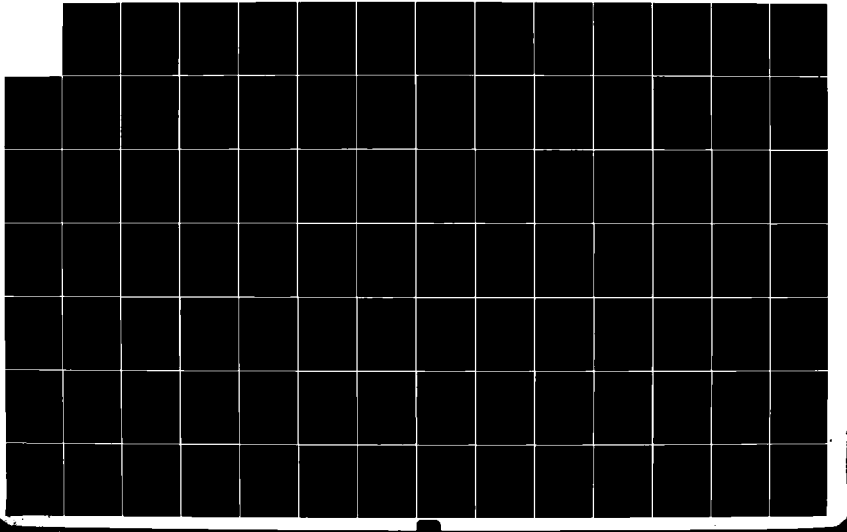
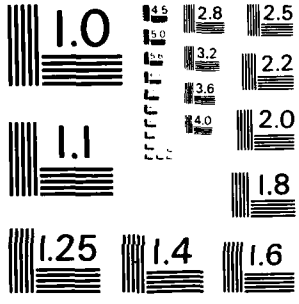
AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY 1/5
OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

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1. REPORT NUMBER: 83-014 USAFETAC/DS	2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE *(and Subtitle)*: Revised Uniform Summary of Surface Weather Observations (RUSSWO)- BRIZE NORTON RAF, UNITED KINGDOM	5. TYPE OF REPORT & PERIOD COVERED: Final rept
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17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

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

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

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

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

BRIZE NORTON RAF, UNITED KINGDOM

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

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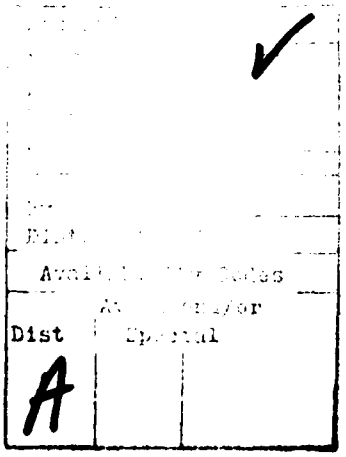
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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*UNITED KINGDOM

*BRIZE NORTON RAF
*

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





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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH · DATA NOT AVAILABLE

PARTC SURFACE WINDS DATA NOT AVAILABLE

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE DATA NOT AVAILABLE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

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

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

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Brize Norton RAF UK	RAF	Apr 51	Jul 51	51 45 N	001 35 W	283	283	0
2	Same	RAF	Aug 51	Apr 55	Same	Same	Same	Same	24
3	Same	RAF	May 55	Dec 55	Same	Same	Same	277	24
4	Same	RAF	Dec 55	Jul 56	Same	Same	Same	Same	Deact
5	Same	RAF	Aug 56	Nov 56	Same	Same	284	Same	13
6	Same	RAF	Dec 56	Mar 57	Same	Same	Same	Same	24
7	Same	RAF	Apr 57	Feb 61	Same	Same	287	294	24
8	Same	RAF	Mar 61	Mar 64	Same	Same	Same	336	24
9	Same	RAF	Apr 64	Apr 65	Same	Same	Same	300	24
10	Same	RAF	Apr 65		Same	Same	285	Same	Deact
11	Same	RAF	Apr 65	Mar 83	Same	Same	Same	Same	24*

*Obs taken by RAF personnel.

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 53	Atop control tower	AN/GMQ-1	None	50	
2	Mar 54	Atop hangar 75 Ft W of WX Stn	Same	None	52	
3	May 55	Same	Same	None	70	
4	Sep 56	Atop hangar 29 100 Ft W of WX Stn	Same	None	75	
5	Apr 57	1/2 mi S of WX station	AN/GMQ-11	None	13	
6	Apr 58	Same	Same	GMQ-11	15	
7	27Apr83	Unknown	Unknown	Unknown	Unknown	

CONTINUED ON REVERSE SIDE

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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WEATHER CONDITIONS

...BRIZE NORTON RAF UK — 73-81 — JAN
STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH FREQ	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH VIS	TOTAL NO OBS
JAN	0-5	.1	14.5		2.5		1..	15.6	6.3			5..	
	6-11		13.1	.1	2..		14..	16.4	7.7			.	
	12-17		13.3	..	2..		15.2	18.3	7..			..	.7
	18-23		13.1		3.4		1..2	15.1	6..			1..	.77
	0-23	.1	13.3	.1	3.7		1...	8..	6..			..	
	0-11	.1	13..		3.4	.1	1..5	8.1	1..3			1..	
	12-23		13.5		1.8		13.7	15.9	1..2			3...	
	0-23		13..		2.9		15..	15.2	6.5			24..	5.9
		.0	13..	.1	2.7	..	15..	14.4	8.5			12..	7 79

...ARE PRELIMINARY AND SUBJECT TO REVISION WHEN FINAL DATA BECOME AVAILABLE

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WEATHER CONDITIONS

...BRICE NORTON RAF UK (STATION NAME) 73-87 (YEARS) ... (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	FOG OR ICE FOG OR FREEZING FOG		THUNDER AND/OR LIGHTNING	BLOWING SNOW	DUST AND/OR SAND		TOTAL NUMBER OF REPORTS
FEB	00-02		14.7	1.3	1.6		15.3	14.3	10.4			31.0	9189
	03-05		15.6	.8	2.9		17.2	19.1	9.7			37.0	9332
	06-08		13.0	1.3	2.6		10.9	11.3	13.5			41.0	9336
	09-11		14.4	.7	3.8		16.8	15.2	11.6			37.0	9336
	12-14		10.5	.2	2.9		11.7	6.1	16.7			24.0	9323
	15-17		12.1		2.9		17.7	3.1	15.9			32.0	9332
	18-20		13.4	.1	1.6		14.7	7.7	19.5			37.2	9335
	21-23		13.1	1.2	3.0		13.7	12.9	17.9			33.7	9347
			14.2	.7	2.7		17.4	12.5	13.2			31.7	06682

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WEATHER CONDITIONS

...-45" BRICE NORTON RAF UK 73-8? MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MAR	07-0...		10.4		1.7		17.4	7.9	10..			?3.	?1F
	0?-0..		10.5		2.4		17.5	1?.4	15.7			?7..	?.9
	0?-1.		17.8		3.7	.1	19.9	13..	14.3			?7.3	?1?
	1?-1..		10.1		3.4		?0.3	3.8	14.1			17.8	?14
	1.-14	.2	19.		1.6	..	?0.2	.2	11.?			11..	?.5
	1.-17		?1.6		..3	.2	23.4	.4	?.5			1 .	?17
	1?-2.		17..		1.5	.2	18.7	1.2	12.4			13..	?21
	?1-2?		10.9		1.9		16.?	3.6	14.1			17..	?1?
		.3	17.8		2.4	.1	19.3	5.4	13.4			1..?	7?.?

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WEATHER CONDITIONS

...4/7 BRIZE NORTON RAF UK 73-8? APR
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	HOUR	THUNDER	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	ICE PELLETS WITH FREEZING	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	SURFACE WIND SPEED	TOTAL NO. OF OBS.
APR	00-02		11.1		.6		11.5	4.7	17.3			7.6	849
	03-05		10.0		.7		10.6	3.3	18.9			8.2	784
	06-08		12.7		.6		13.3	12.3	26.3			9.3	784
	09-11		14.1		1.3		11.5	1.8	15.8			17.5	856
	12-14	.1	10.5		.6		11.0	.1	12.2			11.3	773
	15-17		7.4		.6	.2	10.2	.1	6.7			6.5	863
	18-20		6.7		.7		7.5	.7	8.1			5.8	865
	21-23		8.8		.5		9.3	1.6	11.9			13.4	889
		.0	10.3		.6	.0	10.5	3.6	13.6			17.2	7273

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK 73-82 MAY
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR FREEZING DRIZZLE	SNOW AND OR SLEET	HAIL	% OF BOTH PRECIP	FOG	SNOW AND/OR HAIL	BLOWING SNOW	DUST AND/OR SAND	FOG WITH VISIBILITY	TOTAL NO. OF OBS
MAY	00-02		11.3		.1		11.4	7.7	12.2			19.9	918
	03-05	.1	11.3				11.3	15.6	13.6			25.4	922
	06-08	.1	11.2				11.2	9.3	17.1			25.3	918
	09-11	.1	12.3				12.3	.5	9.9			10.5	917
	12-14	.1	13.2		.1		13.3		6.3			6.3	917
	15-17	.4	13.6		.4	.2	14.1		4.3			4.3	912
	18-20	.2	10.9				10.9	.1	5.0			5.1	916
	21-23		12.7		.2		12.3	2.1	7.8			9.8	916
		.1	11.9		.1	.0	12.0	4.4	9.6			14.0	7301

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MO	HR	THUNDER OR LIGHTNING	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	RESTRICTED VISIBILITY	TOTAL NO. OF OBS
JUN	[illegible]	.3	7.6				7.6	3.3	14.1			[illegible]	372
	03-06	.3	11.1				11.1	17.1	11.8			[illegible]	375
	06-09	.2	12.2				12.2	4.5	15.6			[illegible]	377
	[illegible]-11	.2	1[illegible].7				1[illegible].7	.2	6.3			[illegible]	369
	12-14	.5	6.7				6.7	.3	3.6			[illegible]	355
	15-17	.9	11.[illegible]				11.3	.2	3.3			[illegible]	373
	18-20	.2	11.6				11.6		2.5			[illegible]	387
	21-23	.3	8.8				8.8	1.7	9.1			1[illegible]	387
[illegible]		.4	1[illegible].2				10.2	3.3	8.3			12.4	6[illegible]84

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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK 73-87 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SAND	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OBS
JUL	00-02	.1	6.7				6.7	4.5	6.4			17.[illegible]	897
	03-[illegible]	.3	6.9				6.9	13.6	11.2			28.[illegible]	905
	06-08	.2	10.7				10.7	4.5	1[illegible].4			16.7	877
	9-[illegible]	.4	6.5				6.8	.8	5.7		.1	6.5	901
	12-14	.3	7.3				7.3	.4	3.[illegible]			7.1	876
	15-17	.2	6.1				6.1		1.9			1.9	906
	18-2[illegible]	.3	7.4				7.4		1.3			1.[illegible]	869
	21-23	.3	7.5				7.5	.7	7.2			7.8	892
		.3	7.[illegible]				7.[illegible]	2.7	6.3		.2	7[illegible].	7143

[illegible]

