	31.6	38.1	47.0	54.9	58.5	61.7	65.2	67.0	68.0	68.7	69.7	71.3	71.6	71.9	72.5	72.8	74.4
GE 1200	32.3	39.0	48.9	57.4	62.9	65.3	69.1	72.0	72.8	73.8	75.4	75.7	76.0	76.6	76.9	78.5
GE 1000	33.3	40.1	50.3	59.6	65.6	68.1	72.4	75.3	76.0	77.1	78.7	79.0	79.4	79.9	80.2	81.8
GE 900	33.7	40.4	51.0	60.5	66.7	69.1	73.5	76.6	77.3	78.4	80.1	80.4	80.8	81.3	81.6	83.2
GE 800	34.2	41.1	51.7	61.8	68.2	70.6	75.2	78.3	79.0	80.1	81.8	82.2	82.5	83.1	83.4	85.2
GE 700	34.3	41.2	52.0	62.3	68.7	71.2	75.9	79.1	79.9	81.0	82.7	83.0	83.3	84.0	84.3	86.0
GE 600	34.4	41.4	52.6	63.0	69.7	72.2	77.3	80.5	81.3	82.4	84.1	84.4	84.7	85.4	85.7	87.4
GE 500	34.7	41.7	52.9	63.7	70.9	73.4	78.7	82.0	82.7	83.9	85.6	85.9	86.3	87.0	87.3	89.0
GE 400	34.8	41.8	53.1	64.1	71.3	74.1	79.4	83.0	83.3	84.6	86.3	87.1	87.5	88.2	88.5	90.2
GE 300	34.8	41.8	53.1	64.1	71.3	74.2	79.7	83.3	84.2	85.4	87.4	87.7	88.2	88.8	89.1	90.9
GE 200	34.8	41.8	53.1	64.2	71.4	74.3	79.9	83.5	84.5	85.5	88.0	88.5	89.0	89.9	90.4	92.2
GE 100	34.8	41.8	53.1	64.2	71.4	74.3	80.1	83.8	84.7	86.1	88.2	89.0	89.7	90.5	91.4	95.6
GE 000	34.8	41.8	53.1	64.2	71.4	74.3	80.1	83.8	84.7	86.1	88.2	89.1	89.9	90.8	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 910

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

ALL WEATHER OBSERVATIONS

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	14.1			27.6		37.6		43.3	31.0	31.4	33.0	33.1	33.1	33.1	33.2	34.5
											34.8	34.9	34.9	34.9	35.1	36.3
											35.0	35.1	35.2	35.2	35.3	36.6
											35.3	35.4	35.4	35.4	35.5	36.8
											35.9	36.0	36.1	36.1	36.2	37.5
											36.6	36.6	36.7	36.7	36.8	38.1
											37.5	39.0	39.1	39.2	39.2	39.4	40.6
											39.6	39.9	40.0	40.1	40.1	40.2	41.5
											41.4	42.9	43.1	43.2	43.2	43.3	44.7
											42.6	44.1	44.3	44.4	44.4	44.5	45.9
											44.4	45.9	46.1	46.3	46.3	46.5	47.8
											47.2	48.7	48.9	49.1	49.1	49.2	50.6
											48.6	50.1	50.3	50.5	50.5	50.6	52.0
											52.0	53.8	54.0	54.2	54.2	54.3	55.9
											55.7	57.5	57.7	58.0	58.0	58.1	59.7
											59.3	62.2	62.4	62.7	62.7	62.8	64.5
											63.1	65.7	65.9	66.3	66.3	66.5	68.2
											67.0	69.7	70.1	70.5	70.5	70.6	72.4
											68.2	70.9	71.3	71.7	71.7	71.9	73.7
											70.9	73.7	74.1	74.5	74.5	74.7	76.5
											73.7	76.5	76.9	77.3	77.3	77.5	79.2
											76.1	79.0	79.5	79.9	79.9	80.1	81.8
											78.2	79.6	80.3	80.8	80.8	81.0	82.7
											81.4	81.9	82.4	82.4	82.7	84.4	
											82.3	83.3	83.8	83.8	84.1	85.8	
											84.8	85.3	85.7	85.7	86.0	87.7	
											86.5	87.1	87.7	87.7	88.1	89.8	
											88.2	88.9	89.6	89.6	89.9	91.6	
											89.2	90.1	90.9	90.9	91.2	93.3	
											90.2	91.1	92.2	92.2	92.9	95.2	
											90.4	91.5	92.4	92.6	93.7	97.8	
											90.4	91.5	92.4	92.6	93.7	100.0	