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WEATHER CONDITIONS

BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH RESTRICTION	TOTAL NUMBER OBS
AUG	00-03	.3	10.2				10.6	4.6	15.5			34.1	664
	04-06	.6	11.2				11.2	15.6	18.3			30.3	715
	09-12	.3	11.5				11.5	13.1	17.3			31.9	679
	13-14	.2	9.1				8.3	.7	10.4			17.1	597
	15-16	.2	9.1				9.1		8.7			17.7	592
	17-17	.2	12.1				12.1	.1	9.8			19.9	593
	18-20	.5	10.1				10.1	.7	8.5			20.2	863
	21-23	.4	8.1				8.1	1.7	13.5			15.2	891
AVG		.3	10.2				10.6	4.6	13.1			17.6	7123

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — STATION NAME — 73-82 — YEARS — SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOUR	LST	THUNDER & LIGHTNING	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	RAIN WITH OTHER PRECIP	TOTAL NO. OBS
SEP	0-02	.6	11.7				11.7	9.2	13.5			[illegible]	879
	3-05	.1	11.7				11.7	20.0	10.6			[illegible]	878
	06-08		11.7				11.7	19.2	10.9			[illegible]	866
	09-11		9.2				9.2	1.5	12.1			[illegible]	876
	12-14	.2	9.7				9.7	.1	5.2			[illegible]	873
	15-17	.2	11.1				11.1	.1	5.3			[illegible]	886
	18-20	.2	11.6				11.6	.7	10.3			[illegible]	873
	21-23	.6	11.9				11.9	2.1	13.7			[illegible]	875
[illegible]		.3	11.1				11.1	6.5	10.3			[illegible]	7106

NOTE: [illegible] OF A [illegible] THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK 73-80 OCT
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	HOUR	THUNDER (ANY)	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH FREEZ	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-01		14.2				14.2	18.3	9.4			37.4	927
	03-04		13.6				13.6	24.3	7.2			31.5	922
	06-07		14.2				14.2	24.2	9.3			33.5	917
	09-10		13.2				13.2	13.1	13.5			25.6	922
	12-13		14.5				14.5	1.9	11.7			13.3	911
	15-16		10.6				10.6	.7	9.7			11.4	925
	18-19		13.5				13.5	5.2	11.5			16.7	917
	21-22		13.3				13.3	11.6	11.2			22.	917
[illegible]			1..				13.3	12.1	10.3			22.3	7?.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

748 BRIZE NORTON RAF UK 73-87 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER (ANY)	RAIN AND/OR DRIZZLE	FREEZING RAIN OR FREEZING DRIZZLE	SNOW AND/OR SLEET	HAIL	NOT USED	FOG	MIST AND/OR HAZE	BLOWING SAND OR DUST	SMOKE AND/OR HAZE	FOG WITH VISIBILITY LESS THAN 1/2 MILE	TOTAL NUMBER OF OBS
NOV	00-02		14.7				14.2	14.6	7.4			24.2	564
	03-05		14.3		.4		14.7	15.4	8.3			23.7	552
	06-08		10.6		.3		10.6	15.6	7.2			22.9	484
	09-11		14.1		.7		14.4	15.6	9.6			21.1	489
	12-14		11.3		.3		13.2	4.7	7.9			12.4	486
	15-17	.2	14.3		.1		14.3	5.2	8.9			14.2	497
	18-20		15.1				13.1	8.7	9.9			14.6	485
	21-23		14.0				11.2	12.7	9.4			22.1	462
TOTAL		.0	13.9		.2		14.2	11.2	8.5			21.0	7193

AFWA FORM 3, 3 SEP 81 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7645 BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOUR	HOURS (GMT)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		16.9	.2	4.3		19.9	18.4	9.2			37.8	918
	03-05	.1	16.5		2.5		18.9	16.7	10.4			27.1	916
	06-08		17.7		2.1		19.8	17.8	7.8			25.7	920
	09-11		16.5		2.6		17.8	13.4	8.4			21.8	918
	12-14		14.7		2.4		16.9	7.6	10.9			19.5	925
	15-17		15.7		2.5	.1	18.2	9.2	12.2			21.4	913
	18-20		15.4		1.6		16.7	14.9	11.5			25.4	915
	21-23		14.2		2.3		16.8	17.6	9.7			27.3	916
TOTAL		.0	15.1	.0	2.1	.0	16.7	14.5	9.9			24.4	7322

AFETAC FORM 0-7, 1 OCT 73 (OLD AF PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] BRIZE NORTON RAF UK — 73-87 — ALL
STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	15.6	.1	2.7	.0	18.8	14.4	8.8			32.4	7778
FEB			14.2	.7	2.7		17.4	12.5	19.3			31.7	6862
MAR		.0	17.8		2.4	.1	19.3	5.4	13.4			1 .8	7709
APR		.0	10.3		.8	.0	11.0	3.6	15.6			17.2	7073
MAY		.1	11.9		.1	.0	12.0	4.4	9.6			14.0	7301
JUN		.4	10.2				10.2	3.9	8.5			12.4	6964
JUL		.3	7.9				7.9	2.7	8.3		.0	9.0	7143
AUG		.3	10.0				10.0	4.6	13.1			17.6	7123
SEP		.3	11.1				11.1	8.6	13.3			18.9	7106
OCT			13.8				13.8	12.1	10.3			22.3	7297
NOV		.0	13.9		.2		14.0	11.0	8.8			19.8	7093
DEC		.0	15.1	.0	2.0	.0	16.7	14.5	9.9			24.4	7322
YEAR		.1	12.5	.1	.9	.0	13.3	8.0	11.0		.0	19.9	85191

DATA [illegible] SOLAR [illegible]

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

...AL CLIMATOLOGY BRANCH
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AT ...WEATH R SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

...GE PRIDE MORTON RAF (LA ... 73-82 YEARS ANN

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

		THUNDER AND/OR LIGHTNING	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH RESTRICTED VISIBILITY	TOTAL NUMBER OBS
JAN	DAILY	1.0	51.1	1.0	10.0	.3	59.0	43.5	36.7			46.6	374
FEB			50.4	3.6	10.3		54.2	43.3	51.0			54.0	282
MAR		.6	56.1		11.2	1.0	67.7	25.6	39.0			44.0	31
APR		.3	50.0		8.0	.7	51.7	19.3	44.3			47.0	300
MAY		2.9	57.9		1.0	.6	58.3	20.9	34.8			48.9	306
JUN		4.7	48.5				48.5	18.5	32.3			44.3	300
JUL		3.5	48.5				48.5	17.7	33.5			41.6	31
AUG		3.9	47.1				47.1	20.0	48.3			53.7	31
SEP		4.0	50.3				50.0	26.3	38.7			53.0	30
OCT			57.7				57.7	45.5	42.3			56.7	31
NOV		.7	52.7		2.0		53.0	12.3	32.7			45.3	300
DEC		.3	53.5	.3	1.3		56.3	42.5	30.0			53.0	31
		1.0	50.1	.4	3.4	.2	57.7	32.6	37.9			51.3	3647

...DATA ... USUAL ... PRECEDING ... ON THIS FORM ARE OBSOLETE

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PART C SURFACE WINDS

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

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

DATA NOT AVAILABLE

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

C

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

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

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

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

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

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

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

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

SURFACE WINDS

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

...ATION ... STATION NAME ... YEARS ... MONTH

ALL WEATHER
CLASS ... HOURS ... S.T.

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS ...

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH

CLASS ____ HOURS (L.S.T.) ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH

ALL WEATHER
CLASS ____ HOURS L.S.T.

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] CLASS [illegible] HOURS (LST)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
VARBL	[illegible]											[illegible]	[illegible]
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS FEB MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	1.[illegible]	1.[illegible]	1.[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4	[illegible]
NE	.[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	.1	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	.[illegible]	1.[illegible]	[illegible]	[illegible]	.1	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]
ESE	.1	.[illegible]	1.[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	.[illegible]	.[illegible]	1.[illegible]	.4	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	.4	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]
S	.[illegible]	1.[illegible]	[illegible]	[illegible]	1.[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]
SSW	.[illegible]	1.[illegible]	1.[illegible]	.7	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	1.[illegible]	1.[illegible]	[illegible]	[illegible]	.4	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	1.[illegible]	[illegible]	4.[illegible]	1.1	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]
W	.[illegible]	3.3	.3	1.[illegible]	[illegible]	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]
NW	.[illegible]	.1	.7	.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.4	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	22.[illegible]	[illegible]	[illegible]	4.6	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AFETAC FORM [illegible] OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SURFACE WINDS

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

4 [illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						7.	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

CLASS ... HOURS ...

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION

SPEED (KNOTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS G.M.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

WIND DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

CLASS

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS

CONDITION

WIND DIRECTION (FROM)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS

CLASS

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 +	MEAN
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION | STATION NAME | YEARS

CLASS

FUNCTION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

CLASS ... HOURS ... EST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS OBS'D ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN AND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS (LST) ____

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ EST

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS

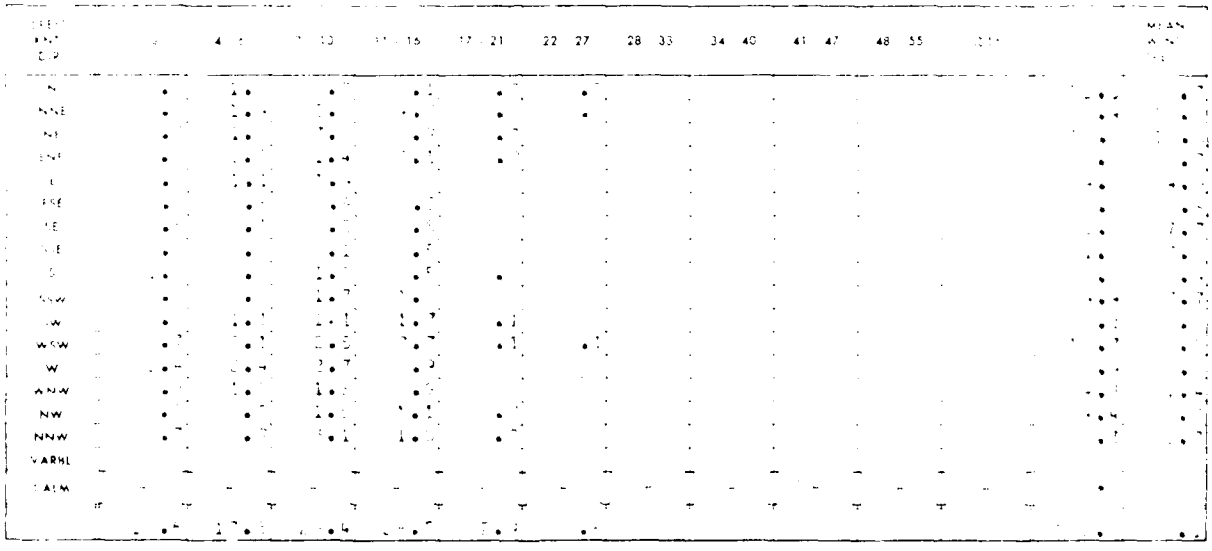
CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____ E.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T.

CONDITION

SPEED KNTS O-R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS [illegible] S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH

CLASS ____ NO. OBS. DAY

CONDITION

SPEED KNTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS (L S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS L.S.T.

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____ LST

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS E.S.T.

CONDITION

SPEED KNTS O.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS DAY

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

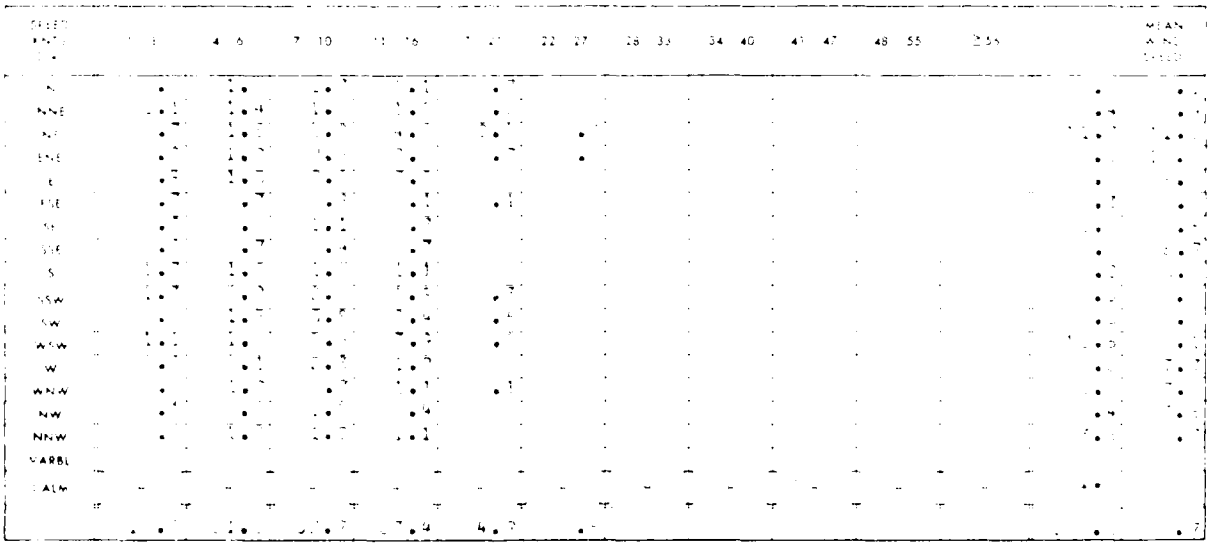
TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

CLASS

CONDITION

WIND DIRECTION	SPEED (KNOTS) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 +	MEAN SPEED (KNOTS)
N												
NNE												
NE					1							
ENE		1										
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (LST)

CONDITION

WIND DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

WIND 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	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

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

CONDITION ____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS L S T ____

CONDITION

SPEED KNTS D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS (L.S.T.) ____

CONDITION ____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AFLC [illegible] OL A [illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS L.S.T. _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

CONDITION

SPEED (KNOTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56 -		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

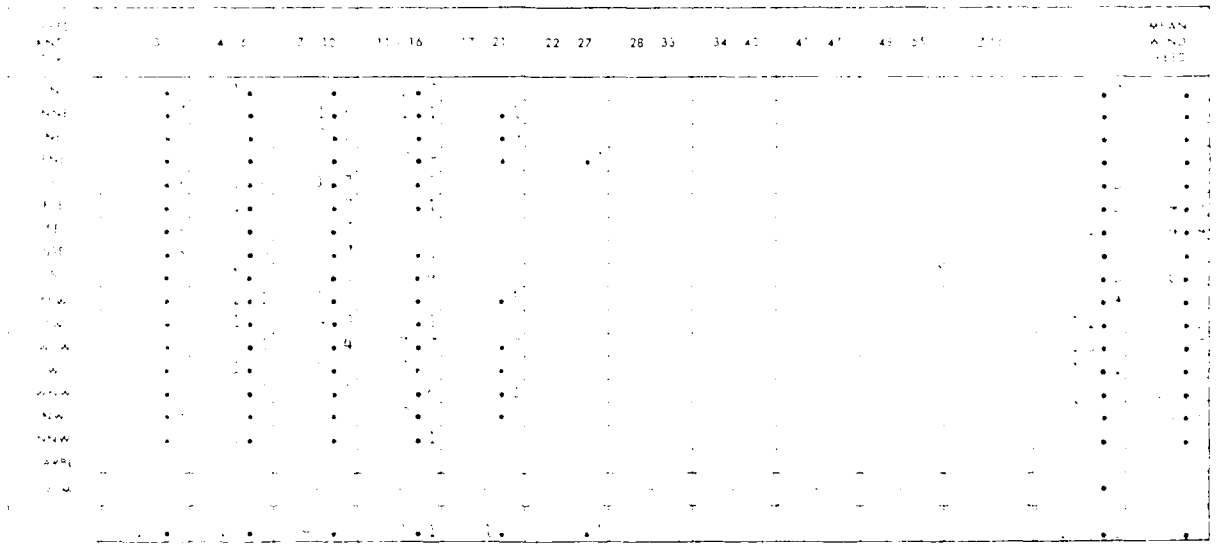
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

CLASS

CONDITION



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS

CLASS

WIND DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS

CLASS

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56+	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION NAME

YEARS

MONTH

CLASS

HOURS E S T

CONDITION

WIND DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____ G.S.T.

CONDITION

SPEED KNTS D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS L.S.T. ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS (L.S.T.) ____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION

SPEED (KNTS) D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (EST) _____

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

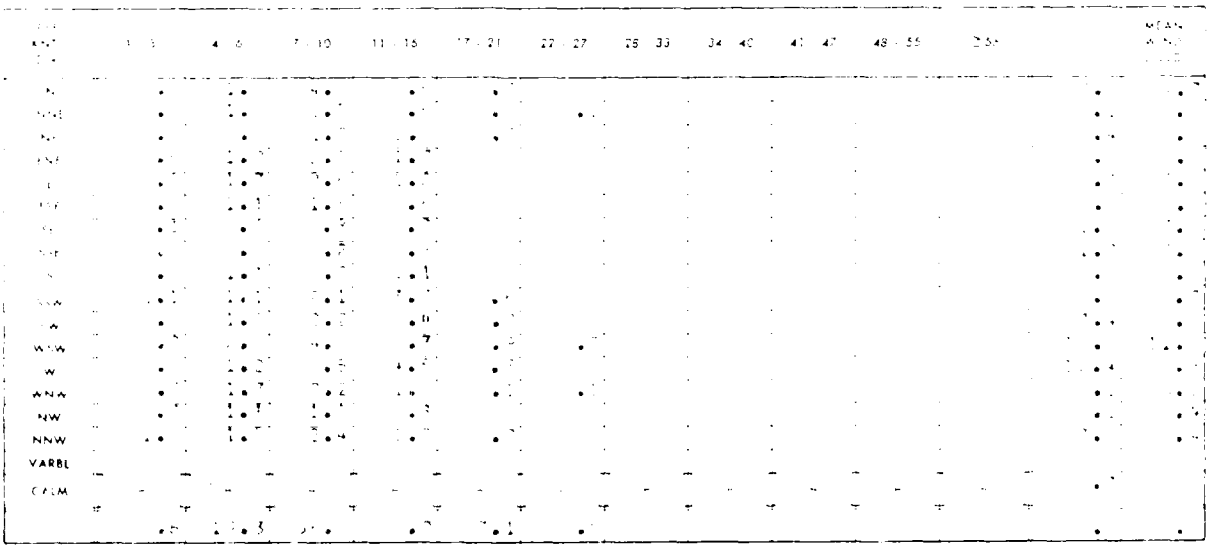
STATION

STATION NAME

YEARS

CLASS

CONDITION



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

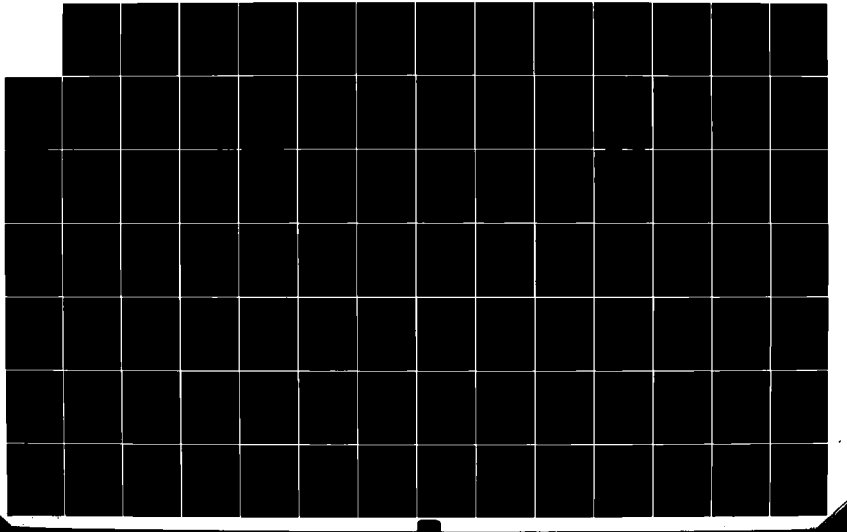
FUNCTION

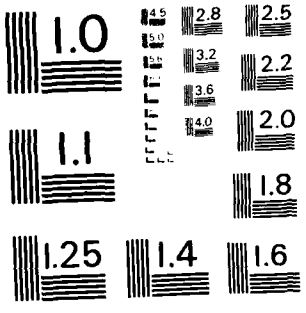
SPEED (KNOTS) / DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56+	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] BRIZE NORTON RAF UK — 73-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL
CLASS — HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.[illegible]	2.7	.6	.1							5.[illegible]	6.[illegible]
NNE	1.[illegible]	1.[illegible]	1.9	.9	.1	.						[illegible].3	6.[illegible]
NE	.7	2.	2.7	.6	.2	.2						7.[illegible]	9.5
ENE	1.[illegible]	1.[illegible]	2.2	.8	.1	.						[illegible].[illegible]	7.[illegible]
E	1.6	1.5	1.4	.6								5.2	5.9
ESE	.3	.7	.6	.2								1.2	6.[illegible]
SE	.	.	.3	.1	.							1.3	5.[illegible]
SSE	.4	.5	.7	.3	.							1.2	6.4
S	.	.[illegible]	.3	.5	.							1.2	6.[illegible]
SSW	.[illegible]	1.[illegible]	1.[illegible]	1.3	.3	.						5.5	6.[illegible]
SW	1.[illegible]	2.[illegible]	3.[illegible]	1.[illegible]	.2	.1	.					[illegible].5	7.6
WSW	.8	3.2	[illegible].[illegible]	3.7	.2	.1						[illegible].5	7.3
W	.[illegible]	.[illegible]	2.[illegible]	2.[illegible]	.1							[illegible].9	6.9
WNW	1.3	1.1	1.3	.7	.	.						4.4	5.4
NW	.7	1.2	.[illegible]	.7	.1							4.2	7.3
NNW	1.[illegible]	1.3	1.7	.9	.[illegible]	.						[illegible].[illegible]	7.[illegible]
VARBL													
CALM												4.[illegible]	
	11.3	25.[illegible]	30.1	16.7	1.6	.3	.2					[illegible].[illegible]	6.3