TOTAL NUMBER OF OBSERVATIONS

REPORTING LOCATION [illegible]
SAVANNAH, GEORGIA

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TIME DIFF: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: DEC HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	2	3	5	4	3	2 1/2	2	1 1/2	1 1/4	1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	14.1	17.	27.	29.3	29.4	30.	31.1	32.4	32.5	32.9	33.4	33.8	34.1	34.2	34.2	34.7
[illegible]	14.7	18.	28.2	27.3	30.6	31.7	34.0	34.3	34.2	34.7	35.3	35.6	35.9	36.1	36.1	36.7
[illegible]	14.3	18.	28.3	28.4	31.3	32.3	33.7	34.3	34.5	35.1	35.6	35.9	36.2	36.5	36.5	37.0
[illegible]	14.1	18.	28.2	28.3	31.1	32.1	33.	34.3	34.5	35.2	35.7	36.0	36.3	36.6	36.6	37.1
[illegible]	14.3	18.3	28.7	28.1	32.2	33.7	35.3	35.7	35.9	36.9	37.4	37.7	38.1	38.3	38.3	38.8
[illegible]	14.4	18.4	28.7	28.	32.	34.3	37.2	37.4	37.6	38.7	39.2	39.6	39.9	40.1	40.1	40.6
[illegible]	15.1	21.1	32.2	32.6	36.7	37.2	41.4	42.1	42.3	41.4	41.9	42.3	42.6	42.8	42.8	43.3
[illegible]	15.1	21.2	32.3	32.7	36.3	37.1	41.3	42.1	42.3	42.3	42.6	42.9	43.2	43.4	43.4	44.0
[illegible]	15.3	21.4	32.7	33.1	36.9	41.2	44.3	45.1	45.3	45.6	46.0	46.5	46.8	47.0	47.0	47.6
[illegible]	15.3	21.4	32.8	33.2	37.1	41.4	44.6	45.4	45.6	46.3	47.4	47.8	48.2	48.4	48.4	49.0
[illegible]	15.7	21.7	33.	33.4	37.4	42.4	44.7	45.7	47.4	47.6	48.9	49.6	50.0	50.3	50.5	50.5	51.4
[illegible]	15.	21.	32.	32.1	36.1	41.1	43.3	44.1	44.4	45.	52.3	52.9	53.4	53.8	54.0	54.0	54.9
[illegible]	15.1	21.1	32.1	32.2	36.3	41.3	43.5	44.3	44.6	45.1	53.4	54.1	54.6	54.9	55.2	55.2	56.1
[illegible]	15.2	21.	32.2	32.7	43.4	43.6	46.1	46.9	47.1	47.7	57.2	58.0	58.5	58.8	59.0	59.0	60.0
[illegible]	15.3	21.1	32.3	32.4	43.4	43.6	46.3	47.1	47.3	48.0	59.5	60.2	60.8	61.1	61.3	61.3	62.3
[illegible]	15.	21.1	32.1	32.3	43.1	43.4	46.2	47.1	47.3	48.1	62.6	63.4	64.0	64.3	64.5	64.5	65.5
[illegible]	15.	21.	32.1	43.4	44.3	47.3	51.3	53.2	53.4	55.3	66.1	66.7	67.0	67.2	67.2	68.2
[illegible]	15.1	21.1	32.3	43.3	44.2	47.3	51.4	53.2	53.4	55.2	69.9	70.4	70.8	71.0	71.0	71.9
[illegible]	15.1	21.1	32.	43.3	44.1	47.3	51.3	53.1	53.4	55.3	70.6	71.2	71.5	71.7	71.7	72.7
[illegible]	15.2	21.3	32.5	43.5	44.3	47.5	51.5	53.4	53.7	55.7	73.2	74.2	74.7	75.1	75.3	75.3	76.2
[illegible]	15.2	21.	32.1	43.3	44.1	47.3	51.3	53.1	53.4	55.4	76.5	77.6	78.2	78.5	78.7	78.7	79.7
[illegible]	15.	21.1	31.4	41.4	42.3	45.1	48.3	49.9	50.1	51.8	79.2	80.2	80.8	81.2	81.4	81.4	82.4
[illegible]	15.	21.1	31.5	41.5	42.1	45.3	48.1	49.8	50.1	51.8	81.1	81.6	82.0	82.3	82.3	82.3	83.2
[illegible]	15.	21.1	31.5	41.2	41.9	44.9	47.8	49.5	49.8	51.5	82.4	82.9	83.3	83.5	83.7	84.7
[illegible]	15.	21.1	31.5	41.3	41.9	44.9	47.8	49.5	49.8	51.5	84.2	84.7	85.2	85.4	85.5	86.6
[illegible]	15.	21.1	31.5	41.1	41.8	44.8	47.7	49.4	49.7	51.4	86.3	86.9	87.3	87.5	87.6	88.7
[illegible]	15.	21.1	31.5	41.1	41.8	44.8	47.7	49.4	49.7	51.4	87.8	88.9	89.5	90.0	90.2	90.3	91.4
[illegible]	15.	21.1	31.5	41.2	41.8	44.8	47.7	49.4	49.7	51.4	88.7	90.6	91.3	91.8	92.4	92.5	93.5
[illegible]	15.	21.1	31.5	41.1	41.8	44.8	47.7	49.4	49.7	51.4	89.9	92.7	93.5	94.4	95.1	95.2	96.2
[illegible]	15.	21.1	31.5	41.2	41.8	44.8	47.7	49.4	49.7	51.4	90.2	93.1	94.3	95.2	96.1	96.8	99.2
[illegible]	15.	21.1	31.5	41.1	41.8	44.8	47.7	49.4	49.7	51.4	90.2	93.1	94.3	95.2	96.1	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
[illegible] AIR VILLAGE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible] AIR SOLUTATION [illegible]
E.S.T. TO GMT: + 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible] OR MORE	9.1	11.[illegible]	15.[illegible]	21.4	24.1	25.[illegible]	27.3	30.3	30.5	31.4	32.5	32.9	33.2	33.3	33.3	33.9
[illegible],000	9.2	12.3	14.1	23.1	26.1	26.2	30.[illegible]	32.6	33.3	34.0	35.1	35.5	35.8	35.9	35.9	36.5
[illegible],000	9.2	12.3	14.2	23.2	26.5	26.5	30.2	32.9	33.3	34.3	35.4	35.8	36.1	36.2	36.2	36.8
[illegible],000	9.[illegible]	12.3	14.3	23.7	26.4	26.[illegible]	31.3	33.3	33.[illegible]	34.7	35.8	36.2	36.6	36.7	36.7	37.2
[illegible],000	10.[illegible]	12.[illegible]	14.[illegible]	24.2	27.1	27.2	31.[illegible]	33.9	34.[illegible]	35.4	36.7	37.1	37.4	37.5	37.5	38.1
[illegible],000	10.[illegible]	12.7	14.[illegible]	24.7	27.[illegible]	27.[illegible]	32.7	34.[illegible]	35.[illegible]	36.7	37.7	38.2	38.5	38.7	38.7	39.2
[illegible],000	10.[illegible]	13.[illegible]	[illegible]	25.3	28.7	31.[illegible]	34.[illegible]	37.5	38.2	39.4	40.4	40.9	41.2	41.4	41.4	41.9
[illegible],000	11.[illegible]	13.[illegible]	21.1	27.2	30.3	32.[illegible]	35.[illegible]	[illegible]	[illegible]	40.3	41.1	41.5	41.8	42.0	42.0	42.6
[illegible],000	11.3	14.1	22.3	28.3	33.1	33.4	37.[illegible]	41.0	41.[illegible]	42.8	44.0	44.4	44.7	44.9	44.9	45.5
7,000	12.2	15.3	23.7	30.2	33.9	34.2	38.[illegible]	41.9	42.6	43.8	44.9	45.4	45.7	45.9	45.9	46.5
[illegible],000	12.3	15.[illegible]	24.[illegible]	30.[illegible]	34.[illegible]	34.7	39.[illegible]	43.2	43.9	45.1	46.2	46.8	47.1	47.3	47.3	47.8
[illegible],000	13.[illegible]	17.1	25.3	32.[illegible]	36.[illegible]	36.[illegible]	41.[illegible]	45.[illegible]	46.[illegible]	47.6	48.9	49.7	50.1	50.3	50.3	51.0
[illegible],000	14.[illegible]	17.[illegible]	26.[illegible]	33.3	37.5	38.[illegible]	43.2	47.[illegible]	48.1	49.4	50.6	51.4	51.8	52.0	52.0	52.7
4,000	14.1	18.1	27.[illegible]	35.[illegible]	39.3	40.[illegible]	45.[illegible]	49.[illegible]	51.[illegible]	52.9	54.3	55.1	55.5	55.7	55.7	56.3
[illegible],000	17.[illegible]	21.4	30.[illegible]	38.1	42.9	43.[illegible]	48.[illegible]	52.[illegible]	53.7	54.[illegible]	56.[illegible]	57.0	57.7	58.2	58.4	59.0
3,000	18.7	24.1	33.7	41.[illegible]	47.[illegible]	47.[illegible]	52.[illegible]	56.[illegible]	57.[illegible]	58.[illegible]	60.[illegible]	61.4	62.2	62.6	62.8	62.8	63.4
[illegible],000	19.[illegible]	25.[illegible]	35.[illegible]	43.[illegible]	51.1	51.[illegible]	56.[illegible]	60.[illegible]	61.[illegible]	62.[illegible]	64.9	66.7	67.5	68.1	68.3	68.3	68.9
[illegible],000	21.7	27.4	37.3	45.1	54.[illegible]	54.[illegible]	59.[illegible]	63.[illegible]	64.[illegible]	65.[illegible]	67.4	71.1	71.9	72.5	72.7	72.7	73.3
2,000	21.[illegible]	27.[illegible]	40.2	48.[illegible]	56.1	56.[illegible]	61.[illegible]	65.[illegible]	66.[illegible]	67.[illegible]	69.9	70.2	71.9	72.8	73.3	73.5	73.5	74.2
[illegible],000	22.4	28.2	41.[illegible]	51.[illegible]	57.3	57.[illegible]	62.4	66.[illegible]	67.[illegible]	68.[illegible]	70.[illegible]	71.[illegible]	73.1	74.3	75.9	76.5	76.7	76.7	77.3
[illegible],000	[illegible]	28.[illegible]	41.7	[illegible]	57.[illegible]	57.[illegible]	63.[illegible]	67.[illegible]	68.[illegible]	69.[illegible]	71.[illegible]	74.[illegible]	75.[illegible]	77.7	78.8	79.4	79.7	79.7	80.3
[illegible],000	[illegible]	[illegible]	47.[illegible]	[illegible]	63.[illegible]	[illegible]	73.[illegible]	[illegible]	77.[illegible]	78.[illegible]	81.6	82.8	83.4	83.8	83.8	84.4
[illegible],000	[illegible]	33.2	42.3	[illegible]	61.5	[illegible]	73.[illegible]	[illegible]	78.[illegible]	80.3	82.4	83.5	84.2	84.5	84.5	85.2
[illegible],000	[illegible]	33.3	43.2	[illegible]	61.7	[illegible]	74.1	[illegible]	79.[illegible]	80.6	82.7	83.9	84.5	84.8	84.8	85.5
[illegible],000	[illegible]	33.3	43.1	59.2	62.6	[illegible]	74.[illegible]	79.1	[illegible]	82.2	84.2	85.4	86.0	86.3	86.3	87.0
[illegible],000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	[illegible]	86.7	87.3	87.6	87.7	88.5
[illegible],000	[illegible]	[illegible]	44.3	[illegible]	[illegible]	70.1	[illegible]	[illegible]	[illegible]	[illegible]	87.7	88.9	89.6	89.9	90.0	90.8
[illegible],000	[illegible]	33.[illegible]	43.3	[illegible]	64.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.0	91.3	92.0	92.4	92.5	93.2
[illegible],000	22.	[illegible]	43.3	56.1	[illegible]	70.4	[illegible]	[illegible]	[illegible]	88.7	91.4	92.7	93.5	94.0	94.3	95.4
[illegible],000	22.[illegible]	[illegible]	44.[illegible]	[illegible]	[illegible]	70.4	[illegible]	[illegible]	86.1	88.3	91.9	93.1	94.0	94.6	95.2	96.6
[illegible],000	22.	[illegible]	45.[illegible]	[illegible]	[illegible]	70.4	[illegible]	[illegible]	[illegible]	89.1	91.9	93.2	94.1	94.9	95.8	98.5
[illegible],000	[illegible]	[illegible]	43.3	[illegible]	64.2	[illegible]	[illegible]	[illegible]	[illegible]	89.1	91.9	93.2	94.1	95.1	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ISAFFTAC, ARM VILLE NC — FIVE HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: MAF SOUTHERN JR PERIOD OF RECORD: APR 54 - MAR 64
LST TO GMT: - 0 MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
UNL CEIL	12.4	14.7	20.3	25.4	25.6	29.3	33.4	35.8	36.5	36.1	36.6	37.0	37.3	37.5	37.8	38.4
20000	12.5	14.8	21.0	26.5	27.2	30.9	34.2	36.9	36.2	36.9	37.3	37.8	38.2	38.4	38.7	39.2
18000	12.4	14.8	21.1	26.7	27.4	30.9	34.3	36.1	36.3	37.0	37.4	38.0	38.3	38.5	38.8	39.4
16000	12.4	14.9	21.1	26.7	29.4	30.9	34.3	36.1	36.3	37.0	37.4	38.0	38.3	38.5	38.8	39.4
14000	13.1	15.5	21.4	27.0	29.9	31.2	35.4	37.2	37.4	38.1	38.5	39.0	39.4	39.6	39.9	40.4
12000	13.3	15.7	22.2	27.2	31.1	32.4	36.9	38.7	38.9	39.6	40.0	40.6	41.0	41.2	41.5	42.0
10000	13.5	15.9	22.3	29.0	32.2	33.6	37.9	39.8	40.0	40.6	41.2	41.6	42.3	42.6	42.8	43.1	43.7
9000	13.5	16.1	22.3	29.2	32.2	33.7	38.1	40.0	40.3	41.3	41.7	42.4	42.7	43.0	43.3	43.9
8000	14.4	17.0	24.2	31.1	34.2	35.9	40.1	42.2	42.5	43.2	44.2	44.6	45.3	45.6	45.9	46.2	46.8
7000	14.7	17.4	24.6	31.6	34.7	36.7	41.1	43.2	43.5	44.2	45.2	45.6	46.2	46.6	46.9	47.2	47.7
6000	14.9	17.6	24.	32.1	35.2	37.1	42.6	44.7	45.1	45.7	46.1	46.8	47.1	47.4	47.7	48.3
5000	16.2	19.1	26.7	34.5	37.7	39.7	44.1	46.3	47.0	48.5	49.0	49.8	50.1	50.4	50.8	51.3
4500	17.1	20.2	27.8	35.9	39.2	41.2	45.8	48.0	48.9	50.1	50.6	51.4	51.7	52.0	52.4	52.9
4000	18.9	22.2	31.7	40.4	44.1	46.3	51.	54.4	54.9	55.7	56.5	57.2	57.5	57.8	58.2	58.7
3500	19.7	24.0	32.9	42.3	46.9	49.3	54.8	56.2	56.8	57.5	58.3	59.0	59.4	59.7	60.0	60.6
3000	20.5	27.2	37.	47.1	52.3	54.9	60.3	63.4	64.0	64.7	65.5	66.2	66.6	66.9	67.2	67.8
2500	24.5	33.4	43.4	51.0	55.7	58.0	63.5	67.4	68.0	68.7	69.5	70.2	70.6	71.0	71.3	71.9
2000	26.6	36.5	47.6	54.6	61.7	64.2	69.7	72.7	73.2	74.0	74.8	75.6	76.0	76.3	76.7	77.3
1800	27.3	37.9	49.1	56.6	63.9	66.3	71.9	74.9	75.4	76.2	76.0	76.8	77.2	77.5	77.8	78.5
1500	27.8	38.4	49.8	57.2	64.4	66.4	72.2	75.3	75.7	77.5	78.4	79.1	79.6	79.9	80.2	80.9
1200	27.8	41.9	49.1	59.0	66.9	69.3	75.4	78.5	79.4	80.2	81.2	81.9	82.4	82.7	83.0	83.7
1000	27.7	38.1	49.3	58.4	65.4	68.2	74.3	77.3	78.1	81.4	82.4	83.1	83.5	83.9	84.2	84.8
900	27.8	38.2	47.3	58.3	66.1	67.3	73.2	76.1	76.9	81.7	82.7	83.4	83.9	84.2	84.5	85.2
800	27.9	38.3	47.3	58.4	67.1	70.1	75.2	78.4	79.2	84.0	84.7	85.2	85.5	85.8	86.2	86.5
700	28.1	38.4	47.5	61.5	68.1	71.0	76.3	79.5	80.3	84.5	85.5	86.2	86.7	87.0	87.3	88.0
600	28.1	38.4	47.7	61.7	68.3	72.6	77.8	81.3	82.1	86.6	86.6	87.5	88.3	88.7	89.0	89.4	90.0
500	28.2	38.7	47.9	62.1	69.2	73.1	78.3	82.0	82.8	87.5	88.6	89.4	89.8	90.1	90.4	91.1
400	28.2	38.8	48.0	62.3	69.5	73.2	78.4	82.2	83.0	87.7	88.7	89.8	90.5	91.0	91.3	91.6	92.3
300	28.2	38.9	48.0	62.3	69.9	73.7	78.7	82.7	83.5	88.2	89.3	91.2	91.9	92.4	92.7	93.0	93.7
200	28.2	38.9	48.2	62.4	70.0	73.9	79.2	83.3	84.2	89.1	90.1	92.0	92.8	93.3	93.7	94.2	95.1
100	28.2	38.9	48.3	62.4	70.3	74.3	79.8	83.8	84.7	89.6	90.6	92.3	93.1	93.7	94.2	95.2	97.6
000	28.2	38.9	48.3	62.4	70.3	74.3	79.8	83.8	84.7	89.6	90.6	92.5	93.3	93.9	94.4	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE CEIL	16.7	19.1	24.5	29.0	32.6	33.5	37.6	39.0	39.0	40.3	40.5	41.0	41.3	41.4	41.6	42.0
GE 20000	17.2	19.6	24.9	29.4	32.9	34.0	38.0	39.4	39.5	40.8	41.0	41.4	41.7	41.8	42.0	42.5
GE 18000	17.3	19.6	25.1	29.5	33.1	34.2	38.2	39.6	39.7	41.0	41.2	41.6	41.9	42.0	42.3	42.7
GE 16000	17.3	19.6	25.1	29.5	33.1	34.2	38.2	39.6	39.7	41.0	41.2	41.6	41.9	42.0	42.3	42.7
GE 14000	17.3	19.6	25.1	29.5	33.1	34.2	38.2	39.6	39.7	41.0	41.2	41.6	41.9	42.0	42.3	42.7
GE 12000	17.4	19.8	25.3	30.0	33.6	34.8	38.8	40.4	40.5	41.8	42.0	42.4	42.7	42.8	43.0	43.4
GE 10000	17.5	20.0	25.6	30.3	34.0	35.3	39.3	41.0	41.1	42.4	42.6	43.1	43.4	43.5	43.7	44.1
GE 9000	17.6	20.1	25.8	30.6	34.3	35.6	39.6	41.3	41.4	42.7	42.9	43.4	43.7	43.8	44.0	44.4
GE 8000	17.7	20.2	25.9	30.7	34.5	35.8	39.8	41.5	41.6	42.9	43.1	43.6	43.9	44.0	44.2	44.8
GE 7000	17.8	20.4	26.2	31.0	34.8	36.1	40.2	41.9	42.0	43.3	43.5	44.0	44.3	44.4	44.6	45.2
GE 6000	18.0	20.7	26.6	31.5	35.3	36.7	40.8	42.6	42.7	44.0	44.2	44.7	45.0	45.1	45.3	45.9
GE 5000	18.3	21.0	27.0	32.0	35.9	37.3	41.5	43.3	43.4	44.7	44.9	45.4	45.7	45.8	46.0	46.5
GE 4500	18.4	21.2	27.3	32.3	36.2	37.6	41.8	43.6	43.7	45.0	45.2	45.7	46.0	46.1	46.3	46.8
GE 4000	18.6	21.7	27.7	32.8	36.8	38.2	42.4	44.2	44.3	45.6	45.8	46.3	46.6	46.7	46.9	47.4
GE 3500	18.8	21.9	28.0	33.1	37.1	38.5	42.7	44.5	44.6	45.9	46.1	46.6	46.9	47.0	47.2	47.7
GE 3000	19.0	22.2	28.4	33.6	37.7	39.2	43.4	45.2	45.3	46.7	46.9	47.4	47.7	47.8	48.0	48.5
GE 2500	19.3	22.7	29.1	34.4	38.6	40.1	44.4	46.3	46.4	47.8	48.0	48.5	48.8	48.9	49.1	49.6
GE 2000	19.7	23.2	29.8	35.2	39.5	41.0	45.4	47.3	47.4	48.8	49.0	49.5	49.8	49.9	50.1	50.6
GE 1800	19.8	23.4	30.1	35.5	39.8	41.3	45.7	47.6	47.7	49.1	49.3	49.8	50.1	50.2	50.4	50.9
GE 1600	19.9	23.6	30.4	35.8	40.2	41.7	46.1	48.0	48.1	49.5	49.7	50.2	50.5	50.6	50.8	51.3
GE 1400	20.1	23.8	30.7	36.2	40.6	42.1	46.6	48.5	48.6	50.0	50.2	50.7	51.0	51.1	51.3	51.8
GE 1200	20.3	24.1	31.1	36.6	41.1	42.6	47.1	49.0	49.1	50.5	50.7	51.2	51.5	51.6	51.8	52.3
GE 1000	20.5	24.4	31.5	37.1	41.6	43.1	47.7	49.6	49.7	51.1	51.3	51.8	52.1	52.2	52.4	52.9
GE 900	20.6	24.6	31.8	37.4	42.0	43.5	48.1	50.0	50.1	51.5	51.7	52.2	52.5	52.6	52.8	53.3
GE 800	20.8	24.8	32.1	37.8	42.4	43.9	48.5	50.4	50.5	51.9	52.1	52.6	52.9	53.0	53.2	53.7
GE 700	20.9	25.0	32.4	38.1	42.7	44.2	48.8	50.7	50.8	52.2	52.4	52.9	53.2	53.3	53.5	54.0
GE 600	21.1	25.3	32.8	38.5	43.1	44.6	49.2	51.1	51.2	52.6	52.8	53.3	53.6	53.7	53.9	54.4
GE 500	21.4	25.6	33.1	38.9	43.5	45.0	49.6	51.5	51.6	53.0	53.2	53.7	54.0	54.1	54.3	54.8
GE 400	21.5	25.8	33.4	39.2	43.8	45.3	49.9	51.8	51.9	53.3	53.5	54.0	54.3	54.4	54.6	55.1
GE 300	21.7	26.0	33.7	39.5	44.1	45.6	50.2	52.1	52.2	53.6	53.8	54.3	54.6	54.7	54.9	55.4
GE 200	21.8	26.2	33.9	39.8	44.4	45.9	50.5	52.4	52.5	53.9	54.1	54.6	54.9	55.0	55.2	55.7
GE 100	21.9	26.3	34.1	40.0	44.6	46.1	50.7	52.6	52.7	54.1	54.3	54.8	55.1	55.2	55.4	55.9
GE 000	21.9	26.3	34.1	40.0	44.6	46.1	50.7	52.6	52.7	54.1	54.3	54.8	55.1	55.2	55.4	55.9

TOTAL NUMBER OF CASE RATINGS 393

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 3[illegible]73 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: -0 MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	15.1	17.0	22.4	27.0	29.6	30.9	33.1	34.6	34.8	35.5	36.1	36.4	36.7	36.9	37.0	37.9
GE 20000	15.9	17.8	23.3	27.9	30.6	31.9	34.1	35.6	35.8	36.7	37.3	37.6	37.9	38.1	38.2	39.1
GE 18000	15.7	17.7	23.2	28.0	30.7	32.0	34.2	35.7	36.1	36.8	37.5	37.8	38.1	38.2	38.4	39.2
GE 16000	15.7	17.7	23.4	28.1	30.8	32.1	34.4	35.8	36.2	36.9	37.6	37.9	38.2	38.4	38.5	39.4
GE 14000	15.9	17.9	23.8	28.6	31.4	32.7	35.0	36.5	36.9	37.7	38.4	38.7	39.1	39.2	39.4	40.2
GE 12000	16.3	18.5	24.5	29.6	32.4	33.7	36.1	37.7	38.1	38.9	39.6	39.9	40.3	40.4	40.6	41.5
GE 10000	16.[illegible]	19.1	25.5	30.7	33.7	35.1	37.4	39.4	39.7	40.7	41.4	41.8	42.1	42.3	42.4	43.3
GE 9000	17.0	21.3	25.6	31.1	34.1	35.5	38.1	39.8	40.3	41.2	41.9	42.3	42.6	42.8	43.0	43.9
GE 8000	17.1	21.7	27.5	35.2	36.2	37.9	40.7	42.4	42.8	43.8	44.5	44.9	45.3	45.5	45.6	46.6
GE 7000	18.3	22.3	27.8	33.7	36.9	38.5	41.4	43.1	43.6	44.5	45.3	45.7	46.0	46.3	46.4	47.4
GE 6000	18.3	22.6	28.6	34.7	38.0	39.7	42.7	44.5	44.9	45.8	46.5	47.1	47.4	47.6	47.8	48.8
GE 5000	20.3	24.0	30.2	36.7	40.2	42.1	44.3	47.2	47.7	48.7	49.5	50.0	50.4	50.6	50.8	51.8
GE 4500	20.7	24.3	31.2	38.0	41.5	43.4	45.7	48.6	49.2	50.3	51.1	51.6	52.0	52.2	52.4	53.4
GE 4000	22.1	26.7	33.5	40.6	44.3	46.3	48.8	52.3	52.8	53.9	54.8	55.3	55.7	55.9	56.1	57.1
GE 3500	23.4	28.3	35.4	42.9	46.9	49.0	52.0	54.9	55.4	56.6	57.5	58.1	58.4	58.6	58.8	60.0
GE 3000	25.7	31.0	38.7	46.5	50.8	53.0	56.3	59.3	59.9	61.1	62.1	62.6	63.0	63.2	63.5	64.6
GE 2500	27.3	33.0	41.3	49.7	54.1	56.5	59.7	63.4	64.0	65.3	66.5	67.0	67.5	67.7	67.9	69.1
GE 2000	28.7	34.5	43.9	52.5	57.2	59.8	63.4	67.2	67.9	69.3	70.5	71.1	71.5	71.8	72.0	73.2
GE 1800	29.3	35.2	44.5	53.3	58.1	60.7	64.5	68.3	69.0	70.3	71.6	72.2	72.6	72.8	73.1	74.3
GE 1500	29.5	35.9	45.5	55.2	60.3	63.1	66.9	70.9	71.6	73.1	74.4	75.0	75.4	75.7	75.9	77.1
GE 1200	30.1	36.9	47.3	57.5	63.1	66.2	71.3	74.3	75.0	76.6	77.9	78.5	79.0	79.2	79.5	80.7
GE 1000	30.5	37.4	48.3	59.0	64.9	68.1	73.5	76.7	77.4	79.1	80.5	81.1	81.6	81.9	82.1	83.3
GE 900	30.8	37.7	48.8	59.6	65.6	68.8	74.3	77.6	78.3	80.0	81.4	82.1	82.6	82.8	83.1	84.3
GE 800	30.9	38.0	49.3	60.4	66.5	70.0	75.7	79.1	79.9	81.8	82.7	83.4	83.8	84.1	84.4	85.6
GE 700	31.0	38.1	49.6	60.8	67.3	70.9	76.8	80.0	80.8	82.5	83.9	84.6	85.1	85.3	85.6	86.9
GE 600	31.1	38.3	49.9	61.4	68.1	71.9	78.2	81.5	82.3	84.1	85.5	86.1	86.6	86.9	87.2	88.4
GE 500	31.2	38.4	50.0	61.8	69.0	72.[illegible]	79.[illegible]	[illegible].4	83.7	85.6	87.0	87.7	88.2	88.5	88.8	90.1
GE 400	31.2	38.4	50.1	62.0	69.3	73.2	80.3	83.1	84.7	86.7	88.3	89.0	89.5	89.9	90.2	91.4
GE 300	31.2	38.4	50.1	62.1	69.4	73.5	[illegible].2	[illegible].4	85.5	87.6	89.5	90.3	90.9	91.2	91.6	93.0
GE 200	31.2	38.4	50.1	62.1	69.5	73.6	81.0	84.7	85.6	88.1	90.2	91.0	91.7	92.2	92.9	94.5
GE 100	31.2	38.4	50.1	62.1	69.5	73.7	81.1	84.9	85.8	88.2	90.5	91.4	92.1	92.7	93.8	97.4
GE 000	31.2	38.4	50.1	62.1	69.5	73.7	81.1	84.9	85.8	88.3	90.6	91.5	92.3	92.9	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34172 STATION NAME: RAF SOUTHROP UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.7	22.9	27.3	31.0	32.3	33.7	35.1	35.7	36.0	36.4	36.8	36.9	37.0	37.1	37.2	37.7
GE 20000	20.9	23.9	28.3	32.4	34.2	35.1	36.5	37.2	37.5	37.9	38.3	38.4	38.5	38.6	38.7	39.2
GE 18000	20.9	24.0	28.5	32.5	34.3	35.3	36.7	37.3	37.6	38.1	38.4	38.5	38.6	38.7	38.8	39.4
GE 16000	20.9	24.1	28.7	32.6	34.4	35.4	36.8	37.5	37.8	38.2	38.6	38.7	38.8	38.9	39.0	39.5
GE 14000	21.1	24.3	29.2	33.2	35.1	36.0	37.5	38.2	38.5	38.9	39.3	39.4	39.5	39.6	39.7	40.3
GE 12000	21.6	25.2	29.1	34.2	36.1	37.1	38.6	39.3	39.6	40.1	40.4	40.6	40.7	40.8	40.9	41.4
GE 11000	22.3	26.4	31.6	36.1	38.1	39.2	40.7	41.5	41.8	42.3	42.7	42.8	42.9	43.0	43.1	43.7
GE 10000	22.4	26.9	32.2	36.7	38.7	39.8	41.3	42.2	42.5	43.0	43.4	43.5	43.6	43.8	43.9	44.4
GE 9000	24.3	28.5	34.2	39.1	41.3	42.5	44.3	45.0	45.4	45.9	46.3	46.4	46.5	46.6	46.8	47.3
GE 8000	25.4	29.9	35.8	40.9	43.2	44.5	46.3	47.1	47.5	48.0	48.4	48.6	48.7	48.8	48.9	49.5
GE 7000	26.5	31.2	37.4	42.7	45.1	46.5	48.4	49.3	49.6	50.2	50.6	50.7	50.9	51.0	51.1	51.7
GE 6000	29.2	33.3	39.1	45.1	46.4	48.0	50.0	50.9	51.3	53.3	53.9	54.4	54.5	54.7	54.8	54.9	55.5
GE 5000	29.5	34.1	41.1	47.0	48.7	51.2	53.3	54.3	54.7	55.3	55.8	55.9	56.1	56.2	56.3	56.9
GE 4000	31.2	36.7	44.2	50.4	53.7	56.3	58.6	59.7	60.1	59.7	60.2	60.4	60.5	60.7	60.8	61.4
GE 3500	32.7	38.5	46.2	53.1	56.1	57.8	60.2	61.2	61.6	62.3	62.8	63.0	63.2	63.3	63.4	64.1
GE 3000	34.7	40.8	48.6	55.8	59.2	61.0	63.5	64.5	65.1	65.7	66.3	66.5	66.7	66.8	66.9	67.6
GE 2500	37.6	44.1	52.9	60.4	63.3	65.2	67.8	68.9	69.5	70.1	70.8	71.4	71.6	71.8	71.9	72.1	72.7
GE 2000	39.3	46.9	56.2	64.0	67.7	69.7	72.5	73.8	74.3	75.0	75.7	75.9	76.0	76.2	76.3	77.0
GE 1800	40.5	47.6	57.1	65.1	68.9	71.0	73.9	75.1	75.6	76.4	77.0	77.2	77.4	77.5	77.7	78.4
GE 1500	41.7	49.0	59.0	67.4	71.3	73.5	76.5	77.8	78.3	79.1	79.8	80.0	80.2	80.4	80.5	81.2
GE 1200	42.7	50.4	60.4	69.7	73.9	76.2	79.4	80.8	81.4	82.2	82.9	83.1	83.3	83.4	83.6	84.3
GE 1000	43.2	51.1	61.9	71.1	75.6	78.1	81.5	82.9	83.5	84.4	85.1	85.3	85.5	85.7	85.8	86.5
GE 900	43.4	51.4	62.3	71.7	76.3	78.8	82.3	83.8	84.3	85.2	85.9	86.2	86.4	86.6	86.7	87.4
GE 800	43.6	51.7	62.9	72.5	77.2	79.7	83.3	84.8	85.3	86.6	87.3	87.5	87.7	87.9	88.1	88.8
GE 700	43.7	51.9	63.2	73.0	77.9	80.7	84.5	86.1	86.7	87.7	88.4	88.7	88.9	89.1	89.2	89.9
GE 600	43.9	52.1	63.6	73.7	78.5	81.7	85.7	87.5	88.1	89.2	90.0	90.2	90.5	90.6	90.8	91.5
GE 500	44.0	52.2	63.9	74.2	79.2	82.5	87.1	89.0	89.6	90.6	91.6	91.9	92.1	92.3	92.5	93.2
GE 400	44.0	52.3	64.1	74.6	80.2	83.3	87.9	89.9	90.3	92.1	93.0	93.3	93.6	93.8	94.0	94.7
GE 300	44.0	52.3	64.2	74.8	80.5	83.6	88.4	90.5	91.5	93.0	94.2	94.5	94.8	95.1	95.3	96.1
GE 200	44.0	52.3	64.2	74.8	80.5	83.8	88.7	90.8	91.9	93.5	94.8	95.2	95.7	96.0	96.4	97.3
GE 100	44.0	52.3	64.2	74.8	80.5	83.8	88.7	91.0	92.0	93.6	95.0	95.5	96.0	96.4	97.0	98.7
GE 000	44.0	52.3	64.2	74.8	80.5	83.8	88.7	91.0	92.0	93.6	95.0	95.5	96.0	96.5	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 87 06

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	15.9	14.2	13.3	48.5	4.1	65.9		930
03-05	15.9	13.3	12.2	48.7	4.9	65.8		930
06-08	3.7	21.5	17.4	49.7	7.7	63.6		930
09-11	4.4	18.5	23.7	48.5	4.9	77.1		930
12-14	3.9	18.1	24.4	49.2	3.9	73.1		930
15-17	3.8	18.6	24.3	49.4	4.0	77.6		930
18-20	3.7	20.9	17.8	47.6	4.1	69.5		930
21-23	13.4	21.4	14.1	48.9	4.3	65.2		930
ALL HOURS	9.2	17.9	18.0	48.9	4.9	71.0		7440

MONTH: FEB HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	15.4	17.6	10.4	52.9	3.4	68.7		849
03-05	13.5	19.0	11.4	51.9	4.2	67.5		849
06-08	5.2	19.0	21.6	49.4	4.2	75.1		849
09-11	4.0	15.3	25.5	49.2	4.4	80.1		849
12-14	4.0	15.1	27.3	47.0	2.7	80.2		849
15-17	5.3	15.2	25.9	51.2	2.4	79.5		849
18-20	7.4	19.7	18.3	50.9	1.5	70.2		849
21-23	16.7	18.1	14.5	48.4	2.0	65.0		849
ALL HOURS	9.5	17.4	19.4	50.4	3.1	73.1		6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34373 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	SKY 1/2	PARTIAL OBSCURATION	TOTAL OBS
		AIRWAY CLASSES						
00-02	13.4	20.1	13.9	44.7	1.9	60.5		930
03-05	19.4	14.3	15.1	44.3	3.0	62.4		930
06-08	4.6	13.4	25.1	47.2	1.3	76.0		930
09-11	4.6	16.0	29.2	43.1	1.0	73.4		930
12-14	4.3	14.6	35.2	45.4	.5	81.1		930
15-17	5.7	14.5	33.1	46.1	.3	79.3		930
18-20	5.	20.3	25.2	47.6	.9	73.7		930
21-23	14.3	22.3	16.3	45.4	1.3	63.4		930
ALL HOURS	7.9	18.0	24.0	46.0	1.0	72.0		7440

MONTH: APR HOURS: ALL

00-02	17.1	21.2	17.6	41.9	1.7	61.1		900
03-05	7.8	26.6	19.9	43.[illegible]	2.0	65.7		900
06-08	3.2	19.6	29.9	45.2	2.0	77.1		927
09-11	1.3	14.5	38.1	44.6	.9	83.6		939
12-14	2.0	14.7	41.1	42.3	.2	83.3		939
15-17	3.1	19.3	38.3	33.6	.4	77.3		928
18-20	3.3	21.5	29.5	44.8	.9	75.2		902
21-23	12.2	25.0	19.9	42.[illegible]	1.3	62.2		900
ALL HOURS	6.3	20.4	29.3	43.0	1.1	73.4		7335

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34473 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: +0 MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
			AIRWAY CLASSES					
00-02	13.9	30.2	17.7	31.5	1.9	50.8		930
03-05	6.7	30.3	26.3	34.7	1.9	63.0		930
06-08	4.8	24.3	30.4	33.5	1.4	71.3		930
09-11	2.3	18.4	39.8	39.1	.2	79.1		930
12-14	1.3	17.9	43.0	36.1		81.1		930
15-17	1.3	19.4	42.5	36.5		78.0		930
18-20	3.1	27.8	36.3	32.8	.1	69.2		930
21-23	7.7	37.4	29.5	33.3	.5	54.4		930
ALL HOURS	5.0	25.0	32.1	35.3	.9	68.0		7440

MONTH: JUN HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	11.4	33.4	17.6	35.3	2.2	56.1		900
03-05	4.9	28.2	28.3	35.4	3.1	66.9		900
06-08	5.3	21.1	27.3	42.2	2.4	72.0		900
09-11	3.6	19.2	39.3	37.9	.7	75.2		900
12-14	3.7	19.9	40.6	36.0	.2	76.8		900
15-17	3.3	21.1	42.2	33.2	.1	75.5		900
18-20	4.1	23.3	35.9	31.3	1.0	67.9		900
21-23	4.9	36.9	23.3	34.1	1.4	58.9		900
ALL HOURS	5.5	25.9	31.3	35.3	1.4	68.5		7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCOLTHEAD N PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	T/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	12.3	26.7	20.4	38.1	3.2	60.5		930
03-05	6.8	24.9	29.0	39.2	3.0	70.2		930
06-08	6.2	16.8	33.3	44.6	2.2	77.1		930
09-11	2.7	16.6	36.5	43.2	1.2	80.9		930
12-14	1.4	15.1	40.6	42.7	.2	82.8		930
15-17	2.3	18.6	36.3	42.3	.5	79.1		930
18-20	2.7	21.0	36.0	38.7	1.6	76.3		930
21-23	6.3	26.6	25.0	33.6	2.5	67.1		930
ALL HOURS	4.6	21.0	31.0	43.3	1.3	74.9		7440

MONTH: AUG HOURS: ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	T/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	14.3	26.7	19.1	34.2	2.7	56.0		930
03-05	7.4	27.6	29.5	36.3	3.1	65.1		930
06-08	3.6	20.8	32.0	42.3	1.9	76.2		930
09-11	2.5	16.1	37.2	43.9	.2	81.3		930
12-14	1.3	12.5	47.2	38.6	.4	75.2		930
15-17	1.3	15.3	43.0	39.8	.5	82.4		930
18-20	2.4	22.6	39.2	34.8	.6	73.2		930
21-23	13.4	23.2	23.8	38.7	1.3	61.4		930
ALL HOURS	5.5	21.0	33.5	39.9	1.4	73.1		7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34173 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
EST TO UTC: + 0 MONTH: SEP HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	22.0	25.3	17.6	34.1	1.0	52.7		900
03-05	11.4	25.6	23.0	34.1	1.9	59.7		900
06-08	2.3	24.3	35.2	36.4	2.0	73.7		900
09-11	2.7	21.0	36.1	39.3	.4	76.3		900
12-14	1.3	17.4	43.1	38.1		81.2		900
15-17	2.7	21.7	33.1	35.0		75.7		900
18-20	4.1	30.1	31.7	34.0	.1	65.8		900
21-23	15.7	30.3	19.1	33.2	.7	53.0		900
ALL HOURS	8.0	24.9	30.0	37.1	.5	67.1		7200

MONTH: OCT HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	19.3	21.7	18.2	37.2	3.6	59.4		930
03-05	14.2	22.4	14.2	43.2	6.3	61.4		930
06-08	6.5	24.3	24.7	42.9	2.9	70.5		930
09-11	5.2	21.6	30.3	39.9	1.1	71.3		930
12-14	4.4	20.4	34.2	40.9	.3	75.4		930
15-17	3.4	23.3	31.3	42.3	.1	73.7		930
18-20	3.3	25.9	28.3	39.2	.8	68.3		930
21-23	12.3	23.7	16.9	37.7	2.2	56.9		930
ALL HOURS	10.7	23.7	24.3	41.3	1.7	66.9		7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FOR SELECTED OBSERVATIONS

STATION NUMBER: 34073 STATION NAME: SAN SOUCI-NICE FR
EST TO UTC: - 5

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	ST 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	11.6	16.7	17.0	43.3	2.4	67.8		900
03-05	13.2	13.3	14.1	53.7	2.7	67.4		900
06-08	5.0	13.9	24.3	54.4	3.4	76.9		899
09-11	4.3	14.7	24.2	53.3	3.1	79.9		900
12-14	2.2	13.7	27.1	55.9	3.1	72.1		900
15-17	3.3	14.1	26.2	54.2	2.4	77.0		900
18-20	5.0	22.3	16.3	56.1	2.8	64.3		900
21-23	13.9	18.8	16.7	47.3	2.8	67.3		900
ALL HOURS	7.3	15.7	21.3	53.3	2.3	73.3		7199

MONTH: DEC HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	ST 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	12.7	17.1	14.4	43.5	2.3	69.2		930
03-05	10.3	15.2	14.6	45.7	2.9	65.3		930
06-08	4.2	22.3	16.5	47.2	4.3	68.0		930
09-11	4.2	18.3	20.2	47.2	3.0	77.0		930
12-14	3.2	18.3	20.6	48.9	1.3	76.9		930
15-17	4.1	19.5	23.3	50.9	2.4	72.5		930
18-20	3.1	22.3	13.3	48.7	3.1	64.1		930
21-23	13.3	21.3	15.7	44.1	3.3	63.4		930
ALL HOURS	7.4	19.3	17.7	48.3	3.7	70.7		7440

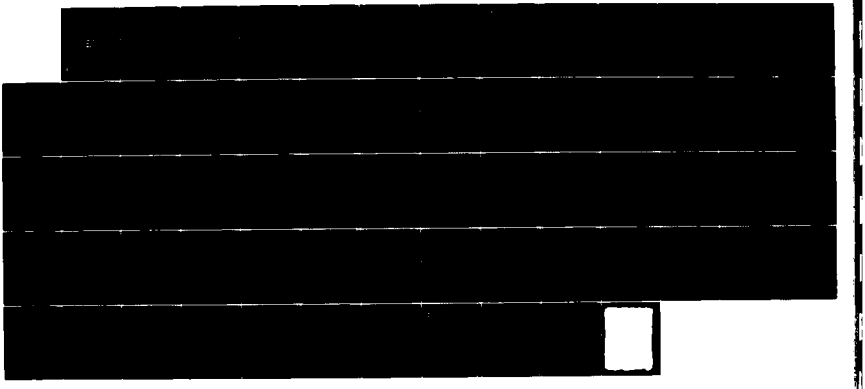
OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

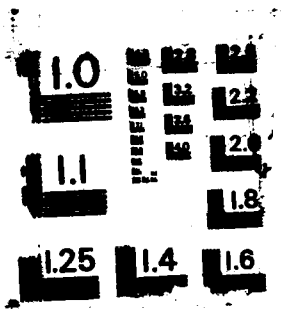
PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: -0 MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
			AIRWAY CLASS					
00-02	17.1	23.1	16.5	40.7	2.7	59.3		10959
03-05	11.5	23.5	13.5	42.3	3.2	69.1		10959
06-08	6.3	21.1	20.3	46.3	3.3	73.5		10985
09-11	3.7	17.3	32.3	46.3	1.4	71.9		10998
12-14	3.3	16.3	36.1	43.1	.9	80.2		10998
15-17	3.6	14.8	34.1	42.9	1.3	77.7		10987
18-20	4.3	23.7	27.4	41.3	1.5	70.3		10961
21-23	12.4	25.3	19.9	41.3	1.3	61.7		10959
ALL HOURS	7.7	21.3	25.4	43.4	1.5	71.9		87806

AD-A209 093 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RAF 4/4
SCULTHORPE UNITED KINGDOM(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL APR 89
UNCLASSIFIED USAFETAC/DS-89/202 F/G 4/2 NL

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.
ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. THE YEARLY AMOUNT ONLY APPEARS WHEN ALL MONTHS FOR THAT YEAR ALSO APPEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE.