TOTAL NUMBER OF OBSERVATIONS [illegible]17

USAFETAC FORM [illegible] 3 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | BILE NORTON RAF UK | 73-8[illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.9	.9								[illegible].3	[illegible].4
NNE	1.5	.9	.5	.5		.1						3.[illegible]	[illegible].3
NE	1.7	2.1	1.[illegible]	.3	.1							4.[illegible]	[illegible].5
ENE	2.[illegible]	.[illegible]	.7	.5								[illegible].4	[illegible].5
E	1.7	1.4	.6	.3								3.[illegible]	4.9
ESE	.[illegible]	.7	.7	.1								[illegible].2	[illegible].
SE	.[illegible]	.[illegible]	.1									1.[illegible]	4.[illegible]
SSE	1.[illegible]	1.[illegible]	.1									[illegible].2	4.[illegible]
S	1.8	1.9	1.5	1.4								[illegible].4	[illegible].9
SSW	1.5	1.9	3.8	1.7	.6	.1						9.6	[illegible].3
SW	2.7	3.4	4.7	2.[illegible]	.6	.2						13.7	7.[illegible]
WSW	3.3	3.9	4.3	2.3	.1							13.[illegible]	[illegible].4
W	4.7	4.2	1.6	.9	.1							11.[illegible]	5.[illegible]
WNW	1.6	.8	.1	.6								[illegible].1	[illegible].1
NW	.3	.7	.5	.7	.1							2.3	[illegible].2
NNW	.6	1.[illegible]	1.[illegible]									[illegible].3	5.7
VARBL													
CALM												7.[illegible]	
	28.8	26.5	23.3	12.2	1.6	.5						[illegible][illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]79

USAFETAC FORM [illegible] JUL 64 0-85-OL A[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] / STATION — BOSTIC NORTON RAF UK / STATION NAME — 73-82 / YEARS — [illegible] / MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	2.1	1.4								5.7	7.5
NNE	1.2	.7	.7	.6	.1							4.	5.6
NE	1.7	.5	.7	.3								3.	5.8
ENE	1.4	1.2	.5	.5								4.	5.
E	1.6	.7	.2	.1								2.	4.
ESE	1.2	.7	1.1	.2								3.	5.7
SE	.1	1.	.3									2.	4.1
SSE	.1	.2	.5									1.	6.
S	1.5	1.5	2.3	1.	.2							6.	7.
SSW	1.	2.1	3.1	2.1	.2							7.	7.5
SW	1.4	3.3	3.7	1.6	.3							10.3	7.7
WSW	4.	4.4	4.4	2.8	.5	.1						17.1	6.9
W	2.	4.	2.	.9	.1							11.3	4.5
WNW	1.1	.7	.6	.2	.1							3.7	5.6
NW	1.4	.7	1.5	.1	.3							4.3	6.7
NNW	.	.	.7	.1								1.	5.2
VARBL													
CALM												.9	
	.7	4.1	3.2	12.6	1.9	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3442 — STATION
UPPER NORTON PAF UK — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0000-2300 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.	2.2	1.	.1							5.7	7.4
NNE	1.1	.6	.6	.8								3.	5.6
NE	2.5	1.5	.7	.5								5.	4.5
ENE	1.	.5	1.2	.7								4.3	5.7
E	2.5	1.4	.5	.3								4.5	4.5
ESE	1.5	1.	.7	.3								3.	5.5
SE	.5	.8	.5	.1								2.0	5.1
SSE	.7	.5	.7	.6								2.	6.4
S	1.5	1.7	1.3	1.2								4.9	7.6
SSW	1.5	2.7	2.2	2.3	.3							9.7	8.
SW	3.2	3.1	5.2	2.5								14.1	7.2
WSW	3.5	4.5	4.3	2.5	.3							15.1	6.9
W	4.7	2.7	1.6	1.2	.1							9.2	5.3
WNW	.6	.7	.5	.5	.2							2.2	7.1
NW	.1	.5	.7	.5	.2							2.3	6.8
NNW	.3	.6	.6	.6								2.1	5.1
VARBL													
CALM												5.1	
	17.9	24.6	22.5	15.5	1.4							100.0	6.

TOTAL NUMBER OF OBSERVATIONS 968

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | CAPE NORTON RAF UK STATION NAME | 73-82 YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.6	2.1	.1	.1						4.[illegible]	1[illegible].3
NNE	.2	.3	1.7	1.1	.1							.[illegible]	1[illegible].2
NE	.2	.5	.9	.5								2.2	7.2
ENE	1.7	1.[illegible]	1.6	.7								[illegible]	6.3
E	1.7	1.[illegible]	1.7	.6								5.[illegible]	6.4
ESE	1.[illegible]	1.4	1.[illegible]	.7								[illegible].1	6.7
SE	.6	1.[illegible]	.[illegible]	.3								[illegible].	6.[illegible]
SSE	1.7	.[illegible]	.5	.2	.1							[illegible]	5.7
S	1.6	1.3	2.3	2.9	.7	.1						9.3	9.
SSW	.9	1.[illegible]	2.9	2.5	.7	.3						[illegible].3	10.2
SW	1.1	1.[illegible]	4.3	6.6	.6	.1						14.6	7.9
WSW	1.1	2.[illegible]	4.6	5.1	1.3							14.4	7.3
W	1.3	1.[illegible]	2.9	3.6	.6							10.1	10.2
WNW		.2	.9	.5	.[illegible]							[illegible].4	11.3
NW	.2	.1	1.3	.6	.2							3.1	7.4
NNW	.2	.6	1.4	1.1	.2	.1						3.[illegible]	7.7
VARBL													
CALM												.[illegible]	
	13.7	18.[illegible]	31.1	32.7	4.8	.8						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]76

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] / STATION — BRICE NORTON RAF [illegible] / STATION NAME — 73-82 / YEARS — SEP / MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.5	1.5								3.7	7.1
NNE	.5	.5	1.6	1.1								3.4	7.-
NE	.5	.5	.6	.6								2.3	7.7
ENE	.7	.7	1.3	.9								3.-	7.2
E	.5	.7	1.6	1.-								4.-	7.4
ESE	.7	1.1	.5	1.1								3.-	6.1
SE		.5	.8	.9								1.8	7.9
SSE	.7	.3	.2	.3	.1	.2						1.-	7.9
S	1.1	1.1	2.4	3.2	1.1							9.-	10.-
SSW	1.5	1.1	3.6	4.2	.9							11.1	9.7
SW	.5	1.-	4.1	5.8	1.-	.1	.1					14.-	11.-
WSW		1.5	3.4	5.7	1.9	.5						13.5	11.9
W	.5	1.5	3.6	5.3	1.1	.5						12.7	11.2
WNW	.6	.7	1.6	2.2	1.1	.9						6.2	11.7
NW	.6	.7	1.2	.9	.5	.1						4.5	9.6
NNW	.4	.5	.8	.9	.1							2.5	7.7
VARBL													
CALM												.5	
	.9	13.6	31.6	38.6	6.9	1.4	.1					93.0	1-.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

EGYZ — STATION
BRIZE NORTON RAF UK — STATION NAME
72-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1200-1700 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.7	.8								4.9	7.7
NNE	.2	.7	1.4	1.5								3.8	9.3
NE	.1	.5	.9	.7								2.3	8.2
ENE	.5	.3	1.5	.3								2.6	7.4
E	.1	.2	.9	1.2								3.4	9.1
ESE	.3	.6	.2	.7								1.8	7.3
SE	.3	.3	.6	.2	.1							1.4	8.4
SSE	.5	.5	.9	1.4	.2							3.4	9.2
S	1.1	1.1	3.5	3.2	.6							9.5	9.5
SSW	.9	1.2	3.8	3.3	1.6	.1						10.9	12.9
SW	.6	2.2	3.3	4.0	.7							10.8	9.8
WSW	1.2	2.4	6.2	5.3	2.2	.3	.1					17.3	11.2
W	1.3	1.9	3.6	4.4	.7	.1						11.6	9.7
WNW	.1	.6	2.3	3.3	1.1	.2						8.3	12.1
NW	.1	.2	1.2	.9	.2							2.3	10.2
NNW	.2	.3	2.1	.9								3.7	8.8
VARBL													
CALM												.3	
	8.2	14.2	35.2	33.6	7.2	.3	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 684

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7464 (STATION) BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 12 0700 (HRS (L S T))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.3	.2								5.4	7.0
NNE	.7	1.3	.7	.9								3.6	6.7
NE	.5	.5	1.3	.7								3.0	6.2
ENE	.5	.3	.5									1.3	5.1
E	1.7	.5	.9	.6								3.6	5.0
ESE	.3			.5	.1							1.3	7.4
SE	.5	.3	.6	.3								1.7	6.1
SSE	.5	1.6	1.3	.3	.1							3.7	7.3
S	2.9	3.1	2.3	1.5	.6							10.3	7.1
SSW	1.7	3.1	3.3	2.2	.3	.1						10.4	7.8
SW	1.7	3.4	4.1	3.6	.5	.1						13.4	8.1
WSW	2.1	3.3	5.2	4.8	.7	.1						17.2	8.5
W	1.4	3.1	2.8	1.3								8.6	5.7
WNW	.6	1.8	.8	1.4	.3							5.0	6.7
NW	.7	1.1	1.3	.7								3.8	6.6
NNW	1.0	2.2	1.6	.2								5.0	5.2
VARBL													
CALM												2.8	
	18.4	29.1	29.2	18.6	2.7	.3						100.3	7.3