MEAN MONTHLY TEMPERATURE.
ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSION: F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77)
C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF). CREATED FROM HOURLY OBSERVATIONS. THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	90								.2					.0
GE	85						.9	.9	.4					.2
GE	80					.2	3.6	3.0	3.0	.7				.9
GE	75					2.0	10.2	11.4	10.6	4.4	.6			3.4
GE	70				.8	7.2	24.0	33.3	32.8	13.1	1.9			9.8
GE	65			.9	3.3	21.6	52.2	66.7	68.1	36.7	7.3			22.1
GE	60		.8	3.0	14.1	42.2	78.2	94.0	95.3	73.3	28.6	.4		36.8
GE	55	.9	2.8	17.1	38.5	73.0	93.4	99.8	100.0	95.3	66.0	8.2	2.2	50.7
GE	50	9.0	16.7	41.2	67.7	92.8	100.0	100.0		100.0	90.5	43.3	19.2	65.7
GE	45	26.5	35.9	60.4	90.5	99.5					100.0	80.9	45.8	78.8
GE	40	58.5	62.9	85.5	100.0	100.0						96.7	77.0	90.3
GE	35	87.8	84.3	99.1								99.8	95.1	97.3
GE	33	93.1	91.4	99.8								100.0	98.4	98.6
GE	30	98.2	98.5	100.0									100.0	99.7
GE	25	100.0	99.7											100.0
GE	20		100.0											100.0
MEAN		41.0	42.0	47.3	52.8	58.9	65.0	67.4	67.5	63.2	56.7	48.3	44.0	54.7
SD		5.94	6.92	7.04	6.28	7.03	7.11	5.77	5.56	5.55	5.56	4.54	5.68	11.34
TOTAL OBS		434	396	434	390	403	421	465	464	450	465	450	448	5240

RATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	65						.2	.2	.2					.1
GE	60						1.8	4.7	4.7	1.6	.2			1.1
GE	55	.2			.3	2.0	17.2	37.0	33.8	14.2	3.7			9.5
GE	50	.2	.5		2.6	13.9	59.0	88.8	83.0	54.9	19.8	1.1		28.1
GE	45	3.0	3.0	6.5	16.7	54.3	92.5	100.0	99.4	87.6	58.5	18.2	7.4	46.8
GE	40	11.3	14.6	26.0	52.6	89.3	99.5		100.0	98.7	84.9	52.9	25.8	63.8
GE	35	40.4	39.1	50.4	91.0	99.5	100.0			100.0	98.3	82.2	58.5	81.2
GE	33	55.8	52.8	72.1	96.4	99.8					99.8	90.2	69.4	86.7
GE	30	72.8	77.0	86.6	99.7	100.0					100.0	97.3	84.8	93.6
GE	25	92.4	91.4	98.6	100.0							100.0	97.3	98.4
GE	20	98.2	97.0	99.5									100.0	99.6
GE	15	99.8	99.2	100.0										99.9
GE	10	100.0	99.7											100.0
GE	5		100.0											100.0
MEAN		33.1	33.0	35.9	40.1	44.9	50.4	53.6	53.1	49.9	45.3	39.6	35.7	43.1
SD		5.85	6.31	5.51	4.42	4.32	4.18	3.39	3.76	4.57	5.10	5.26	5.86	8.88
TOTAL OBS		434	396	434	390	403	441	465	464	450	465	450	448	5240

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	75						.2	.4	.2					.1
GE	70						1.8	2.4	3.0	.4				.7
GE	65					1.2	10.7	15.3	16.2	5.8	.9			4.4
GE	60				.3	9.9	34.2	60.6	55.4	25.3	4.5			16.6
GE	55	.2	.3	.2	5.6	28.3	75.3	95.5	94.8	68.9	23.4	.2		33.9
GE	50	2.3	2.5	9.7	31.0	67.2	97.1	100.0	100.0	95.3	68.4	11.6	4.0	50.2
GE	45	10.8	15.7	35.5	61.8	95.8	100.0			100.0	91.8	48.9	22.1	66.0
GE	40	33.4	38.4	61.8	95.4	100.0					99.8	84.7	56.0	81.2
GE	35	68.4	68.9	89.9	100.0						100.0	98.2	83.3	92.6
GE	30	91.5	91.4	96.8								99.3	90.4	95.9
GE	25	98.8	97.7	99.3								100.0	98.0	98.4
GE	20	100.0	99.7	100.0									100.0	99.7
GE	15		100.0											100.0
														100.0

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MEAN	37.3	37.8	41.8	46.7	52.2	57.9	60.7	60.5	56.8	51.2	44.2	40.1	49.2
SD	5.66	6.33	5.72	4.84	5.07	5.04	3.99	4.06	4.60	4.82	4.52	5.49	9.83
TOTAL OBS	434	396	434	390	403	441	465	464	450	465	450	448	5260

OPERATING LOCATION '4'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: +00

PERIOD OF RECORD: 5006-6403,8806-8812
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						86	82	78	70	69	55	50	86*
51	51	49	56	70	69	72	76	79	76	64	56	52	79
52	51	51	59	74	79	85	86	77	69	58	54	50	86
53	54	55	67	58	80	73	77	90	76	71	57	57	90
54	57	52	58	60	79	73	74	80	82	71	57	57	82
55	52	51	55	68	65	72	81	84	75	67	59	57	84
56	50	52	62	61	73	68	78	69	75	63	53	55	78
57	56	55	65	62	69	88	77	73	67	64	55	55	88
58	50	56	59	69	73	73	77	77	78	62	54	52	78
59	51	62	61	70	76	80	89	82	79	78	58	54	89
60	53	61	56	62	73	82	71	74	74	65	60	53	82
61	52	60	63	63	72	85	89	89	80	70	58	58	89
62	54	54	53	64	66	75	73	72	75	67	58	54	75
63	40	43	59	66	71	76	78	70	71	66	57	48	78
64	50	54	52										54*
88						79*	75	32	77	64	61	54*	82*
GREATEST	57	62	68	74	80	88	89	90	82	78	61	58	90
TOTAL OBS	434	396	434	390	403	441	465	464	450	465	450	448	5240

THE GREATEST VALUE OF 90 OCCURRED ON 08/12/53

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						45	48	48	42	32	27	23	23#
51	22	28	28	32	37	39	47	46	41	33	32	23	22
52	16	24	27	32	40	42	46	47	37	35	25	22	16
53	26	26	27	34	35	44	47	48	41	34	33	32	26
54	19	18	20	30	35	43	45	47	39	33	30	27	18
55	21	16	18	33	35	39	49	49	43	36	29	24	16
56	22	6	27	31	39	45	48	44	47	38	30	28	6
57	31	24	31	36	32	43	47	48	42	34	30	24	24
58	19	26	19	29	36	42	46	46	42	40	32	26	19
59	22	30	35	35	37	43	45	49	46	37	30	32	22
60	22	25	32	37	36	43	47	44	43	35	34	30	22
61	26	32	31	35	36	44	47	48	45	37	29	20	20
62	27	26	26	32	37	40	45	47	42	36	27	22	22
63	12	14	28	32	38	47	48	44	38	39	27	21	12
64	20	24	26										20#
88						41#	48	46	39	34	27	36#	27#
LEAST	12	6	18	29	32	39	45	44	37	32	25	20	6
TOTAL OBS	434	396	434	390	403	441	466	464	450	465	450	448	5240

THE LEAST VALUE OF 6 OCCURRED ON 02/03/56

NOTE: #THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 034873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: 5006-6403,8806-8812
LST TO UTC: +00 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50						61	61	61	55	50	42	36	52*
51	38	38	39	44	49	55	61	59	58	50	46	41	48
52	37	38	43	49	55	59	63	62	52	48	40	37	49
53	38	39	42	45	54	56	60	62	57	51	47	45	50
54	37	35	42	45	52	57	59	59	55	54	45	43	49
55	36	36	37	49	49	56	61	56	58	49	46	42	48
56	38	31	42	43	54	54	60	57	53	49	43	42	48
57	42	41	48	47	50	59	62	60	55	52	44	40	50
58	37	40	38	45	52	56	60	60	59	52	45	41	49
59	35	41	45	50	54	60	64	64	61	56	44	43	51
60	39	39	43	48	55	61	60	60	57	51	45	40	50
61	38	44	47	51	52	60	60	61	61	53	45	39	51
62	40	40	38	46	50	57	58	59	55	52	43	37	48
63	30	31	43	47	51	58	60	57	54	50	46	37	47
64	35	39	38										37*
88						60*	62	63	58	52	43	43*	55*
MEAN	37.3	37.9	41.8	46.7	52.2	57.9	60.7	60.5	56.8	51.2	44.2	40.1	49.2
TOTAL OBS	434	396	434	390	403	441	465	464	450	465	450	448	5240

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	36.2	6.330	930	245	0	0	0	930
03-05	35.9	6.295	930	263	0	0	0	930
06-08	35.8	6.450	930	266	0	0	0	930
09-11	36.9	6.234	930	232	0	0	0	930
12-14	39.1	6.047	930	115	0	0	0	930
15-17	38.5	6.169	930	145	0	0	0	930
18-20	37.2	6.246	930	212	0	0	0	930
21-23	36.5	6.376	930	229	0	0	0	930
ALL HOURS	37.0	6.298	7440	1657	0	0	0	7440

MONTH: FEB

00-02	36.3	6.877	849	275	0	0	0	849
03-05	35.7	6.933	849	298	0	0	0	849
06-08	35.6	6.960	849	304	0	0	0	849
09-11	37.7	6.915	849	211	0	0	0	849
12-14	40.4	7.135	849	120	0	0	0	849
15-17	40.0	7.498	849	134	0	0	0	849
18-20	37.9	7.053	849	236	0	0	0	849
21-23	36.9	7.001	849	293	0	0	0	849
ALL HOURS	37.6	7.292	6792	1771	0	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF [illegible] UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	38.8	6.037	930	0	145	0	0	0	930
03-05	37.9	6.016	930	0	160	0	0	0	930
06-08	38.1	5.946	930	0	153	0	0	0	930
09-11	42.4	6.197	930	0	98	0	0	0	930
12-14	45.7	7.140	930	0	54	3	0	0	930
15-17	45.2	7.291	930	0	62	7	0	0	930
18-20	41.6	6.916	930	0	94	1	0	0	930
21-23	39.9	6.313	930	0	127	0	0	0	930
ALL HOURS	41.2	7.039	7440	0	793	11	0	0	7440

MONTH: APR

00-02	43.1	4.969	900	0	3	0	0	0	900
03-05	42.3	4.775	900	0	4	0	0	0	900
06-08	43.0	4.849	927	0	4	0	0	0	927
09-11	43.9	5.551	939	0	0	1	0	0	939
12-14	51.2	5.232	939	0	0	14	0	0	939
15-17	50.7	5.401	928	0	1	13	0	0	928
18-20	47.1	5.917	902	0	1	1	0	0	902
21-23	44.5	5.133	900	0	4	0	0	0	900
ALL HOURS	46.4	6.443	7335	0	17	29	0	0	7335

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
SURFACE OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	47.2	4.503	930	0	0	0	0	930
03-05	46.3	4.406	930	0	1	0	0	930
06-08	49.5	4.750	930	0	3	0	0	930
09-11	54.4	5.106	930	0	55	0	0	930
12-14	56.9	5.877	930	0	133	0	0	930
15-17	56.6	7.010	930	0	131	0	0	930
18-20	53.1	5.166	930	0	49	0	0	930
21-23	49.1	4.926	930	0	1	0	0	930
ALL HOURS	51.6	5.816	7440	0	373	0	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	52.5	4.495	900	0	7	0	0	900
03-05	51.6	4.155	900	0	5	0	0	900
06-08	55.3	4.864	900	0	41	0	0	900
09-11	60.2	6.408	900	0	221	4	0	900
12-14	62.9	7.114	900	0	359	15	0	900
15-17	62.7	7.123	900	0	369	17	0	900
18-20	59.4	6.316	900	0	142	2	0	900
21-23	54.7	4.947	900	0	62	0	0	900
ALL HOURS	57.4	7.156	7200	0	1209	38	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
[illegible] DAILY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: [illegible] PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	55.5	3.533	930	0	0	6	0	0	930
03-05	54.7	3.635	930	0	0	4	0	0	930
06-08	57.7	3.953	930	0	0	46	0	0	930
09-11	62.4	5.133	930	0	0	253	8	0	930
12-14	64.8	5.939	930	0	0	437	19	0	930
15-17	64.6	5.945	930	0	0	427	15	0	930
18-20	61.4	5.273	930	0	0	235	6	0	930
21-23	57.6	3.910	930	0	0	45	0	0	930
ALL HOURS	59.5	5.046	7440	0	0	1462	48	0	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	55.5	3.831	930	0	0	12	0	0	930
03-05	54.4	4.032	930	0	0	3	0	0	930
06-08	56.7	4.011	930	0	0	31	0	0	930
09-11	62.1	4.728	929	0	0	235	4	0	929
12-14	64.7	5.678	927	0	0	426	19	0	927
15-17	64.4	5.769	929	0	0	421	15	0	929
18-20	60.9	4.857	930	0	0	183	1	0	930
21-23	57.4	3.990	930	0	0	43	0	0	930
ALL HOURS	59.5	5.244	7435	0	0	1354	39	0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	53.3	4.454	900	0	0	0	0	0	900
03-05	52.4	4.670	900	0	0	1	0	0	900
06-08	53.7	4.925	900	0	0	9	0	0	900
09-11	59.1	5.094	900	0	0	125	0	0	900
12-14	62.1	5.947	900	0	0	276	5	0	900
15-17	61.6	5.635	900	0	0	255	4	0	900
18-20	57.1	4.825	900	0	0	70	0	0	900
21-23	54.5	4.399	900	0	0	15	0	0	900
ALL HOURS	56.7	6.146	7200	0	0	761	9	0	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	49.1	4.857	930	0	0	0	0	0	930
03-05	48.4	5.035	930	0	0	0	0	0	930
06-08	48.6	5.213	930	0	0	0	0	0	930
09-11	52.9	5.558	930	0	0	22	0	0	930
12-14	55.9	5.016	930	0	0	75	0	0	930
15-17	54.7	5.875	930	0	0	47	0	0	930
18-20	51.5	5.001	930	0	0	5	0	0	930
21-23	49.9	4.930	930	0	0	0	0	0	930
ALL HOURS	51.4	5.925	7440	0	0	149	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: = 0 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	43.3	5.137	900	0	33	0	0	0	900
03-05	42.8	5.168	900	0	30	0	0	0	900
06-08	42.6	5.340	899	0	37	0	0	0	899
09-11	44.8	4.825	900	0	8	0	0	0	900
12-14	47.2	4.477	900	0	0	0	0	0	900
15-17	46.0	4.632	900	0	3	0	0	0	900
18-20	44.4	4.844	900	0	10	0	0	0	900
21-23	43.7	5.011	900	0	20	0	0	0	900
ALL HOURS	44.4	5.077	7199	0	141	0	0	0	7199

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	39.3	6.197	930	0	144	0	0	0	930
03-05	39.0	6.406	930	0	150	0	0	0	930
06-08	38.9	6.397	930	0	152	0	0	0	930
09-11	40.3	6.052	930	0	94	0	0	0	930
12-14	42.4	5.593	930	0	40	0	0	0	930
15-17	41.4	5.780	930	0	63	0	0	0	930
18-20	40.2	5.975	930	0	98	0	0	0	930
21-23	39.6	6.056	930	0	132	0	0	0	930
ALL HOURS	40.1	6.217	7440	0	388	0	0	0	7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	45.9	8.743	10959	0	865	25	0	0	10959
03-05	45.2	8.596	10959	0	926	13	0	0	10959
06-08	46.4	9.596	10985	0	821	129	0	0	10985
09-11	50.2	10.861	10997	0	643	932	16	0	10997
12-14	52.8	11.154	10995	0	298	1725	58	0	10995
15-17	52.3	11.355	10986	0	377	1677	51	0	10986
18-20	49.4	10.463	10961	0	597	726	9	0	10961
21-23	47.1	9.222	10959	0	774	136	0	0	10959
ALL HOURS	48.7	10.423	37801	0	5301	5363	134	0	87801

OPERATING LOCATION "A" — WET BULB TEMPERATURE SUMMARY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	35.0	6.246	886	297	5	0	0	0	888
03-05	34.9	6.240	888	313	7	0	0	0	888
06-08	34.7	6.404	836	331	13	0	0	0	888
09-11	35.5	6.113	888	276	9	0	0	0	888
12-14	37.3	6.882	887	192	23	0	0	0	887
15-17	36.8	6.053	888	207	16	0	0	0	888
18-20	35.9	6.104	888	294	15	0	0	0	888
21-23	35.3	6.243	888	276	12	0	0	0	888
ALL HOURS	35.7	6.207	7103	2135	100	0	0	0	7103

MONTH: FEB

00-02	35.0	6.799	849	303	11	0	0	0	849
03-05	34.5	6.844	849	346	6	0	0	0	849
06-08	34.4	6.837	849	345	3	0	0	0	849
09-11	36.1	6.676	849	290	13	0	0	0	849
12-14	38.0	6.749	849	217	25	0	0	0	849
15-17	37.8	6.912	849	217	29	0	0	0	849
18-20	36.3	6.859	849	274	10	0	0	0	849
21-23	35.5	6.829	849	322	7	0	0	0	849
ALL HOURS	36.0	6.222	5732	2345	114	0	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	37.3	5.988	930	225	10	0	0	0	930
03-05	36.7	5.860	930	248	13	0	0	0	930
06-08	36.8	5.906	930	255	6	0	0	0	930
09-11	39.8	5.950	930	133	45	0	0	0	930
12-14	41.8	6.257	930	63	115	0	0	0	930
15-17	41.5	6.396	930	63	107	0	0	0	930
18-20	39.4	6.407	930	165	46	0	0	0	930
21-23	38.1	6.130	930	212	19	0	0	0	930
ALL HOURS	38.2	6.378	7440	1353	361	0	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	41.3	4.824	900	17	48	0	0	0	900
03-05	40.7	4.634	900	32	31	0	0	0	900
06-08	41.8	4.553	927	13	51	0	0	0	927
09-11	44.6	4.764	938	0	169	0	0	0	938
12-14	45.9	5.009	939	0	260	0	0	0	939
15-17	45.7	5.145	928	0	246	0	0	0	928
18-20	43.7	5.030	902	3	125	0	0	0	902
21-23	42.2	4.962	900	10	54	0	0	0	900
ALL HOURS	43.2	5.249	7334	75	993	0	0	0	7334

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	45.0	4.214	930	0	152	0	0	0	930
03-05	44.4	4.237	930	2	113	0	0	0	930
06-08	46.5	4.280	930	1	219	0	0	0	930
09-11	49.2	4.840	930	0	421	0	0	0	930
12-14	50.5	5.048	930	0	507	2	0	0	930
15-17	50.3	5.026	930	0	494	0	0	0	930
18-20	48.5	4.901	930	0	353	0	0	0	930
21-23	46.3	4.516	930	0	224	0	0	0	930
ALL HOURS	47.6	5.097	7440	3	2483	2	0	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	50.1	4.219	891	0	498	0	0	0	891
03-05	49.6	3.989	891	0	455	0	0	0	891
06-08	52.1	4.072	891	0	648	1	0	0	891
09-11	54.6	4.781	891	0	756	14	2	0	891
12-14	56.0	4.945	892	0	826	21	3	0	892
15-17	55.8	4.998	890	0	798	15	5	0	890
18-20	54.1	4.707	888	0	728	9	2	0	888
21-23	51.5	4.319	885	0	574	1	0	0	885
ALL HOURS	53.0	5.103	7117	0	5280	61	12	0	7119

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	53.7	3.595	915	0	796	0	0	0	915
03-05	53.1	3.737	913	0	764	0	0	0	913
06-09	55.2	3.605	912	0	857	0	0	0	912
09-11	57.3	3.924	920	0	898	10	0	0	920
12-14	58.4	4.032	921	0	913	28	0	0	921
15-17	58.4	4.157	921	0	909	29	0	0	921
18-20	56.9	3.916	921	0	896	16	0	0	921
21-23	54.9	3.648	921	0	847	1	0	0	921
ALL HOURS	56.0	4.228	7344	0	6830	84	0	0	7344

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	53.7	4.042	913	0	767	0	0	0	913
03-05	53.0	4.113	912	0	773	0	0	0	912
06-08	54.7	3.914	913	0	839	0	0	0	913
09-11	57.3	3.776	917	0	917	13	0	0	917
12-14	58.4	4.064	915	0	913	39	1	0	915
15-17	58.2	4.037	917	0	914	31	0	0	917
18-20	56.7	3.875	916	0	897	10	0	0	916
21-23	55.0	3.896	915	0	856	1	0	0	915
ALL HOURS	55.9	4.461	7318	0	6826	94	1	0	7318

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	51.5	4.557	900	0	596	0	0	0	900
03-05	51.0	4.603	900	0	545	0	0	0	900
06-08	52.0	4.832	900	0	606	0	0	0	900
09-11	55.1	4.576	900	0	792	11	0	0	900
12-14	56.1	4.788	900	0	827	24	0	0	900
15-17	55.8	4.626	900	0	825	15	0	0	900
18-20	53.3	4.405	900	0	752	3	0	0	900
21-23	52.2	4.379	900	0	646	0	0	0	900
ALL HOURS	53.4	4.945	7200	0	5589	53	0	0	7200

MONTH: OCT

00-02	47.5	4.974	930	0	335	0	0	0	930
03-05	47.1	5.131	930	0	293	0	0	0	930
06-08	47.2	5.261	930	1	324	0	0	0	930
09-11	50.1	5.227	930	0	520	0	0	0	930
12-14	51.5	5.100	930	0	626	0	0	0	930
15-17	50.9	5.155	930	0	581	0	0	0	930
18-20	49.2	5.122	930	0	468	0	0	0	930
21-23	48.1	5.042	930	1	376	0	0	0	930
ALL HOURS	49.0	5.338	7440	2	3523	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	41.9	4.960	900	43	45	0	0	0	900
03-05	41.5	4.931	900	41	42	0	0	0	900
06-08	41.3	5.134	899	52	40	0	0	0	899
09-11	43.1	4.594	900	14	72	0	0	0	900
12-14	44.7	4.343	900	4	130	0	0	0	900
15-17	43.9	4.511	900	9	98	0	0	0	900
18-20	42.7	4.837	900	23	59	0	0	0	900
21-23	42.2	4.921	900	39	62	0	0	0	900
ALL HOURS	42.6	4.893	7199	221	557	0	0	0	7199

MONTH: DEC

00-02	38.0	6.035	924	198	24	0	0	0	924
03-05	37.7	6.154	924	192	19	0	0	0	924
06-08	37.6	6.231	924	198	24	0	0	0	924
09-11	38.7	5.863	926	145	32	0	0	0	926
12-14	40.5	5.246	927	79	63	0	0	0	927
15-17	39.8	5.526	927	96	36	0	0	0	927
18-20	38.8	5.845	927	150	33	0	0	0	927
21-23	38.3	5.859	926	174	26	0	0	0	926
ALL HOURS	38.7	5.956	7405	1177	247	0	0	0	7405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	44.2	8.502	10870	1094	3287	0	0	0	10870
03-05	43.7	8.437	10867	1174	3016	0	0	0	10867
06-08	44.6	9.058	10893	1137	3632	1	0	0	10893
09-11	46.9	9.337	10919	953	4648	48	2	0	10919
12-14	48.3	9.188	10920	536	5218	114	4	0	10920
15-17	48.0	9.315	10910	588	5053	90	5	0	10910
18-20	46.4	9.131	10881	947	4391	33	2	0	10881
21-23	45.0	8.726	10874	1023	3713	3	0	0	10874
ALL HOURS	45.9	9.129	87134	7312	32953	294	13	0	87134

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	33.2	6.956	888	165	271	888	0	888
03-05	33.0	7.065	888	167	257	888	0	888
06-08	32.9	7.091	888	177	257	888	0	888
09-11	33.5	6.971	888	154	281	888	0	888
12-14	34.6	6.823	887	129	344	887	0	887
15-17	34.5	6.864	888	134	346	888	0	888
18-20	33.8	6.957	888	161	313	888	0	888
21-23	33.4	6.907	888	166	299	888	0	888
ALL HOURS	33.6	6.933	7103	1293	2333	7103	0	7103

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	32.9	7.713	849	207	254	849	0	849
03-05	32.4	7.735	849	224	241	849	0	849
06-08	32.3	7.777	849	237	279	849	0	849
09-11	33.7	7.535	849	184	330	849	0	849
12-14	34.7	7.603	849	159	362	849	0	849
15-17	34.7	7.589	849	169	358	849	0	849
18-20	33.9	7.574	849	192	344	849	0	849
21-23	33.3	7.600	849	218	316	849	0	849
ALL HOURS	33.5	7.732	6792	1522	2553	6792	0	6792

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	35.0	6.671	930	102	430	930	0	930
03-05	34.6	6.737	930	124	414	930	0	930
06-08	34.8	6.614	930	122	440	930	0	930
09-11	36.5	6.952	930	111	510	930	0	930
12-14	37.1	7.093	930	99	513	930	0	930
15-17	37.0	7.224	930	97	497	930	0	930
18-20	36.3	7.139	930	113	467	930	0	930
21-23	35.5	6.923	930	142	446	930	0	930
ALL HOURS	35.9	7.075	7440	1110	3716	7440	0	7440

MONTH: APR

00-02	39.0	5.521	939	13	574	939	0	939
03-05	38.7	5.368	939	5	561	939	0	939
06-08	38.5	5.139	927	1	537	927	0	939
09-11	40.4	5.510	933	3	553	933	0	939
12-14	40.2	5.927	933	13	554	933	0	939
15-17	40.2	6.000	927	13	547	927	0	939
18-20	39.3	5.710	902	8	522	902	0	939
21-23	39.5	5.577	939	11	503	939	0	939
ALL HOURS	39.7	5.674	7334	62	4334	7332	0	7334

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FOR 3 HOURLY OBSERVATIONS

STATION NUMBER: 3407[illegible] STATION NAME: [illegible] LST TO UTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 37	37 TO 55	GE 65	TOT. HOURS
00-02	42.6	4.927	930	2	425	929	0	930
03-05	42.4	4.[illegible]84	930	0	423	923	0	930
06-08	43.6	4.[illegible]45	930	0	415	922	0	930
09-11	44.3	5.544	930	1	4[illegible]	907	0	930
12-14	44.4	5.054	930	2	441	4[illegible]8	1	930
15-17	44.5	5.[illegible]33	930	1	442	3[illegible]8	0	930
18-20	44.3	5.647	930	3	427	9[illegible]	0	930
21-23	43.3	5.[illegible]45	930	3	34	922	0	930
ALL HOURS	43.6	5.443	7440	2	5832	7311	1	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 37	37 TO 55	GE 65	TOT. HOURS
00-02	48.2	4.780	891	1	[illegible]74	241	0	892
03-05	48.0	4.[illegible]33	891	1	[illegible]79	2[illegible]4	0	892
06-08	47.4	4.441	891	1	[illegible]9	201	1	892
09-11	50.1	5.362	891	1	[illegible]4[illegible]	745	9	892
12-14	50.6	5.797	892	1	[illegible]7	723	14	892
15-17	50.3	5.[illegible]39	892	1	[illegible]7	722	10	892
18-20	49.7	5.473	892	1	[illegible]2	753	5	892
21-23	47.8	4.952	892	1	[illegible]25	704	1	892
ALL HOURS	48.4	5.304	7113	1	7065	5243	40	7119

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
[illegible] OBSERVATIONS

STATION NUMBER: 34[illegible] STATION NAME: [illegible]
LST TO UTC: - 0

PERIOD OF RECORD: APR 64 - MAR 64
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 37	GE 37	LT 55	GE 55	TOTAL HOURS
00-02	52.3	4.14[illegible]	[illegible]	[illegible]	915	[illegible]83	0	915
03-05	51.9	4.091	913	0	913	709	0	913
06-08	53.2	4.[illegible]23	[illegible]12	[illegible]	[illegible]12	633	1	912
09-11	53.5	4.752	[illegible]23	[illegible]	[illegible]20	[illegible]97	3	920
12-14	53.7	5.[illegible]69	921	0	921	556	5	921
15-17	53.7	5.[illegible]29	921	0	921	569	15	921
18-20	53.4	4.7[illegible]	921	[illegible]	921	594	11	921
21-23	52.[illegible]	4.212	921	0	921	650	3	921
ALL HOURS	53.1	4.663	7364	0	7364	5004	41	7364

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LT 37	GE 37	LT 55	GE 55	TOTAL HOURS
00-02	52.5	4.355	[illegible]13	0	913	669	0	915
03-05	52.1	4.421	[illegible]13	[illegible]	913	705	0	915
06-08	53.3	4.1[illegible]0	[illegible]13	[illegible]	[illegible]13	631	0	915
09-11	53.7	4.764	[illegible]17	0	917	5[illegible]4	5	915
12-14	53.7	5.1[illegible]6	[illegible]15	[illegible]	[illegible]15	[illegible]73	11	915
15-17	53.[illegible]	5.064	917	0	917	[illegible]93	8	915
18-20	53.6	4.597	[illegible]15	0	[illegible]15	599	4	915
21-23	53.2	4.416	[illegible]15	0	[illegible]15	647	1	915
ALL HOURS	53.2	4.723	7312	0	7312	5018	29	7318

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	50.1	5.042	900	0	899	759	0	900
03-05	49.8	5.043	900	0	897	774	0	900
06-08	50.6	5.154	900	0	899	738	2	900
09-11	51.9	5.445	900	0	897	656	7	900
12-14	51.3	6.013	900	0	892	677	14	900
15-17	51.1	5.896	900	0	892	674	8	900
18-20	51.0	5.118	900	0	900	705	3	900
21-23	50.4	5.041	900	0	899	735	2	900
ALL HOURS	50.8	5.445	7200	0	7175	5718	36	7200

MONTH: OCT

00-02	46.1	5.677	930	0	870	898	0	930
03-05	45.9	5.777	930	0	872	898	0	930
06-08	45.9	5.921	930	0	871	899	0	930
09-11	47.6	5.962	930	2	886	857	0	930
12-14	47.6	6.179	930	5	879	864	0	930
15-17	47.6	6.127	930	0	875	860	0	930
18-20	47.1	6.092	930	2	877	870	0	930
21-23	46.5	5.764	930	1	872	884	0	930
ALL HOURS	46.8	6.023	7440	10	7002	7020	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	40.2	5.603	900	16	675	900	0	900
03-05	39.9	5.639	900	20	675	900	0	900
06-08	39.8	5.674	899	16	666	899	0	899
09-11	41.1	5.177	900	9	732	900	0	900
12-14	41.9	5.155	900	4	769	893	0	900
15-17	41.6	5.303	900	3	749	899	0	900
18-20	40.8	5.515	900	12	712	900	0	900
21-23	40.4	5.633	900	19	688	900	0	900
ALL HOURS	40.7	5.559	7199	99	5666	7196	0	7199