TOTAL NUMBER OF OBSERVATIONS 372

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

CLASS: ALL WEATHER — HOURS (LST): 00-2300

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.6	.3								[illegible]	[illegible]
NNE	1.0	.9	.9	.7								[illegible]	[illegible]
NE	.1	1.3	1.7	.1	.1							[illegible]	[illegible]
ENE	.5	.7	1.1	.3								[illegible]	[illegible]
E	.9	.9	.8	.3								[illegible]	[illegible]
ESE	.5	.5	.6		.1							[illegible]	[illegible]
SE	.7	.3	.3	.3								[illegible]	[illegible]
SSE	.9	.5	.5	.1								[illegible]	[illegible]
S	.1	3.2	1.8	1.0	.3							[illegible]	[illegible]
SSW	2.7	3.0	4.3	2.1	.7	.1						12.9	7.6
SW	2.6	4.2	4.7	2.1								[illegible]	[illegible]
WSW	3.1	5.3	4.6	3.2	1.2							17.1	7.8
W	3.3	3.4	1.3	.5	.1							[illegible]	[illegible]
WNW	1.3	1.0	.5	.7								[illegible]	[illegible]
NW	.3	.5	.6	.3								[illegible]	[illegible]
NNW	1.4	1.1	1.0	.1								3.7	5.1
VARBL													
CALM												.5	
	23.4	29.1	27.3	12.1	2.4	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]	BRIZE NORTON RAF UK	77-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.2	2.1	1.1	[illegible]	[illegible]						[illegible]	7.7
NNE	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]						3.[illegible]	7.[illegible]
NE	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							3.[illegible]	6.[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	1.[illegible]	1.[illegible]	[illegible]	[illegible]								3.[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												4.3	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | [illegible] NORTON RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
VARBL	-	-	-	-	-	-	-	-	-	-	-		
CALM	-	-	-	-	-	-	-	-	-	-	-	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AFETAC [illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AFETAC [illegible] OL A [illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] NORTON AFB CA [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.5	1.4	.5							4.6	[illegible]
NNE	.8	.9	1.4	1.1		.1						4.3	[illegible]
NE	.2	1.0	.5	.8		.1						.7	[illegible]
ENE	1.4	1.4	1.7	.7								3.2	[illegible]
E	.6	2.0	1.6	.8								4.0	[illegible]
ESE	1.2	1.3	.9	.7	.5							4.3	[illegible]
SE	.7	.4	.5	.5								2.1	[illegible]
SSE	.3	.4	.4	.5								1.6	[illegible]
S	1.0	1.5	1.8	1.4	.4	.1						5.7	[illegible]
SSW	1.2	1.0	1.0	1.6	.6							5.4	[illegible]
SW	2.3	2.1	2.7	1.5	.8	.1						9.5	[illegible]
WSW	3.6	2.7	3.7	2.7								12.7	[illegible]
W	4.1	7.4	1.5	.9	.1							14.0	[illegible]
WNW	.7	.7	.7	1.3								3.3	[illegible]
NW	.7	.7	1.5	1.6								4.5	[illegible]
NNW	.3	.8	1.0	1.4	.2							3.7	[illegible]
VARBL													
CALM												2.5	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 17

[illegible] AFETAC [illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION | BRIZE NORTON RAF UK STATION NAME | [illegible] YEARS | [illegible] MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] SPECIAL [illegible] OL A [illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (LST) _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION _____ STATION NAME BRIZE NORTON RAF UK _____ YEARS 77-81 _____ MONTH OCT

CLASS ALL WEATHER _____ HOURS (L S T) 15 - 1700

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	.5	1.1	.3							.5	4.3
NNE	.3	.8	.6	1.7								.4	4.2
NE	.6	1.4	1.2	1.4								4.2	7.3
ENE	.6	.8	.7	.7	.2							3.2	6.2
E	1.7	1.7	1.4	1.4	.3							5.4	7.3
ESE	.5	1.3	1.4	.5	.1							4.2	7.2
SE	.6	1.2	1.6	1.1								4.7	6.1
SSE	.5	1.4	.8	.4	.3							3.4	7.1
S	1.0	1.3	3.2	2.4	.5	.1						8.5	8.7
SSW	1.7	1.8	2.6	1.5	.3	.2						8.1	7.8
SW	1.2	1.4	2.2	2.4	.1	.1						7.7	8.5
WSW	.7	1.2	3.4	2.4	.2	.1						11.7	9.4
W	.8	1.1	2.1	1.6	.3							7.4	8.7
WNW	.5	1.4	1.2	1.4	.2	.1						6.2	8.9
NW	.5	1.2	1.2	2.1	.6							5.5	9.2
NNW	1.2	1.7	2.4	.6	.2	.1						6.5	7.8
VARBL													
CALM												1.2	
	13.2	25.5	31.1	19.3	4.8	.7						125.2	6.7

TOTAL NUMBER OF OBSERVATIONS 24

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

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

SURFACE WINDS

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

...STATION ... BRIZE NORTON RAF ...STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.	1.5	1.2	.							...	...
NNE	1.	.	1.	.								...	...
NE	.1	1.4	1.2	.6	.1							...	7.
ENE	1.5	1.5	2.3	.9	.1							...	7.2
E	3.	1.	1.	.3								4.5	5.
ESE	.6	.	1.	.5								...	...
SE	1.	.4	.	.4	.1							...	...
SSE	1.1	1.2	.	.4	.3							...	5.7
S	2.4	2.	.9	1.3	.1							...	...
SSW	1.	1.	1.	1.9	.7	.						7.3	...
SW	1.5	2.	4.	2.2								...	7.
WSW	.7	3.4	3.5	3.4		.						11.3	...
W	1.5	2.4	2.9	.9	.1							7.4	5.5
WNW	1.7	2.1	1.3	.2								...	...
NW	.5	1.	1.5	.9	.1							...	7.
NNW	.9	1.	1.3	1.	.1							4.1	7.7
VARBL													
CALM												.5	
	...5	24.3	...1	1.6	7.3	.3						...	...

TOTAL NUMBER OF OBSERVATIONS ...17

USAFETAC ... OL A ... ARE ...

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	1.2	.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	1.[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	1.[illegible]	[illegible]	1.[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	4.1	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1	7.3
W	[illegible]	[illegible]	[illegible]	1.2	.5	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	1.[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	1.[illegible]	1.[illegible]	1.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | SPINE NORTON RAF UK STATION NAME | 73-82 YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.4	1.5	.5	.						[illegible]	[illegible]
NNE	.3	.7	.9	1.0	.1	.						[illegible]	7.3
NE	1.4	1.3	1.1	1.2	.3	.						.6	7.3
ENE	1.3	1.3	1.3	.8	.1							.1	6.4
E	1.7	1.[illegible]	1.3	.6	.1	.						.5	6.4
ESE	1.1	1.2	1.4	.5	.1							.3	6.3
SE	.7	.7	1.2	.7	.1							.5	7.3
SSE	.3	.3	.3	.5	.1							.1	6.7
S	1.5	1.7	2.[illegible]	1.7	.3	.1						[illegible]	7.3
SSW	1.3	1.3	2.[illegible]	2.4	.6	.1						[illegible]	[illegible]
SW	1.7	1.9	2.9	2.4	.4	.1						[illegible]	[illegible]
WSW	2.1	3.4	3.3	2.8	.3	.1						1[illegible]	7.5
W	3.2	2.7	2.2	1.9	.3	.1						.9	7.6
WNW	.1	.7	1.1	1.1	.3	.	.					[illegible]	[illegible]
NW	.5	.9	1.6	1.8	.3							[illegible]	[illegible]
NNW	.8	.9	1.5	1.4	.2	.1						[illegible]	6.7
VARBL													
CALM												.6	
	[illegible].3	21.7	[illegible]5.9	[illegible].1	3.6	.6	.2					[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]7,234

USAFETAC FORM 0-8-5 (OL A) [illegible]

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] [illegible] CHARLOTTE NORTON AFB SC — 7[illegible] YEARS — [illegible] MONTH

ALL WEATHER — CLASS

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

CONDITION

SPEED (KNTS), DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.[illegible]	.[illegible]	.8	1.1	.5	.2						[illegible]	[illegible]
NNE	.9	.9	1.2	.8	.2							[illegible]	7.7
NE	.[illegible]	.[illegible]	.5	.6	.[illegible]	.1						[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.3	.5								.[illegible]	[illegible]
E	.8	1.[illegible]	.8	.5								.[illegible]	[illegible]
ESE	.[illegible]	.1	.5									.[illegible]	.[illegible]
SE	.[illegible]	.5	.[illegible]	.2								[illegible]	7.[illegible]
SSE	.[illegible]	.6	.[illegible]	.1	.1							[illegible]	[illegible]
S	1.2	1.1	1.8	.6	.[illegible]	.1						.[illegible]	7.[illegible]
SSW	.6	.[illegible]	2.[illegible]	2.[illegible]	.[illegible]	.[illegible]						.6	1.[illegible]
SW	1.1	2.[illegible]	6.1	6.[illegible]	.9	.1						[illegible]	1[illegible].[illegible]
WSW	2.[illegible]	4.4	5.1	4.[illegible]	.[illegible]	.[illegible]						[illegible]	[illegible]
W	[illegible].[illegible]	4.6	4.[illegible]	[illegible].[illegible]	.[illegible]	.[illegible]						[illegible]	7.[illegible]
WNW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.1						[illegible]	.1
NW	.6	.[illegible]	1.5	.[illegible]	.2							[illegible]	[illegible]
NNW	.[illegible]	.5	.[illegible]	1.1	.[illegible]	.1						[illegible]	1.[illegible]
VARBL													
CALM												.4	
	[illegible]7.1	[illegible]3.7	[illegible]7.3	21.7	5.1	1.7						[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]984

USAFETAC FORM [illegible] [illegible] OL A [illegible] EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	2.2	1.2	.1	.1						4.8	7.3
NNE	1.1	.5	1.2	.2	.2							3.4	6.6
NE	1.1	.7	.4	.3		.3						2.8	7.2
ENE	.7	.3	1.3	.6								2.8	6.6
E	1.6	.9	1.	.4								3.9	5.5
ESE	.7	.	.6									1.4	4.2
SE	.5	.7	.8	.4								2.5	6.6
SSE	.7	.4	.3									1.4	4.1
S	1.5	.2	1.1	.3	.2							3.4	6.6
SSW	.7	1.3	3.6	2.6	.5	.4						9.2	7.8
SW	1.3	2.1	5.3	7.1	1.3	.1						19.3	11.1
WSW	1.3	4.	6.8	3.4	.5							16.4	9.3
W	2.6	3.3	3.3	2.6	1.1	.2						13.2	7.3
WNW	1.1	.7	1.2	.1	.2							3.3	6.6
NW	.1	.3	1.1	.4	.3							2.4	10.2
NNW	.5	.3	1.5	1.8	.1							4.	10.2
VARBL													
CALM												7.7	
	15.9	16.5	32.1	21.7	4.8	1.2						172.3	7.

TOTAL NUMBER OF OBSERVATIONS 69[illegible]

USAFETAC FORM [illegible] OL A (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | SPICE NORTON RAF UK | [illegible] | NOV
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	1.6	1.7	.4	.1						4.2	7.7
NNE	.3	.5	1.3	.6								2.2	7.0
NE	.7	.4	.6	.5		.1	.1					3.1	6.7
ENE	.2	.3	.5	.4								1.3	7.6
E	1.1	.3	.5	.1								2.0	5.3
ESE	.2	.5	.4	.2								1.4	6.1
SE	.2	.7	.8	.6								2.3	7.0
SSE	1.2	.7	1.1	.1								3.1	5.7
S	1.2	.7	1.3	.3								3.4	6.0
SSW	1.4	1.5	3.5	2.6	1.4	.2						10.7	11.5
SW	1.6	2.4	4.0	1.3	1.0							10.3	9.0
WSW	2.0	3.2	5.4	1.2	.6	.1						12.4	8.0
W	2.5	3.1	3.3	1.2	1.1	.1						11.3	8.5
WNW	.9	.6	1.0	.2	.2							2.9	6.6
NW	.8	.5	1.0	.3	.3							2.9	7.0
NNW	1.4	.2	1.0	1.7	.3							4.5	8.0
VARBL													
CALM												1.4	
	20.3	16.2	28.1	13.1	5.5	.5	.1					[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS 84

[illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

ALL WEATHER CLASS

[illegible] HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FORM [illegible] OL A [illegible]

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

SURFACE WINDS

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

...STATION ... STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS ...