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	36.2	6.739	924	96	464	924	0	927
03-05	35.9	6.816	924	114	436	924	0	927
06-08	35.8	6.802	924	114	445	924	0	927
09-11	36.6	6.517	926	80	482	926	0	927
12-14	38.0	5.967	927	44	565	927	0	927
15-17	37.7	6.209	927	59	543	927	0	927
18-20	36.9	6.395	927	79	514	927	0	927
21-23	36.4	6.548	926	91	487	926	0	927
ALL HOURS	36.7	6.585	7405	677	3936	7405	0	7405

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	42.4	9.102	10870	656	7991	10190	0	10870
03-05	42.1	9.078	10867	710	7913	10260	0	10867
06-08	42.6	9.456	10893	717	8064	10031	4	10893
09-11	43.6	9.434	10919	554	8362	9770	24	10919
12-14	44.0	9.240	10920	459	8553	9728	48	10920
15-17	43.9	9.265	10910	466	8473	9733	41	10910
18-20	43.4	9.316	10881	584	8293	9831	23	10881
21-23	42.9	9.193	10874	650	8141	10045	7	10874
ALL HOURS	43.1	9.286	87134	4776	65790	79588	147	87134

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE JA PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.5	85.2	50.2	88.8	888
03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.8	86.9	53.5	88.9	888
06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.4	85.7	53.4	88.8	888
09-11	100.0	100.0	100.0	100.0	100.0	99.9	94.7	79.5	48.3	87.2	888
12-14	100.0	100.0	100.0	100.0	99.8	99.0	89.7	67.1	33.7	84.0	887
15-17	100.0	100.0	100.0	100.0	99.9	99.2	92.5	73.9	39.6	85.5	888
18-20	100.0	100.0	100.0	100.0	99.9	99.3	95.9	81.5	44.8	87.4	888
21-23	100.0	100.0	100.0	100.0	100.0	99.9	97.0	84.5	49.2	88.4	888
ALL HOURS	100.0	100.0	100.0	100.0	99.9	99.5	95.2	80.5	46.6	88.4	7103

MONTH: FEB

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.6	94.5	79.3	41.2	87.0	849
03-05	100.0	100.0	100.0	100.0	100.0	99.9	95.3	81.5	44.1	87.3	849
06-08	100.0	100.0	100.0	100.0	100.0	99.9	95.3	81.3	46.6	87.5	849
09-11	100.0	100.0	100.0	100.0	100.0	99.3	91.4	71.3	35.1	84.9	849
12-14	100.0	100.0	100.0	99.9	98.2	96.2	81.7	53.9	22.0	80.0	849
15-17	100.0	100.0	100.0	100.0	99.3	97.1	85.5	59.2	23.9	81.2	849
18-20	100.0	100.0	100.0	100.0	100.0	99.5	93.3	72.9	34.0	84.9	849
21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.7	78.3	42.0	86.5	849
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.8	91.5	72.2	36.1	86.5	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.6	92.7	77.2	41.6	86.1	930
03-05	100.0	100.0	100.0	100.0	100.0	99.7	94.9	81.7	48.7	87.6	930
06-08	100.0	100.0	100.0	100.0	100.0	99.5	94.7	81.1	48.8	87.7	930
09-11	100.0	100.0	100.0	100.0	99.5	94.6	81.9	55.3	22.4	77.9	930
12-14	100.0	100.0	100.0	99.6	96.1	80.4	59.7	33.4	10.2	72.7	930
15-17	100.0	100.0	100.0	99.2	96.0	83.3	61.6	35.6	11.6	73.5	930
18-20	100.0	100.0	100.0	99.9	99.7	96.0	84.6	58.7	22.6	80.9	930
21-23	100.0	100.0	100.0	100.0	100.0	99.4	91.1	70.1	29.4	83.9	930
ALL HOURS	100.0	100.0	100.0	99.8	98.9	94.1	82.7	61.6	29.4	83.9	7440

MONTH: APR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	99.9	99.6	97.0	79.8	32.6	86.7	900
03-05	100.0	100.0	100.0	100.0	99.9	99.9	97.9	85.3	40.1	87.4	900
06-08	100.0	100.0	100.0	100.0	100.0	99.8	94.6	75.1	34.8	85.2	927
09-11	100.0	100.0	100.0	100.0	98.8	83.4	62.0	33.6	11.2	74.0	938
12-14	100.0	100.0	100.0	98.9	90.7	69.3	45.5	21.5	5.2	67.4	939
15-17	100.0	100.0	99.9	98.1	90.2	72.3	43.5	22.4	6.3	69.4	928
18-20	100.0	100.0	100.0	99.8	97.5	91.1	74.7	42.2	15.1	76.6	902
21-23	100.0	100.0	100.0	100.0	99.9	98.7	92.8	67.3	25.1	85.1	900
ALL HOURS	100.0	100.0	100.0	99.6	97.1	89.7	76.3	53.1	21.1	83.1	7334

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.7	94.6	73.1	30.9	84.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.8	83.5	36.3	86.6	930
06-08	100.0	100.0	100.0	100.0	99.9	98.4	95.8	69.5	19.5	80.7	930
09-11	100.0	100.0	100.0	99.2	94.7	79.1	46.2	25.7	8.5	69.9	930
12-14	100.0	99.9	99.1	96.6	84.3	63.2	36.0	19.0	5.8	64.9	930
15-17	100.0	100.0	99.7	97.6	84.5	64.2	39.2	21.7	5.3	65.6	930
18-20	100.0	100.0	99.9	99.5	94.7	82.9	58.2	35.7	10.0	72.5	930
21-23	100.0	100.0	100.0	100.0	99.8	98.6	94.9	69.2	20.4	80.9	930
ALL HOURS	100.0	100.0	99.8	99.1	94.7	85.8	68.1	47.2	17.1	80.9	7440

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	99.8	99.3	96.1	82.4	35.8	85.7	891
03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.8	89.0	43.1	87.9	891
06-08	100.0	100.0	100.0	100.0	99.9	97.9	86.0	61.5	23.6	81.3	891
09-11	100.0	100.0	100.0	99.4	93.4	73.3	53.5	28.3	10.3	70.9	891
12-14	100.0	100.0	99.9	96.7	85.7	63.3	42.5	23.0	8.7	65.4	892
15-17	100.0	100.0	100.0	95.6	84.0	64.3	41.7	22.1	8.9	66.1	890
18-20	100.0	100.0	100.0	98.5	93.4	79.1	59.3	35.5	11.6	72.1	888
21-23	100.0	100.0	100.0	99.9	99.0	97.1	84.6	62.9	25.6	81.3	885
ALL HOURS	100.0	100.0	100.0	98.8	94.4	84.9	70.3	50.6	21.0	81.3	7119

~~OPERATING LOCATION "A"~~ ~~CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY~~
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.4	90.9	50.9	88.8	915
03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.3	95.5	61.2	90.7	913
06-08	100.0	100.0	100.0	100.0	99.9	98.5	94.1	77.1	38.7	85.4	912
09-11	100.0	100.0	100.0	99.6	97.3	85.0	62.4	36.6	14.3	73.9	920
12-14	100.0	100.0	99.8	98.8	90.6	72.6	46.1	25.7	11.9	68.9	921
15-17	100.0	100.0	100.0	97.6	90.9	71.3	48.3	28.9	13.6	69.4	921
18-20	100.0	100.0	100.0	99.6	96.9	86.6	68.6	44.3	20.8	76.2	921
21-23	100.0	100.0	100.0	100.0	99.9	99.3	92.6	76.1	38.5	85.1	921
ALL HOURS	100.0	100.0	100.0	99.4	95.9	89.1	76.4	59.3	31.2	85.1	7344

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	99.8	99.5	93.6	55.0	89.8	913
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	98.2	71.7	92.2	912
06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.5	88.2	53.7	88.8	913
09-11	100.0	100.0	100.0	100.0	97.6	83.0	65.3	36.7	18.0	75.2	917
12-14	100.0	100.0	100.0	99.6	92.1	73.2	46.8	22.8	11.7	69.1	915
15-17	100.0	100.0	100.0	99.1	91.2	72.2	48.0	28.5	12.3	69.6	917
18-20	100.0	100.0	100.0	100.0	99.0	91.2	71.0	49.5	24.2	77.9	916
21-23	100.0	100.0	100.0	100.0	100.0	99.3	96.0	80.2	43.4	86.5	915
ALL HOURS	100.0	100.0	100.0	99.8	97.5	90.5	77.9	62.9	36.3	86.5	7318

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 — STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 — MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.4	92.3	53.4	89.2	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.6	96.1	63.9	91.0	900
06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.6	90.0	56.9	89.5	900
09-11	100.0	100.0	100.0	100.0	99.0	93.3	75.7	47.4	17.9	77.7	900
12-14	100.0	100.0	99.8	99.0	93.7	75.8	47.6	22.8	9.1	69.0	900
15-17	100.0	100.0	99.8	99.6	94.3	76.4	50.3	25.8	11.4	70.0	900
18-20	100.0	100.0	100.0	100.0	99.7	95.8	82.1	60.4	25.9	80.7	900
21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.6	82.9	42.3	86.6	900
ALL HOURS	100.0	100.0	99.9	99.8	98.3	92.7	80.8	64.7	35.1	86.6	7200

MONTH: OCT

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.4	91.2	56.7	89.8	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	94.8	61.9	91.2	930
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	92.9	61.4	90.8	930
09-11	100.0	100.0	100.0	99.9	99.6	97.5	88.3	67.6	29.7	82.8	930
12-14	100.0	100.0	99.8	98.8	96.2	89.2	67.2	38.8	14.1	74.9	930
15-17	100.0	100.0	99.9	99.5	98.2	92.7	75.5	48.4	18.6	77.8	930
18-20	100.0	100.0	100.0	100.0	99.7	98.6	92.9	80.3	44.3	85.3	930
21-23	100.0	100.0	100.0	100.0	100.0	99.4	97.5	89.0	45.4	88.3	930
ALL HOURS	100.0	100.0	100.0	99.9	99.2	97.2	88.4	75.4	40.3	88.3	7440

OPERATING LOCATION *AM — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.9	85.6	50.3	83.9	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	87.7	54.7	89.6	900
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	90.2	58.4	90.1	899
09-11	100.0	100.0	100.0	100.0	100.0	99.8	96.3	81.7	41.9	87.2	900
12-14	100.0	100.0	100.0	100.0	100.0	98.8	90.3	63.9	23.9	82.4	900
15-17	100.0	100.0	100.0	100.0	100.0	99.1	95.4	76.3	29.8	84.9	900
18-20	100.0	100.0	100.0	100.0	100.0	99.3	96.2	83.3	45.7	87.5	900
21-23	100.0	100.0	100.0	100.0	100.0	99.9	97.4	85.0	49.0	88.2	900
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.6	96.2	81.6	44.2	88.2	7199

MONTH: DEC

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.5	96.4	84.8	49.0	88.5	924
03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.3	86.6	51.5	88.8	924
06-08	100.0	100.0	100.0	100.0	100.0	99.6	96.8	86.5	51.6	89.0	924
09-11	100.0	100.0	100.0	100.0	99.9	98.9	94.7	80.3	43.3	87.1	926
12-14	100.0	100.0	100.0	100.0	100.0	98.7	93.4	71.6	33.1	84.6	927
15-17	100.0	100.0	100.0	100.0	99.9	99.5	94.9	79.2	41.1	86.7	927
18-20	100.0	100.0	100.0	100.0	100.0	99.7	96.4	83.2	46.3	88.0	927
21-23	100.0	100.0	100.0	100.0	100.0	99.7	96.3	83.6	49.1	88.3	926
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.4	95.8	82.0	45.7	88.3	7405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.7	84.7	45.7	87.7	10870
03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.3	88.9	52.6	89.1	10867
06-08	100.0	100.0	100.0	100.0	100.0	99.5	94.8	80.7	45.6	87.1	10893
09-11	100.0	100.0	100.0	99.8	98.8	91.7	75.9	53.6	25.0	79.2	10919
12-14	100.0	100.0	99.9	99.0	94.0	81.6	62.2	38.4	15.7	73.6	10920
15-17	100.0	100.0	99.9	98.9	94.0	82.3	66.0	43.3	19.4	74.8	10910
18-20	100.0	100.0	100.0	99.9	98.4	93.3	81.2	59.5	27.9	80.8	10881
21-23	100.0	100.0	100.0	100.0	99.9	99.3	93.4	74.5	39.3	85.6	10874
ALL HOURS	100.0	100.0	100.0	99.7	98.1	93.4	83.4	65.8	33.6	82.2	87134

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT FFFFFFFFFF
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT FFFFFFFFFF
PP PP AA AA RR RR TT FF
PP PP AA AA RR RR TT FF
PPPPPPPPP AA AA RRRRRRRRR TT FFFFFF
PPPPPPPP AAAAAAAAAA RRRRRRRR TT FFFFFF
PP AAAAAAAAAA RR RR TT FF
PP AA AA RR RR TT FF
PP AA AA RR RR TT FF
PP AA AA RR RR TT FF

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.
IN MILLIBARS. TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.
IN INCHES OF MERCURY (HG). TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (HG). TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE, UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1015.4	1016.0	1015.5	1017.1	1017.1	1017.1	1015.9	1013.2	1015.7	1015.2	1013.5	1011.3	1015.2
	SD	14.931	14.653	11.181	10.440	8.054	8.272	7.714	8.067	7.869	10.766	13.503	14.904	11.329
	TOT OBS	310	283	310	300	310	300	310	309	300	310	300	310	3652
0300	MEAN	1015.3	1015.7	1015.1	1015.7	1015.7	1015.7	1014.6	1013.0	1015.2	1014.9	1013.1	1011.1	1014.8
	SD	14.880	14.734	11.132	10.474	8.107	8.343	7.767	8.124	7.991	10.897	13.590	14.817	11.364
	TOT OBS	310	283	310	300	310	300	310	309	299	310	300	310	3651
0600	MEAN	1015.1	1015.5	1014.9	1015.9	1015.6	1016.2	1014.7	1013.0	1015.1	1014.8	1013.2	1010.8	1014.8
	SD	14.891	14.833	11.310	10.429	8.204	8.354	7.963	8.163	8.180	10.945	13.382	14.729	11.393
	TOT OBS	310	283	310	300	310	300	309	310	300	310	299	310	3651
0900	MEAN	1015.7	1016.0	1015.3	1017.2	1017.1	1017.1	1015.3	1013.3	1015.6	1015.5	1013.6	1011.3	1015.2
	SD	14.950	14.833	11.461	10.453	8.232	8.426	8.114	8.230	8.227	10.973	13.516	14.748	11.445
	TOT OBS	310	283	310	301	310	300	310	310	300	309	300	310	3653
1200	MEAN	1015.7	1016.1	1015.2	1017.1	1017.0	1017.2	1015.0	1013.2	1015.5	1015.2	1013.3	1011.1	1015.1
	SD	15.013	14.722	11.497	10.383	8.167	8.406	8.095	8.146	8.091	10.984	13.544	14.709	11.432
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1500	MEAN	1015.2	1015.5	1014.9	1015.7	1016.0	1016.0	1014.7	1013.0	1015.1	1014.8	1012.9	1010.6	1014.7
	SD	14.893	14.499	11.351	10.335	7.957	8.331	8.004	7.953	7.880	10.742	13.457	14.679	11.308
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
1800	MEAN	1015.5	1015.9	1014.9	1015.7	1016.0	1015.9	1014.5	1013.3	1015.2	1015.1	1013.3	1010.9	1014.6
	SD	14.836	14.462	11.209	10.432	7.855	8.233	7.852	7.919	7.814	10.621	13.534	14.837	11.265
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
2100	MEAN	1015.6	1016.2	1015.5	1017.4	1017.2	1017.2	1015.2	1013.4	1015.5	1015.5	1013.6	1011.2	1015.3
	SD	14.929	14.665	11.152	10.442	7.984	8.111	7.795	8.057	7.868	10.706	13.667	14.849	11.311
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
ALL HOURS	MEAN	1015.5	1015.9	1015.1	1017.0	1016.7	1016.9	1014.9	1013.1	1015.4	1015.1	1013.3	1011.0	1015.0
	SD	14.922	14.654	11.295	10.427	8.064	8.321	7.901	8.080	7.996	10.833	13.526	14.786	11.358
	TOT OBS	2480	2264	2480	2401	2480	2400	2479	2479	2399	2479	2399	2480	29218

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34673 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: -0

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.97	29.99	29.97	30.03	30.03	30.03	29.97	29.92	29.99	29.97	29.91	29.85	29.97
	SD	.434	.432	.328	.307	.239	.246	.224	.237	.231	.318	.400	.437	.334
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	29.92	29.97	29.95	30.01	30.01	30.02	29.96	29.91	29.97	29.96	29.91	29.84	29.95
	SD	.425	.436	.333	.307	.241	.246	.226	.239	.236	.320	.402	.435	.332
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
0600	MEAN	29.96	29.97	29.96	30.01	30.02	30.02	29.96	29.91	29.97	29.96	29.91	29.84	29.96
	SD	.432	.437	.334	.305	.243	.244	.231	.240	.241	.322	.394	.432	.335
	TOT OBS	310	283	310	301	310	300	310	310	300	310	299	310	3653
0900	MEAN	29.93	29.98	29.97	30.03	30.03	30.03	29.97	29.92	29.98	29.98	29.92	29.85	29.96
	SD	.429	.439	.341	.305	.245	.251	.236	.242	.243	.323	.399	.433	.335
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
1200	MEAN	29.98	29.99	29.97	30.02	30.03	30.03	29.97	29.92	29.98	29.97	29.91	29.84	29.97
	SD	.441	.434	.337	.302	.243	.249	.235	.240	.237	.323	.400	.432	.336
	TOT OBS	310	283	310	313	310	300	310	310	300	310	300	310	3666
1500	MEAN	29.92	29.97	29.95	30.01	30.01	30.02	29.96	29.91	29.97	29.96	29.90	29.83	29.95
	SD	.428	.428	.338	.307	.235	.247	.232	.235	.231	.316	.396	.431	.330
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
1800	MEAN	29.97	29.98	29.96	30.01	30.01	30.01	29.96	29.92	29.97	29.97	29.91	29.84	29.96
	SD	.437	.426	.331	.306	.234	.242	.227	.234	.230	.313	.399	.435	.332
	TOT OBS	310	283	310	302	310	300	309	310	300	310	300	310	3654
2100	MEAN	29.93	29.98	29.98	30.03	30.03	30.03	29.97	29.92	29.99	29.98	29.92	29.85	29.97
	SD	.430	.427	.332	.302	.235	.243	.224	.237	.231	.315	.403	.436	.331
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
ALL HOURS	MEAN	29.95	29.98	29.96	30.02	30.02	30.02	29.96	29.91	29.98	29.97	29.91	29.84	29.96
	SD	.434	.432	.334	.306	.240	.247	.230	.238	.235	.319	.399	.434	.333
	TOT OBS	2356	2148	2356	2416	2479	2400	2479	2480	2400	2480	2399	2480	28874

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: + 0

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.73	29.74	29.73	29.78	29.76	29.78	29.73	29.68	29.75	29.73	29.67	29.61	29.72
	SD	.436	.429	.327	.305	.237	.242	.226	.236	.229	.316	.394	.435	.331
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	29.69	29.73	29.72	29.77	29.77	29.77	29.71	29.67	29.73	29.72	29.66	29.60	29.71
	SD	.425	.433	.330	.306	.233	.244	.228	.238	.233	.320	.397	.433	.330
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
0600	MEAN	29.72	29.73	29.71	29.77	29.77	29.78	29.71	29.67	29.73	29.72	29.66	29.59	29.71
	SD	.436	.434	.330	.306	.241	.245	.232	.239	.240	.321	.391	.431	.333
	TOT OBS	310	283	310	301	310	300	310	310	300	310	299	310	3653
0900	MEAN	29.69	29.74	29.72	29.78	29.78	29.79	29.72	29.67	29.74	29.73	29.68	29.61	29.72
	SD	.427	.435	.338	.306	.243	.246	.237	.241	.241	.323	.395	.432	.333
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
1200	MEAN	29.73	29.75	29.72	29.79	29.79	29.79	29.72	29.67	29.74	29.73	29.67	29.60	29.72
	SD	.440	.431	.336	.300	.240	.247	.236	.239	.236	.323	.396	.431	.334
	TOT OBS	310	283	310	313	310	300	310	310	300	310	300	310	3666
1500	MEAN	29.67	29.72	29.70	29.77	29.77	29.77	29.72	29.67	29.73	29.71	29.66	29.59	29.71
	SD	.426	.425	.336	.305	.234	.244	.233	.234	.231	.316	.393	.429	.329
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
1800	MEAN	29.73	29.74	29.71	29.77	29.77	29.77	29.71	29.66	29.73	29.73	29.67	29.60	29.71
	SD	.436	.424	.327	.304	.231	.239	.221	.232	.228	.312	.394	.433	.330
	TOT OBS	310	283	310	302	310	300	309	310	300	310	300	310	3654
2100	MEAN	29.69	29.74	29.73	29.79	29.79	29.79	29.73	29.68	29.75	29.73	29.68	29.60	29.72
	SD	.428	.424	.329	.306	.233	.240	.225	.236	.230	.314	.399	.436	.329
	TOT OBS	279	254	279	300	310	300	310	310	300	310	300	310	3562
ALL HOURS	MEAN	29.71	29.74	29.72	29.77	29.76	29.78	29.72	29.67	29.74	29.72	29.67	29.60	29.72
	SD	.433	.429	.332	.305	.237	.243	.231	.237	.234	.318	.395	.432	.331
	TOT OBS	2356	2148	2356	2415	2480	2400	2479	2480	2400	2480	2399	2480	28874

PPPPPPPP AAAAAA RRRRRRR IIIIIIIIII GGGGGG
PPPPPPPPP AAAAAAAA RRRRRRRR IIIIIIIIII GGGGGGGG
PP PP AA AA RR RR II GG GG
PP PP AA AA RR RR II GG
PPPPPPPPP AA AA RRRRRRRR II GG
PPPPPPPP AAAAAAAA RRRRRRR II GG GGGG
PP AAAAAAAAAA RR RR II GG GGGGG
PP AA AA RR RR II GG GG
PP AA AA RR RR II GGGGGGGG
PP AA AA RR RR II GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	20.9	4.1		930	19.9	3.9	.3	930	20.4	4.7	.2	930	24.0	4.4		930
CATEGORY B	20.9	4.1		930	19.9	3.9	.3	930	20.4	4.7	.2	930	24.0	4.4		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	28.3	5.5		930	25.8	4.9	.1	930	25.4	5.6	.1	930	24.8	5.5		930
CATEGORY B	28.3	5.5		930	25.8	4.9	.1	930	25.4	5.6	.1	930	24.8	5.5		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	24.8	5.0	.1	4650	23.7	4.8	.1	7440
CATEGORY B	24.8	5.0	.1	4650	23.7	4.8	.1	7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 040-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 — MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	15.0	2.7		849	14.8	1.6		849	14.3	2.2		849	19.7	4.6		849
CATEGORY B	15.0	2.7		849	14.8	1.6		849	14.3	2.2		849	19.7	4.6		849

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	25.0	4.9	.1	849	20.4	4.0	.1	849	17.7	3.7	.1	849	15.1	3.3		849
CATEGORY B	25.0	4.9	.1	849	20.4	4.0	.1	849	17.7	3.7	.1	849	15.1	3.3		849

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	19.4	3.9	.1	4245	17.7	3.4	.0	6792
CATEGORY B	19.4	3.9	.1	4245	17.7	3.4	.0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 56 - MAR 66
LST TO UTC: - 0 MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	14.7	1.8		930	15.2	2.3	.1	930	14.8	2.8		930	24.3	3.4	.1	930
CATEGORY B	14.7	1.8		930	15.2	2.3	.1	930	14.8	2.8		930	24.3	3.4	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	31.6	4.9		930	28.9	4.5		930	18.6	2.3		930	16.3	1.7		930
CATEGORY B	31.6	4.9		930	28.9	4.5		930	18.6	2.3		930	16.3	1.7		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	23.7	3.6	.0	4650	20.6	3.0	.0	7440
CATEGORY B	23.7	3.6	.0	4650	20.6	3.0	.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	10.9	.6		900	10.2			900	16.7	.6		900	25.6	2.7		900
CATEGORY B	10.9	.6		900	10.2			900	16.7	.6		900	25.6	2.7		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	28.1	2.4		900	26.0	2.3		900	14.9	1.2	.2	900	12.0	1.6	.2	900
CATEGORY B	28.1	2.4		900	26.0	2.3		900	14.9	1.2	.2	900	12.0	1.6	.2	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	22.2	1.8	.0	4500	18.0	1.4	.1	7200
CATEGORY B	22.2	1.8	.0	4500	18.0	1.4	.1	7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS
MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 — MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	9.7	1.0	.1	930	11.7	.6		930	19.5	1.4		930	25.9	3.7		930
CATEGORY B	9.7	1.0	.1	930	11.7	.6		930	19.5	1.4		930	25.9	3.8		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	27.3	3.3		930	26.5	3.9		930	18.5	1.7		930	11.1	1.3	.1	930
CATEGORY B	27.3	3.3		930	26.5	3.9		930	18.5	1.7		930	11.1	1.3	.1	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	23.6	2.8		4650	18.8	2.1	.0	7440
CATEGORY B	23.6	2.8		4650	18.8	2.1	.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	8.4	.7		897	8.3	.4		900	15.3	1.8		900	20.8	2.8		900
CATEGORY B	8.4	.7		897	8.3	.4		900	15.3	1.8		900	20.8	2.8		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	20.9	2.4		900	21.7	3.2	.1	900	13.4	1.9	.1	900	8.2	.9		898
CATEGORY B	20.9	2.4		900	21.7	3.3	.1	900	13.4	1.9	.1	900	8.2	.9		898

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	18.4	2.4	.0	4500	14.6	1.8	.0	7195
CATEGORY B	18.4	2.4	.0	4500	14.6	1.8	.0	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	7.0	.8		930	7.8	.9	.1	930	14.5	1.4		929	21.2	2.6	.4	930
CATEGORY B	7.0	.8		930	7.8	.9	.1	930	14.5	1.4		929	21.2	2.6	.4	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	20.3	2.4	.1	930	18.3	1.1		930	11.9	.3		930	8.1	.8		930
CATEGORY B	20.3	2.4	.1	930	18.3	1.1		930	11.9	.3		930	8.1	.8		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	17.3	1.5	.1	4643	13.6	1.3	.1	7439
CATEGORY B	17.3	1.5	.1	4643	13.6	1.3	.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	6.9	.9		930	6.0	.9		930	8.8	1.4		930	17.8	1.8	.2	930
CATEGORY B	6.9	.9		930	6.0	.9		930	8.8	1.4		930	17.8	1.8	.2	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	20.3	3.2	.2	930	16.2	2.8		930	11.7	1.6		930	7.8	1.5		930
CATEGORY B	20.3	3.2	.2	930	16.2	2.8		930	11.7	1.6		930	7.8	1.5		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	15.0	2.2	.1	4650	12.0	1.7	.1	7440
CATEGORY B	15.0	2.2	.1	4650	12.0	1.7	.1	7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS
MAGNETIC RUNWAY HEADING: 060-260

STATION NUMBER: 36873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	9.2	1.7	.1	900	11.1	1.7	.1	900	15.0	1.7		900	20.9	2.6		900
CATEGORY B	9.2	1.7	.1	900	11.1	1.7	.1	900	15.0	1.7		900	20.9	2.6		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	23.3	3.2	.1	900	19.4	2.1		900	10.8	1.4		900	11.1	1.8		900
CATEGORY B	23.3	3.2	.1	900	19.4	2.1		900	10.8	1.4		900	11.1	1.8		900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	17.9	2.2	.0	4500	15.1	2.0	.0	7200
CATEGORY B	17.9	2.2	.0	4500	15.1	2.0	.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK
LST TO UTC: - 0

PERIOD OF RECORD: APR 54 - MAR 64
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	16.0	4.2	.4	930	16.5	4.1	.3	930	17.3	4.0	1.0	930	24.0	4.8	.4	930
CATEGORY B	16.0	4.2	.4	930	16.5	4.1	.3	930	17.3	4.0	1.0	930	24.0	4.8	.4	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	26.1	5.7		930	23.5	4.9	.5	930	20.1	4.5	.9	930	17.5	4.1	.6	930
CATEGORY B	26.1	5.7		930	23.5	4.9	.5	930	20.1	4.5	.9	930	17.5	4.1	.6	930

TIME (LST)	0600 - 2059				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	22.3	4.6	.5	4650	20.2	4.4	.5	7440
CATEGORY B	22.3	4.6	.5	4650	20.2	4.4	.5	7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34373 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0300 - 0500				0500 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	19.4	4.8	.6	900	19.2	4.1	.4	900	19.4	4.3	.2	899
CATEGORY B	19.4	4.8	.6	900	19.2	4.1	.4	900	19.4	4.3	.2	899

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	27.1	5.4	.1	900	23.6	4.2	.2	900	22.4	5.1	.4	900	21.4	4.8	.3	900
CATEGORY B	27.1	5.4	.1	900	23.6	4.2	.2	900	22.4	5.1	.4	900	21.4	4.8	.3	900

TIME (LST)	0600 - 2300				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	-6.7	-1.4	-.1	-13000	-12.4	-2.6	-.2	-12669
CATEGORY B	23.0	4.6	.3	7199	21.3	4.6	.3	7199

OPERATING LOCATION "a"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	17.1	3.4	.1	930	20.3	3.8	.3	930	20.4	6.1	.3	930	22.4	5.3	.1	930
CATEGORY B	17.1	3.4	.1	930	20.3	3.8	.3	930	20.4	6.1	.3	930	22.4	5.3	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	24.2	5.4	.3	930	20.8	4.4		930	17.5	4.1	.1	930	17.6	2.9		930
CATEGORY B	24.2	5.4	.3	930	20.8	4.4		930	17.5	4.1	.1	930	17.6	2.9		930

TIME (LST)	0000 - 2300				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	21.1	5.1	.2	4650	20.0	4.4	.2	7440
CATEGORY B	21.1	5.1	.2	4650	20.0	4.4	.2	7440

OPERATING LOCATION "AW" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS
MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK — PERIOD OF RECORD: APR 54 - MAR 64
LST TO UTC: - 0 — MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	12.9	2.2	.1	10956	13.4	2.0	.1	10959	16.4	2.7	.1	10957	-27.6	-4.4	-.2	-8909
CATEGORY B	12.8	2.2	.1	10956	13.4	2.0	.1	10959	16.4	2.7	.1	10957	22.4	3.6	.1	10959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	25.3	4.1	.1	10959	22.6	3.6	.1	10957	15.9	2.8	.2	10959	14.3	2.5	.1	10957
CATEGORY B	25.3	4.1	.1	10959	22.6	3.6	.1	10959	15.9	2.8	.2	10959	14.3	2.5	.1	10957

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE16	GE25	OBS	GE10	GE16	GE25	OBS
CATEGORY A	32.5	5.2	.2	34325	23.3	3.8	.2	67797
CATEGORY B	29.7	4.3	.1	54743	13.0	2.9	.1	87665

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT HH HH
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT HH HH
PP PP AA AA RR RR TT HH HH
PP PP AA AA RR RR TT HH HH
PPPPPPPPP AA AA RRRRRRRRR TT HHHHHHHHHH
PPPPPPPP AAAAAAAAAA RRRRRRRR TT HHHHHHHHHH
PP AAAAAAAAAA RR RR TT HH HH
PP AA AA RR RR TT HH HH
PP AA AA RR RR TT HH HH
PP AA AA RR RR TT HH HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.
CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.
ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.
ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 34873 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: JUN 50 - MAR 64
LST TO UTC: - 0