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

ALL WEATHER
CLASS ____ HOURS ____

CONDITION ____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												
#												
%												

TOTAL NUMBER OF OBSERVATIONS ____

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

SURFACE WINDS

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

[illegible] [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS LST

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS - L.S.T. _____

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AIR FORCE [illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 73-[illegible] YEARS | [illegible] MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	.4	[illegible]	[illegible]	.1	-	-	-	-	-	-	[illegible]	[illegible]
NNE	.4	.3	[illegible]	.6	.1	-	-	-	-	-	-	[illegible]	5.3
NE	.7	.7	3.3	.9	-	-	-	-	-	-	-	[illegible]	7.[illegible]
ENE	.7	.7	2.1	1.1	.2	-	-	-	-	-	-	[illegible]	[illegible]
E	1.2	.7	1.7	1.7	-	-	-	-	-	-	-	[illegible]	7.7
ESE	.7	.3	.3	.4	-	-	-	-	-	-	-	[illegible]	[illegible]
SE	.2	.2	.5	.7	-	-	-	-	-	-	-	[illegible]	[illegible]
SSE	.3	.1	.3	.2	.3	-	-	-	-	-	-	[illegible]	[illegible]
S	.2	.2	.6	1.6	.2	-	-	-	-	-	-	[illegible]	[illegible]
SSW	.3	1.1	2.1	2.6	1.3	-	-	-	-	-	-	[illegible]	[illegible]
SW	.6	2.1	4.7	4.9	1.3	-	-	-	-	-	-	[illegible]	[illegible]
WSW	.8	.8	2.2	2.1	1.1	.2	-	.2	-	-	-	[illegible]	[illegible]
W	2.2	3.[illegible]	[illegible]	2.3	1.[illegible]	-	-	-	-	-	-	[illegible]	[illegible]
WNW	.4	.4	1.4	.5	.2	-	-	-	-	-	-	[illegible]	[illegible]
NW	.4	.2	.2	.2	.1	.2	-	-	-	-	-	[illegible]	[illegible]
NNW	-	.2	1.4	1.6	.1	-	-	-	-	-	-	[illegible]	[illegible]
VARBL	-	-	-	-	-	-	-	-	-	-	-	-	-
CALM	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	17.2	[illegible]	28.7	5.9	.3	-	.2	-	-	-	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS

[illegible] HOURS - L S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
CALM	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] BRIZE NORTON RAF UK 77-81 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS HOURS L.S.T.

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
E	[illegible]	[illegible]	1.4	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	1.2	1.[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	.3	[illegible]	[illegible]	.1						[illegible]	[illegible]
S	[illegible]	[illegible]	1.2	1.[illegible]	[illegible]	.4						[illegible]	11.[illegible]
SSW	[illegible]	[illegible]	1.9	2.3	[illegible]	[illegible]	.1					[illegible]	[illegible]
SW	1.4	2.1	3.[illegible]	[illegible]	[illegible]	[illegible]						17.1	[illegible]
WSW	[illegible]	4.[illegible]	[illegible]	[illegible]	1.4	[illegible]						[illegible]	[illegible]
W	[illegible]	2.7	2.9	[illegible]	[illegible]	.1						12.[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	1.2	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	1.1								[illegible]	[illegible]
NNW	[illegible]	[illegible]	1.1	[illegible]	[illegible]	.1						[illegible]	[illegible]
VARBL													
CALM												5.[illegible]	
	[illegible]	16.3	[illegible]	[illegible]	[illegible]	[illegible]	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER _____ HOURS (L S T)
CLASS

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

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

CONDITION

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	7.[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	7.[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	7.[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	7.[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1.[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	17.2	[illegible]	[illegible]	4.[illegible]	1.[illegible]	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AFCCM [illegible] OL A [illegible]

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

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

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

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

CONDITION [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] CLASS [illegible] HOURS [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	[illegible]												
NNE	[illegible]												
NE	[illegible]												
ENE	[illegible]												
E	[illegible]												
ESE	[illegible]												
SE	[illegible]												
SSE	[illegible]												
S	[illegible]												
SSW	[illegible]												
SW	[illegible]												
WSW	[illegible]												
W	[illegible]												
WNW	[illegible]												
NW	[illegible]												
NNW	[illegible]												
VARBL													
CALM													
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____

INSTRUMENT _____ HOURS _____
CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

D

This program is a bivariate joint frequency distribution of ceiling versus visibility for any specified station and period of record. Ceiling is given in hundreds of feet and visibility as a combination of statute miles and fractions thereof. Data are portrayed in a matrix format as follows:

1. Annual - all years and all hours combined.
2. Monthly - all years and all hours by month.
3. Hourly - by standard time hour.

For each of the above categories of this presentation, it is possible to obtain a summary of any specified month or hour. Also, a specific ceiling and visibility may be specified and the program will provide the number of occurrences of that ceiling and visibility. Additionally, the program will provide the number of occurrences of any specified ceiling or visibility or any combination of ceiling and visibility.

The program is designed to read data from any station tape which is in the format described in the Air Force publication, Data Processing Standards for Surface Observations. The program will process data from any station for any period of record. The program will also process data from any combination of stations and periods of record, as well as data from any single station for any period of record. The program will process data from any station for any period of record, as well as data from any combination of stations and periods of record.

Beginning in January 1964, MFTAR station reports were changed to include visibilities greater than 7 miles. Thus, for MFTAR stations, the data, by equal to or greater than 7 miles is not printed in the tables, unless the summary was for a period ending on or before January 1964.

EXAMPLES FOR USING CEILING VERSUS VISIBILITY TABLE IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 90.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 94.9%.
Visibility ≥ 1 mile = 90.8%.

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

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

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

[illegible]	10.5	12.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.5	[illegible]	27.1	[illegible]
[illegible]	[illegible]	24.3	25.6	26.7	26.8	27.2	[illegible]	[illegible]	28.4	[illegible]	[illegible]	[illegible]	29.	[illegible]	[illegible]
[illegible]	[illegible]	24.7	[illegible]	27.1	27.2	27.5	[illegible]	[illegible]	[illegible]	[illegible]	29.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24.7	[illegible]	[illegible]	[illegible]	27.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	27.9	[illegible]	[illegible]	[illegible]	29.4	[illegible]	[illegible]	[illegible]	[illegible]	30.1	[illegible]	[illegible]
[illegible]	[illegible]	26.6	28.2	29.1	[illegible]	29.6	[illegible]	[illegible]	[illegible]	31.1	[illegible]	31.3	[illegible]	31.8	32.4
[illegible]	27.1	[illegible]	[illegible]	[illegible]	[illegible]	30.9	[illegible]	[illegible]	32.7	[illegible]	[illegible]	33.1	33.4	33.6	34.2
[illegible]	27.7	[illegible]	[illegible]	31.1	[illegible]	31.6	[illegible]	[illegible]	33.4	[illegible]	33.6	33.7	34.1	34.7	[illegible]
[illegible]	[illegible]	[illegible]	30.7	31.6	31.7	[illegible]	33.1	[illegible]	33.9	34.	34.1	34.2	34.5	34.8	[illegible]
[illegible]	[illegible]	[illegible]	31.1	[illegible]	[illegible]	32.5	[illegible]	34.1	34.3	34.4	34.5	34.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	32.4	33.6	33.7	34.1	[illegible]	[illegible]	[illegible]	[illegible]	36.5	36.6	36.9	37.1	37.7
[illegible]	30.7	31.9	33.7	[illegible]	[illegible]	[illegible]	37.1	37.8	38.1	38.4	38.6	[illegible]	39.1	39.3	[illegible]
[illegible]	32.4	[illegible]	[illegible]	35.7	[illegible]	37.6	[illegible]	[illegible]	[illegible]	40.1	[illegible]	[illegible]	41.1	41.7	[illegible]
[illegible]	[illegible]	34.4	[illegible]	37.5	37.8	38.4	[illegible]	40.7	[illegible]	[illegible]	41.4	[illegible]	42.2	42.5	[illegible]
[illegible]	[illegible]	[illegible]	38.4	39.6	[illegible]	[illegible]	42.	[illegible]	43.1	43.5	43.7	44.2	[illegible]	44.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	44.3	44.8	45.4	47.1	[illegible]	[illegible]	49.	49.3	49.7	[illegible]	[illegible]	[illegible]
[illegible]	41.4	[illegible]	46.1	47.5	[illegible]	[illegible]	[illegible]	[illegible]	52.2	[illegible]	52.8	[illegible]	[illegible]	[illegible]	54.4
[illegible]	[illegible]	[illegible]	51.4	[illegible]	[illegible]	[illegible]	56.3	[illegible]	[illegible]	58.4	[illegible]	[illegible]	[illegible]	59.7	[illegible]
[illegible]	[illegible]	[illegible]	53.6	55.4	56.1	56.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.5	[illegible]	62.1	[illegible]
[illegible]	51.1	[illegible]	[illegible]	[illegible]	59.6	[illegible]	[illegible]	[illegible]	64.7	[illegible]	65.2	65.7	[illegible]	[illegible]	[illegible]
[illegible]	55.7	59.1	[illegible]	[illegible]	65.7	[illegible]	69.2	71.	71.3	71.7	[illegible]	[illegible]	72.7	72.9	[illegible]
[illegible]	[illegible]	61.3	[illegible]	67.5	[illegible]	69.8	72.1	74.	[illegible]	74.6	74.9	75.3	75.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.3	[illegible]	75.4	[illegible]	76.1	76.6	76.9	77.1	[illegible]
[illegible]	[illegible]	62.7	66.9	69.6	[illegible]	[illegible]	[illegible]	76.3	76.7	[illegible]	77.3	77.8	78.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67.5	[illegible]	71.5	[illegible]	75.7	[illegible]	77.8	78.1	[illegible]	[illegible]	79.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	71.6	[illegible]	74.2	[illegible]	[illegible]	79.5	[illegible]	[illegible]	[illegible]	[illegible]	81.4	[illegible]
[illegible]	[illegible]	64.7	[illegible]	73.5	75.1	76.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.2	[illegible]	77.7	[illegible]	[illegible]	84.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.4	76.2	78.5	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	78.9	[illegible]	[illegible]	[illegible]	89.1	[illegible]	[illegible]	[illegible]	91.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	78.9	[illegible]	87.3	[illegible]	[illegible]	[illegible]	91.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	[illegible]	[illegible]	87.3	[illegible]	[illegible]	91.3	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