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1950	****	****	****		****	****	116	110	273	462	647	943	2551
1951	803	741	777	622	468	278	108	170	207	460	560	727	5921
1952	846	773	652	465	278	179	93	79	374	501	727	842	5809
1953	837	695	690	586	337	245	132	90	219	407	533	606	5377
1954	847	828	708	596	377	228	197	173	289	328	596	674	5841
1955	880	856	854	468	477	250	129	70	208	471	540	694	5897
1956	811	951	635	650	314	302	136	234	192	465	656	690	6116
1957	697	661	511	522	440	190	90	149	294	386	601	758	5299
1958	845	680	812	599	376	249	124	120	172	399	588	737	5701
1959	905	669	594	444	340	150	69	56	128	282	616	664	4915
1960	786	739	681	493	293	132	144	147	235	404	572	760	5386
1961	812	577	536	411	393	154	141	121	131	359	592	807	5039
1962	745	686	823	557	429	222	207	181	270	392	650	860	6022
1963	1075	937	672	513	417	196	147	233	305	436	564	843	6343
1964	905	731	****										1636
MEAN	846	753	691	496	390	213	130	138	235	410	603	757	
SD	35.37	111.96	105.74	152.37	64.96	51.73	37.67	57.09	69.69	60.55	52.69	92.16	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 34973 STATION NAME: RAF SCULTHORPE UK PERIOD OF RECORD: JUN 50 - MAR 64
LST TO UTC: - 0

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1950						****	13	5					18
1951							8	5	6				19
1952						25	56	13					94
1953					3		5	25	1				34
1954					3		2	6	4				15
1955						1	11	46	7				65
1956							10		2				12
1957						26	11	4					41
1958							4	5	13				22
1959					1	16	58	53	7	5			140
1960						16		2					18
1961						15	13	16	15	1			60
1962						2			1				3
1963							5						5
MEAN					0	7	14	12	4	0			
SD					.85	10.23	18.73	17.06	4.98	1.34			

A W S — STATION NAME: RAF SCULTHORPE UK — FIELD ELEV: 214 FT

CLIMATIC BRIEF — LATITUDE/LONGITUDE: 52 50 N 000 45 E — STATION NBR: 034670

HOURLY OBS POR: APR 54 - MAR 64 — CALL SIGN: EGUP

SUMMARY OF DAY POR: JUN 50-MAR 64, JUN 88-DEC 88

HOURS SUMMARIZED: 0000 - 2300 LST — SUPERCEDES: JAN 78

APR 89 — LST TO UTC: +00

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	FOR
EXTRM MAX TEMP (F)	57	62	68	74	83	89	89	90	83	80	62	59	90	30
MEAN MAX TEMP (F)	41.0	42.0	47.3	52.8	58.9	65.0	67.4	67.5	63.2	56.7	48.3	44.0	54.7	15
MEAN TEMP (F)	37.3	37.8	41.8	46.7	52.2	57.3	60.7	60.5	56.8	51.2	44.2	40.1	49.2	15
MEAN MIN TEMP (F)	33.1	33.0	36.3	40.1	44.9	50.4	53.6	53.1	49.9	45.3	39.6	35.7	43.1	15
EXTRM MIN TEMP (F)	10	6	18	26	28	37	43	41	37	30	21	20	6	30
D/W TEMP GE 75 (F)	0	0	0	0	1	3	4	3	1	1	0	0	13	15
D/W TEMP GE 70 (F)	0	0	0	1	2	7	10	10	4	1	0	0	35	15
D/W TEMP LT 33 (F)	12	13	9	1	#	0	0	0	0	#	3	9	49	15
D/W TEMP LT 25 (F)	2	2	1	0	0	0	0	0	0	0	0	1	6	15
HEATING DEGREE DAYS	806	753	691	496	380	213	130	138	235	410	603	757	5652	15
COOLING DEGREE DAYS	0	0	0	0	#	7	14	12	4	#	0	0	37	15
MEAN DEWPOINT TEMP (F)	33.6	33.5	35.9	39.7	43.6	49.4	53.1	53.2	50.8	46.8	40.7	36.7	43.1	10
MEAN WET BULB TEMP (F)	35.7	36.0	38.9	43.2	47.6	53.0	56.0	55.9	53.4	49.0	42.6	38.7	45.9	10
99.95% WCPA (FT)	1500	1500	1200	1100	850	900	900	950	900	1150	1450	1600	1200	10
MEAN REL HUM 07 LST(%)	88.8	87.5	87.7	85.2	80.7	81.3	85.4	88.8	89.5	90.8	90.1	89.0	87.1	10
MEAN REL HUM 13 LST(%)	84.0	80.0	72.7	67.4	64.9	66.4	68.9	69.1	69.0	74.9	82.4	84.6	73.6	10
MAX 24HR PRECIP (IN)	.84	2.03	.81	.73	.99	1.34	1.63	1.48	1.24	1.20	1.02	1.32	2.03	15
MAX PRECIP (IN)	4.20	6.76	3.11	2.61	3.15	3.23	3.67	4.77	4.21	5.11	4.37	5.06	32.70	15
MEAN PRECIP (IN)	2.41	2.01	1.83	1.37	1.74	1.56	2.19	2.39	2.18	2.02	2.38	2.31	25.21	15
MIN PRECIP (IN)	.48	.18	.69	.45	.52	.37	.10	.13	.06	.61	.57	.81	16.74	15
D/W PRECIP GE .01 (IN)	17	14	13	12	12	10	13	13	12	13	15	14	158	15
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	1	1	1	1	1	12	15
MAX 24HR SNFL (IN)	7.2	9.0	4.0	1.8	#	0	0	0	0	#	.9	3.0	9.0	15
MAX SNFL (IN)	15.2	20.9	6.3	1.8	#	0	0	0	0	#	.9	6.8	31.4	15
MEAN SNFL (IN)	5.1	7.1	1.5	.4	#	0	0	0	0	#	.1	1.7	16.2	15
D/W SNFL GE .1 (IN)	4	5	2	1	0	0	0	0	0	0	1	1	14	15
D/W SNFL GE 1.5 (IN)	1	2	1	#	0	0	0	0	0	0	0	1	5	15
MAX DLY SNO DEPTH (IN)	7	13	4	#	0	0	0	0	0	0	#	2	13	15
MEAN SFC WND DIR (DEG)	240	240	150	060	240	240	240	240	240	240	240	240	240	10
MEAN WND SPD (KTS)	10.4	9.6	9.7	9.6	9.6	9.0	8.8	8.5	8.5	9.2	8.9	9.8	9.3	10
MAX WND SPD (KTS)	58	47	53	57	44	31	39	49	46	58	56	65	65	30
SKY COVER GT 1/2 (%)	71.0	73.1	72.0	73.4	68.0	68.5	74.0	73.0	67.0	66.6	73.0	69.7	70.9	10
D/W THUNDERSTORMS	#	1	1	1	2	2	4	2	1	1	1	#	16	15
D/W FOG (VSBY LT 7 MI)	18	15	17	10	9	9	12	14	15	18	18	20	175	15

LEGEND: ANN = ANNUAL — POR/YOR = PERIOD/YEARS OF RECORD

D/W = MEAN NUMBER OF DAYS WITH — WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

& = BASED ON LESS THAN FULL MONTHS — # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

** = INSTANTANEOUS PEAK WINDS — % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

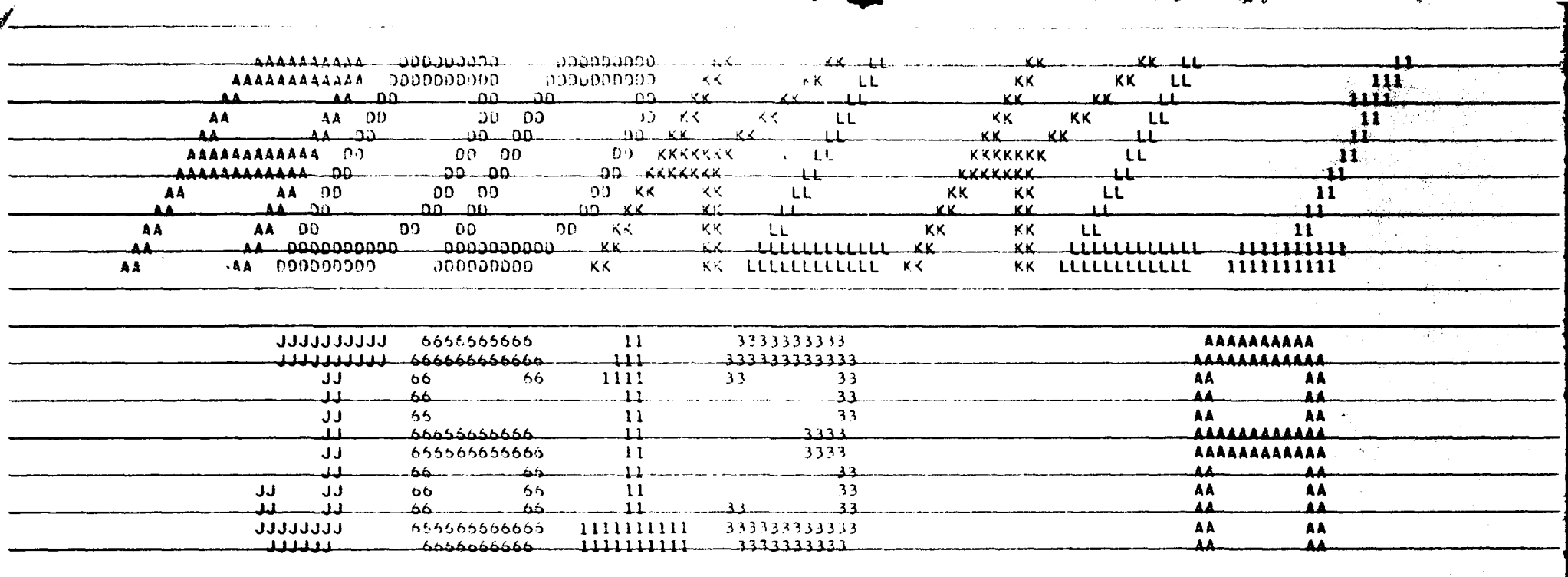
* = DATA NOT AVAILABLE — WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	00 - 02	57.3	54.3	42.2	31.0	22.6	24.3	26.9	26.0	27.4	37.6	48.2	50.1	37.3	10
	03 - 05	57.4	55.1	47.2	42.3	33.9	32.1	38.4	36.3	39.2	46.2	48.6	48.9	42.8	10
CIG	06 - 08	60.1	57.8	50.0	48.4	38.0	35.5	42.3	41.7	46.3	54.2	56.0	50.6	49.2	10
LT 3000 FT	09 - 11	57.8	59.6	57.6	48.2	44.3	38.2	46.7	40.3	35.7	46.2	55.1	49.1	48.2	10
AND/OR	12 - 14	55.4	54.9	49.6	42.8	37.2	31.0	38.0	33.3	30.9	43.0	48.3	46.9	42.6	10
VSBY	15 - 17	57.1	50.6	44.3	31.6	28.8	21.3	23.8	21.5	20.6	33.4	49.6	53.0	36.3	10
LT 3 MI	18 - 20	55.7	50.2	39.8	31.5	23.2	17.2	22.7	20.6	22.2	33.8	47.4	47.7	34.3	10
	21 - 23	52.7	51.2	38.9	31.2	22.2	21.3	26.2	23.5	22.2	36.4	45.4	47.3	34.7	10
	ALL	56.7	54.2	47.4	38.5	31.2	27.6	33.1	30.4	30.6	41.1	49.8	49.2	40.8	10
	00 - 02	46.5	39.1	31.7	19.9	14.6	18.3	19.7	21.0	21.3	29.6	35.7	40.6	28.2	10
	03 - 05	44.8	42.6	34.8	30.0	23.4	26.7	31.4	30.4	31.3	37.4	36.7	39.7	34.1	10
CIG	06 - 08	46.5	44.3	46.0	34.0	24.7	26.6	33.1	36.3	39.6	46.7	45.3	40.5	38.7	10
LT 1500 FT	09 - 11	47.1	46.3	39.8	23.9	18.6	21.0	23.9	22.7	22.8	35.9	44.4	40.5	32.3	10
AND/OR	12 - 14	44.3	39.2	28.0	15.2	13.0	14.1	14.1	13.3	10.6	23.2	33.1	38.7	23.9	10
VSBY	15 - 17	47.4	36.3	24.5	12.5	12.2	10.9	12.2	10.2	11.0	20.1	36.0	42.7	23.0	10
LT 3 MI	18 - 20	46.0	35.6	28.2	18.0	13.2	10.8	13.9	14.0	14.8	24.1	34.3	37.2	24.2	10
	21 - 23	43.3	38.4	28.5	18.8	12.9	15.6	17.8	17.0	15.9	27.0	33.1	37.7	25.5	10
	ALL	45.7	40.3	32.7	21.5	16.6	18.0	20.8	20.6	20.9	30.5	37.3	39.7	28.7	10
	00 - 02	31.1	25.8	21.0	14.2	9.9	13.1	13.4	16.2	14.0	20.2	24.1	26.8	19.1	10
	03 - 05	33.0	27.8	25.5	18.8	14.5	19.3	21.3	21.1	22.8	24.7	25.4	24.5	23.2	10
CIG	06 - 08	33.4	30.7	32.6	23.5	15.5	17.9	20.2	24.3	28.3	34.9	30.4	27.6	26.6	10
LT 1000 FT	09 - 11	31.8	32.7	24.7	13.2	10.1	12.9	12.7	12.9	12.2	19.8	27.8	30.3	20.1	10
AND/OR	12 - 14	30.8	24.6	13.8	7.5	5.6	9.1	9.1	6.8	5.6	12.6	18.8	26.0	14.1	10
VSBY	15 - 17	30.2	22.1	13.3	6.9	6.0	8.0	6.5	6.7	5.7	10.8	19.8	27.0	13.6	10
LT 2 MI	18 - 20	29.1	21.7	16.6	9.6	6.9	8.7	9.0	8.8	9.1	15.4	20.6	23.4	14.9	10
	21 - 23	28.9	22.0	18.3	11.9	9.5	11.3	12.9	12.9	10.0	17.8	21.6	25.3	16.9	10
	ALL	31.0	25.9	20.7	13.2	9.7	12.5	13.0	13.7	13.5	19.5	23.5	26.4	18.5	10
	00 - 02	8.4	8.7	5.3	2.5	2.3	3.6	3.4	5.1	4.8	7.8	6.3	10.8	5.8	10
	03 - 05	10.3	10.4	8.3	4.0	2.2	4.2	5.1	7.7	6.8	9.6	9.9	10.9	7.5	10
CIG	06 - 08	11.4	10.7	8.9	3.5	1.8	2.7	1.9	3.9	7.8	9.8	11.5	11.0	7.1	10
LT 200 FT	09 - 11	10.6	8.1	2.3	.4	.4	.1	.3	.2	.6	2.7	7.2	7.8	3.4	10
AND/OR	12 - 14	8.2	3.9	.4	.1	.2	.2	.1	.5	.0	.5	2.7	4.8	1.8	10
VSBY	15 - 17	8.3	3.4	.9	.5	.0	.4	.2	.5	.0	.6	3.1	6.0	2.0	10
LT 1/2 MI	18 - 20	8.1	3.2	2.6	.7	.3	.9	1.2	1.2	.2	2.6	5.9	6.7	2.8	10
	21 - 23	9.6	4.5	4.3	1.5	1.0	2.4	3.3	3.1	2.8	6.6	5.8	8.3	4.5	10
	ALL	9.4	6.7	4.1	1.7	1.1	1.8	1.9	2.8	2.9	5.0	6.5	8.3	4.3	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900-1986: NONE

REMARKS: EXTREME TEMPERATURE AND MAX WIND SPEED DATA WERE SUPPLEMENTED WITH DATA FROM RAF MARHAM (POR 7301-8712) AND HOLBEACH RANGE (POR 7001-7303). MAX WIND SPEED INFORMATION WAS ALSO OBTAINED FROM THE HOURLY DATA FROM RAF SCULTHORPE (POR 5006-6403). RAF SCULTHORPE SUMMARY OF DAY MAX WIND DATA WERE EXTREMELY LIMITED.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