73-67

21.1	21.1	14.4	15.6	15.9	16.1	16.6	17.4	17.7	13.1	18.7	19.3	19.3	19.3	19.3	19.5	19.5	
27.4	27.2	23.4	25.6	26.6	27.2	27.4	28.3	29.7	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.7	
29.4	29.7	24.1	26.6	27.2	27.8	28.0	29.4	30.7	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.3	
17.4	29.7	24.1	26.6	27.2	27.8	28.0	29.4	30.7	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.3	
29.1	29.4	25.1	27.1	28.2	28.8	29.0	30.4	31.7	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.3	
29.3	29.1	26.6	28.9	30.0	30.6	31.0	32.5	33.4	33.9	34.1	34.1	34.1	34.1	34.1	34.4		
29.4	29.4	27.4	30.6	32.1	32.4	33.0	34.4	35.6	36.1	36.2	36.2	36.2	36.2	36.2	36.5		
29.1	27.8	29.4	31.4	33.0	33.7	34.2	35.8	36.7	37.3	37.4	37.4	37.4	37.4	37.4	37.7		
29.1	29.0	29.6	32.4	33.3	33.9	34.2	36.1	36.9	37.5	37.6	37.6	37.6	37.6	37.6	38.0		
29.1	29.3	29.6	32.1	33.4	34.1	34.3	36.1	37.0	37.6	37.7	37.7	37.7	37.7	37.7	38.1		
29.3	29.7	31.4	33.3	34.5	35.2	35.4	37.5	38.2	38.8	38.9	38.9	38.9	38.9	38.9	39.1		
29.2	29.6	32.6	34.3	35.7	37.6	37.9	39.7	40.7	41.5	42.0	42.2	42.2	42.2	42.1	42.4		
29.4	29.6	34.1	37.4	39.2	40.3	40.3	42.1	43.2	44.2	44.7	44.7	44.7	44.8	44.9	45.2		
29.1	32.7	36.1	38.9	41.4	41.5	41.7	43.7	45.1	45.8	46.4	46.4	46.4	46.6	46.6	46.9		
29.1	34.6	38.7	39.6	41.2	41.2	47.4	44.4	46.6	46.4	47.1	47.1	47.1	47.2	47.2	47.6		
29.1	36.3	41.5	43.7	46.3	46.3	48.6	48.3	49.1	50.7	51.1	51.5	51.5	51.6	51.3	51.9		
29.1	41.7	44.1	47.2	49.2	50.1	50.2	52.4	53.2	54.1	55.1	55.6	55.6	55.7	55.7	56.1		
33.7	46.4	49.1	52.4	54.1	55.3	55.7	58.3	59.1	60.7	61.7	61.7	61.7	61.8	61.8	62.2		
34.1	48.6	51.1	54.3	56.2	56.1	56.6	60.2	62.4	63.5	64.6	64.6	64.6	64.7	64.7	65.1		
34.2	51.9	53.7	57.8	59.0	61.2	61.7	64.3	65.7	66.9	67.2	67.9	67.9	68.1	68.2	68.7		
36.1	56.3	59.3	64.3	66.7	66.1	69.3	72.1	73.2	75.1	76.2	76.1	76.3	76.1	76.1	76.5		
37.3	57.7	61.1	66.6	69.2	70.5	71.7	74.4	76.3	77.4	78.4	79.4	79.4	79.6	79.5	79.9		
37.7	58.4	62.3	67.5	70.1	71.4	72.7	75.5	77.2	79.4	79.5	79.5	79.6	79.6	79.6	79.9		
38.1	59.9	64.2	69.6	72.1	73.5	74.8	77.9	79.7	81.3	81.9	81.9	81.9	82.0	82.0	82.3		
38.1	60.1	64.4	70.0	72.7	74.2	75.7	78.9	80.5	82.1	83.1	83.1	83.1	83.3	83.3	83.6		
38.1	60.4	64.7	70.5	73.6	75.1	76.6	80.2	82.1	83.4	84.4	84.4	84.4	84.5	84.5	84.7		
38.1	61.9	65.4	71.3	74.5	76.3	77.9	81.4	83.4	84.7	85.5	85.8	85.8	85.9	85.9	86.2		
38.1	61.2	65.7	72.0	75.5	77.6	79.2	83.1	85.1	86.5	87.5	87.5	87.5	87.7	87.7	88.1		
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.8	86.1	88.1	89.1	89.1	89.1	89.4	89.4	89.8		
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	86.8	89.2	90.9	91.1	91.2	91.5	91.5	92.0		
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	87.0	90.1	92.9	93.1	93.3	94.1	94.3	96.4		
38.1	61.2	65.7	72.0	75.9	77.8	79.6	83.9	87.1	90.3	93.1	93.2	93.7	94.6	95.21	96.7		

TOTAL NUMBER OF OBSERVATIONS 57.

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

CEILING VERSUS VISIBILITY

...SPIDE NORTON RAF ...K 73-69 JA...

...ED ... OF ... 12 73-1970

1...2	1...9	16.6	17.7	18.1	18.3	18.3	18.6	18.6	18.6	18.9	19.1	19.2	19.	19.2	19.	
2...1	2...9	27.7	29.1	29.5	30.2	30.5	31.1	31.1	31.1	31.4	31.5	31.5	31.5	31.5	31.5	
2...1	2...0	27.7	29.3	29.9	30.5	30.7	31.4	31.4	31.4	31.6	31.7	31.7	31.7	31.7	31.7	
2...1	2...2	27.8	29.3	29.9	30.5	30.7	31.4	31.4	31.4	31.6	31.7	31.7	31.7	31.7	31.7	
2...4	2...0	28.0	3...1	3...5	31.3	31.5	32.2	32.2	32.2	32.4	32.5	32.5	32.5	32.5	32.5	
2...3	27.8	30.0	31.4	31.9	32.3	32.5	33.3	33.3	33.5	33.8	33.9	33.9	33.9	33.9	33.9	
2...8	3...7	3...1	34.2	35.0	35.7	36.0	36.7	36.7	36.7	36.9	37.1	37.1	37.1	37.1	37.1	
2...1	71.4	33.8	34.9	35.7	36.4	36.7	37.4	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.7	
2...4	31.6	33.8	34.1	35.0	36.6	36.9	37.3	37.6	37.6	37.8	3...1	3...1	3...1	3...1	3...1	
2...4	31.7	33.9	35.6	36.4	37.0	37.4	38.1	38.1	38.1	38.3	38.4	3...4	3...4	3...4	3...4	
2...1	3...1	34.2	35.5	36.7	37.4	37.7	38.6	39.6	3...6	3...9	3...1	3...1	3...1	3...1	3...1	
2...9	3...8	35.9	37.7	38.6	39.4	39.9	41.1	41.1	41.1	41.4	41.5	41.5	41.5	41.5	41.5	
2...4	3...0	3...2	4...0	41.4	42.5	43.0	44.1	44.2	44.2	44.4	44.5	44.5	44.5	44.5	44.5	
2...0	3...1	4...2	42.3	43.6	44.3	45.5	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	
2...1	3...3	41.7	43.0	44.1	46.3	46.9	48.4	48.6	48.6	48.9	49.1	49.2	49.2	49.2	49.2	
2...4	42.5	44.9	47.2	48.5	49.6	50.6	52.0	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	
2...6	46.1	48.5	51.0	52.4	53.6	54.5	56.0	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	
2...6	52.4	54.4	57.6	59.2	60.7	61.6	63.1	63.5	63.5	63.8	63.9	63.9	63.9	63.9	63.9	
2...1	54.3	56.8	59.6	61.5	63.1	64.1	65.6	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	
2...7	57.3	59.9	63.1	64.8	66.4	67.4	68.9	69.4	69.4	69.7	69.8	69.8	69.8	69.8	69.8	
2...3	62.2	65.5	69.8	71.6	73.5	74.9	76.4	76.9	76.9	77.2	77.3	77.3	77.3	77.3	77.4	
2...2	64.4	67.7	72.4	74.4	76.8	78.2	79.8	80.3	80.3	80.7	8...8	8...8	8...8	8...8	8...9	
2...3	65.5	69.9	73.5	75.8	78.3	79.7	81.3	81.9	81.9	82.3	82.4	82.4	82.4	82.4	82.5	
2...3	66.6	7...5	75.2	77.6	8...1	81.6	83.2	83.8	83.8	84.2	84.3	84.3	84.3	84.3	84.4	
2...3	67.2	71.1	76.1	78.5	7...1	82.5	84.1	84.8	84.9	85.2	85.5	85.5	85.5	85.5	85.5	
2...3	67.4	7...4	74.4	77.2	81.9	83.4	85.3	86.1	86.3	86.9	87.1	87.2	87.2	87.2	87.2	
2...3	67.5	71.8	77.0	8...0	83.1	84.5	86.8	87.7	88.4	88.1	8...2	89.2	89.2	89.2	89.2	
2...3	67.5	71.8	77.0	8...8	84.1	85.7	88.3	89.3	9...3	91.1	91.3	91.3	91.3	91.3	91.4	
2...3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	90.8	92.3	93.1	93.3	93.4	93.4	93.4	93.5	
2...3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.5	93.6	94.4	95.0	95.1	95.3	95.3	95.5	
2...3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.6	94.1	95.1	95.9	96.3	97.2	97.3	98.5	
2...3	67.5	71.8	77.2	81.0	84.4	86.5	89.5	91.6	94.1	95.2	96.1	96.5	97.7	97.8	100.	

...AL NUMBER OF OBSERVATIONS ____ 99

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

JAN

1500-1700

[illegible]	13.3	[illegible]	[illegible]	[illegible]	[illegible]	20.4	20.7	[illegible]	21.0	[illegible]	21.2	21.3	21.3	21.3	21.4
[illegible]	23.5	[illegible]	31.7	32.4	[illegible]	33.4	34.1	[illegible]	34.5	34.3	34.6	[illegible]	34.9	34.9	[illegible]
[illegible]	[illegible]	[illegible]	32.1	32.8	33.3	33.5	34.0	[illegible]	[illegible]	35.3	35.3	35.4	35.4	35.4	35.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.4	[illegible]	34.7	[illegible]	35.1	35.4	[illegible]	35.5	35.5	35.5	[illegible]
[illegible]	30.5	[illegible]	33.1	33.9	34.4	34.9	35.6	35.9	[illegible]	36.3	36.3	36.4	36.4	36.4	36.5
[illegible]	31.6	[illegible]	34.4	[illegible]	35.7	36.2	37.0	37.3	37.4	37.6	37.6	37.8	37.8	37.8	37.9
[illegible]	34.4	[illegible]	37.5	[illegible]	38.9	39.3	40.2	[illegible]	40.7	40.9	[illegible]	[illegible]	[illegible]	[illegible]	41.2
[illegible]	35.1	[illegible]	[illegible]	[illegible]	39.6	[illegible]	41.2	[illegible]	41.6	41.8	[illegible]	42.0	[illegible]	[illegible]	42.1
[illegible]	35.3	36.7	[illegible]	[illegible]	[illegible]	[illegible]	41.3	[illegible]	41.7	[illegible]	[illegible]	42.1	[illegible]	42.1	[illegible]
[illegible]	35.4	[illegible]	[illegible]	39.8	40.4	40.8	41.7	42.1	42.2	42.4	42.4	42.5	42.5	42.5	42.5
[illegible]	35.5	37.3	39.5	[illegible]	[illegible]	41.4	42.4	42.7	[illegible]	43.1	43.1	43.2	43.2	[illegible]	43.3
[illegible]	37.4	39.1	41.6	[illegible]	[illegible]	[illegible]	45.0	45.4	45.5	45.7	45.7	45.8	45.8	45.8	45.9
[illegible]	36.2	40.0	42.6	43.9	44.4	45.1	46.3	[illegible]	46.8	47.1	47.1	47.2	47.2	47.2	47.3
[illegible]	39.5	41.4	[illegible]	[illegible]	[illegible]	46.5	47.7	[illegible]	[illegible]	48.5	[illegible]	48.6	48.6	48.6	[illegible]
[illegible]	41.0	[illegible]	45.6	46.9	47.6	49.3	49.5	[illegible]	50.2	50.5	[illegible]	50.7	50.7	50.7	[illegible]
32.5	40.4	47.5	50.0	51.6	52.3	[illegible]	54.5	[illegible]	55.6	55.9	55.9	[illegible]	[illegible]	[illegible]	56.1
35.1	49.5	[illegible]	54.6	[illegible]	[illegible]	57.9	[illegible]	[illegible]	60.7	61.0	61.0	61.2	61.2	[illegible]	61.3
[illegible]	55.1	[illegible]	61.1	62.9	63.7	64.6	66.4	67.	67.5	67.9	67.9	68.1	68.1	68.1	68.3
[illegible]	56.1	[illegible]	62.6	64.5	65.3	66.3	[illegible]	[illegible]	69.3	69.7	69.7	[illegible]	[illegible]	[illegible]	70.1
[illegible]	58.3	[illegible]	65.4	[illegible]	68.1	69.4	71.4	72.1	72.5	[illegible]	73.1	73.4	73.5	73.6	73.7
[illegible]	64.1	67.7	72.0	74.0	74.8	76.2	78.5	79.1	79.5	80.2	80.3	80.5	80.6	80.7	[illegible]
42.5	65.5	69.7	74.4	76.4	77.3	78.8	81.1	81.7	82.2	82.6	82.9	83.1	83.2	83.3	83.4
42.7	65.9	[illegible]	74.6	75.6	77.6	79.0	81.4	82.1	82.5	83.1	83.2	83.4	83.6	83.7	[illegible]
42.9	66.1	70.3	75.2	77.4	78.7	80.3	83.0	83.7	84.1	84.7	84.8	85.0	85.1	85.3	85.4
42.9	66.2	70.5	75.5	78.0	79.3	80.8	83.7	[illegible]	85.1	85.7	85.8	86.1	86.3	86.4	86.5
42.9	66.3	70.7	76.1	78.8	80.2	82.1	85.1	86.2	87.2	87.8	87.9	88.1	88.3	88.4	88.5
[illegible]	66.4	71.1	76.5	79.7	81.2	83.2	86.6	87.8	89.0	89.6	89.7	89.9	90.1	[illegible]	90.4
42.9	66.8	71.5	77.1	[illegible]	82.8	84.9	86.8	[illegible]	91.5	92.2	92.3	92.5	92.7	92.9	[illegible]
42.9	66.9	[illegible]	77.4	81.4	83.3	85.6	90.1	[illegible]	93.3	94.1	94.2	94.4	94.7	94.8	94.9
[illegible]	[illegible]	[illegible]	77.4	81.7	83.8	86.2	90.5	92.9	95.2	96.3	96.4	96.6	96.8	96.9	97.2
[illegible]	66.9	71.8	77.4	81.7	83.8	86.2	90.8	[illegible]	95.4	96.6	96.8	97.1	97.4	97.5	98.4
[illegible]	66.9	[illegible]	77.4	81.7	83.8	86.2	90.8	[illegible]	95.6	96.8	97.1	97.3	97.8	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]82

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

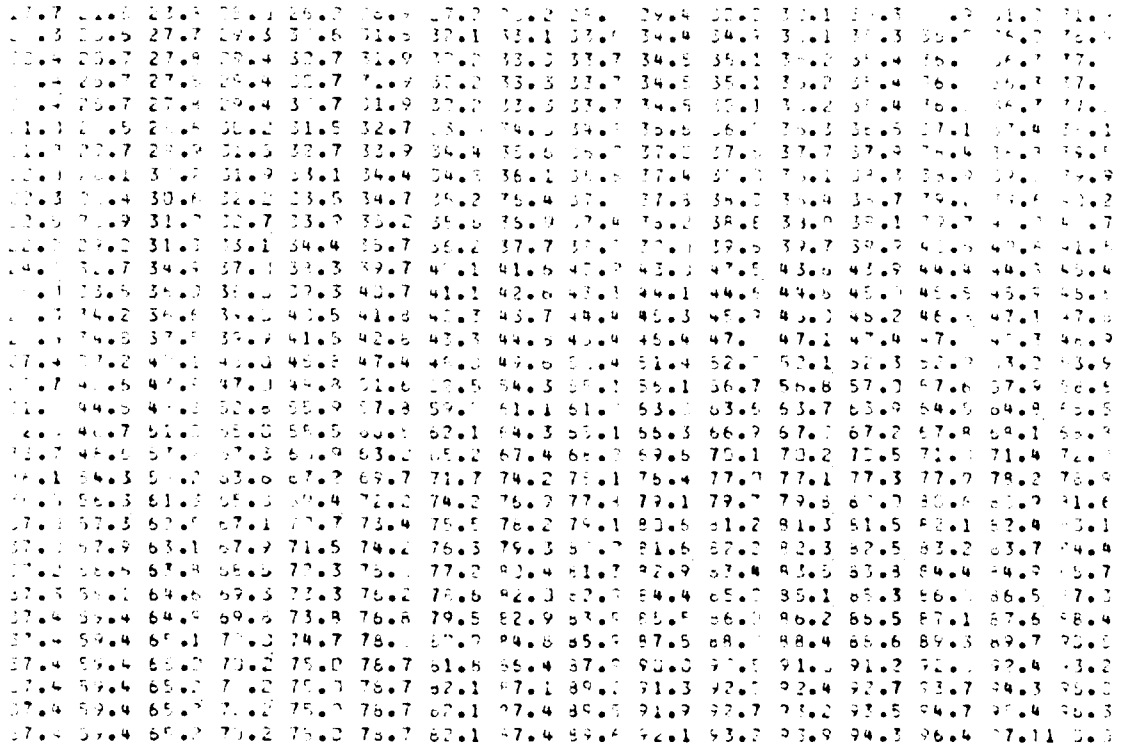
CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] 73-[illegible] JAN [illegible]

27.1	31.3	33.7	37.1	39.8	40.6	26.6	28.2	28.4	28.5	29.0	29.2	29.7	29.7	29.7	[illegible]	
31.3	27.2	29.7	29.4	31.4	32.1	32.9	34.8	35.2	35.9	36.2	36.4	36.9	36.9	36.9	37.4	
31.5	27.6	29.7	29.9	31.5	32.6	33.4	35.3	35.6	36.1	36.6	36.9	37.3	37.3	37.3	37.5	
31.6	27.6	29.7	29.9	31.5	32.6	33.4	35.3	35.6	36.3	36.6	36.9	37.3	37.3	37.3	37.5	
31.9	28.1	29.8	30.3	31.9	32.6	33.9	35.7	36.1	36.8	37.1	37.3	37.8	37.8	37.8	38.0	
32.4	28.9	30.7	31.1	32.7	33.6	34.6	36.6	37.1	37.8	38.1	38.3	38.9	38.8	38.8	39.3	
34.1	31.1	32.6	33.7	35.6	36.8	37.5	39.7	40.7	40.7	41.1	41.3	41.7	41.7	41.7	42.3	
34.4	31.6	32.9	34.3	36.2	37.4	38.2	40.4	41.7	41.4	41.7	41.9	42.4	42.4	42.4	43.0	
34.4	31.6	33.0	34.3	36.2	37.4	38.2	40.5	41.7	41.5	41.8	42.1	42.5	42.5	42.5	43.1	
34.7	31.7	33.0	34.5	36.4	37.7	38.4	40.7	41.7	41.7	42.1	42.3	42.7	42.7	42.7	43.3	
35.1	32.6	34.2	35.6	37.7	39.1	39.9	42.3	42.8	43.3	43.6	43.9	44.3	44.3	44.3	44.9	
35.7	34.0	35.6	37.4	39.6	41.1	41.9	44.3	44.6	45.3	45.7	45.9	46.3	46.3	46.3	46.9	
36.5	34.9	36.5	38.6	40.8	42.3	43.2	45.5	45.9	46.6	46.9	47.1	47.6	47.6	47.6	48.1	
37.2	36.2	37.9	40.0	42.4	44.1	44.9	47.2	47.6	48.3	48.6	48.8	49.3	49.3	49.3	49.6	
37.9	37.4	39.1	41.2	44.1	45.7	46.6	48.9	49.3	49.9	50.4	50.6	51.1	51.1	51.1	51.4	
39.7	40.6	42.7	45.4	48.5	50.4	51.4	53.9	54.3	55.1	55.6	55.8	56.3	56.4	56.4	56.7	
42.2	44.5	47.1	50.2	53.4	55.7	56.8	59.4	59.9	60.8	61.2	61.4	61.9	62.0	62.1	62.6	
44.3	49.6	52.2	55.6	59.1	61.6	62.9	65.8	66.3	67.2	67.6	67.9	68.3	68.4	68.4	69.2	
44.7	51.1	53.8	57.2	60.8	63.2	64.6	67.5	68.	68.9	69.3	69.6	70.2	70.1	70.1	70.7	
45.1	53.2	56.3	59.8	63.5	66.2	67.8	70.9	71.4	72.3	72.7	72.9	73.4	73.5	73.5	74.1	
47.6	57.2	61.7	64.5	68.4	71.3	72.8	76.1	76.4	77.6	78.2	78.6	79.0	79.3	79.3	79.8	
48.4	58.9	62.5	66.7	70.8	73.6	75.4	78.8	79.3	80.4	81.1	81.4	81.8	82.1	82.1	[illegible]	
48.7	59.5	63.2	67.6	71.7	74.6	76.6	79.9	80.4	81.6	82.3	82.6	83.1	83.3	83.3	83.9	
[illegible]	60.4	63.9	68.7	72.7	75.6	77.6	81.3	81.7	83.0	83.7	84.1	84.6	84.8	84.8	85.3	
49.1	60.3	64.0	68.8	72.9	76.1	78.1	82.2	82.8	84.0	84.7	85.1	85.6	85.8	85.8	86.4	
49.1	60.7	64.6	69.0	73.8	77.2	79.3	84.0	84.4	85.8	86.5	86.9	87.4	87.6	87.6	88.2	
49.1	60.5	64.7	70.0	74.5	78.2	80.4	85.3	86.0	87.3	87.9	88.4	89.0	89.3	89.3	89.9	
49.1	60.8	64.7	70.5	75.3	79.0	81.5	86.7	87.4	88.8	89.5	90.0	90.5	90.9	90.9	91.4	
49.1	60.9	64.8	70.7	75.6	79.5	82.3	87.9	89.0	90.5	91.4	91.9	92.6	92.9	92.9	93.6	
49.1	60.9	64.8	70.7	75.9	80.0	82.6	89.1	90.4	92.6	93.3	93.8	94.5	94.9	94.9	95.6	
49.1	60.9	64.8	70.7	75.9	80.0	82.6	89.3	90.6	93.5	94.5	94.9	95.6	96.2	96.2	97.3	
49.1	60.9	64.8	70.7	75.9	80.0	82.6	89.3	90.6	93.8	95.3	95.7	96.4	97.1	97.2	98.	

TOTAL NUMBER OF OBSERVATIONS 987

CEILING VERSUS VISIBILITY



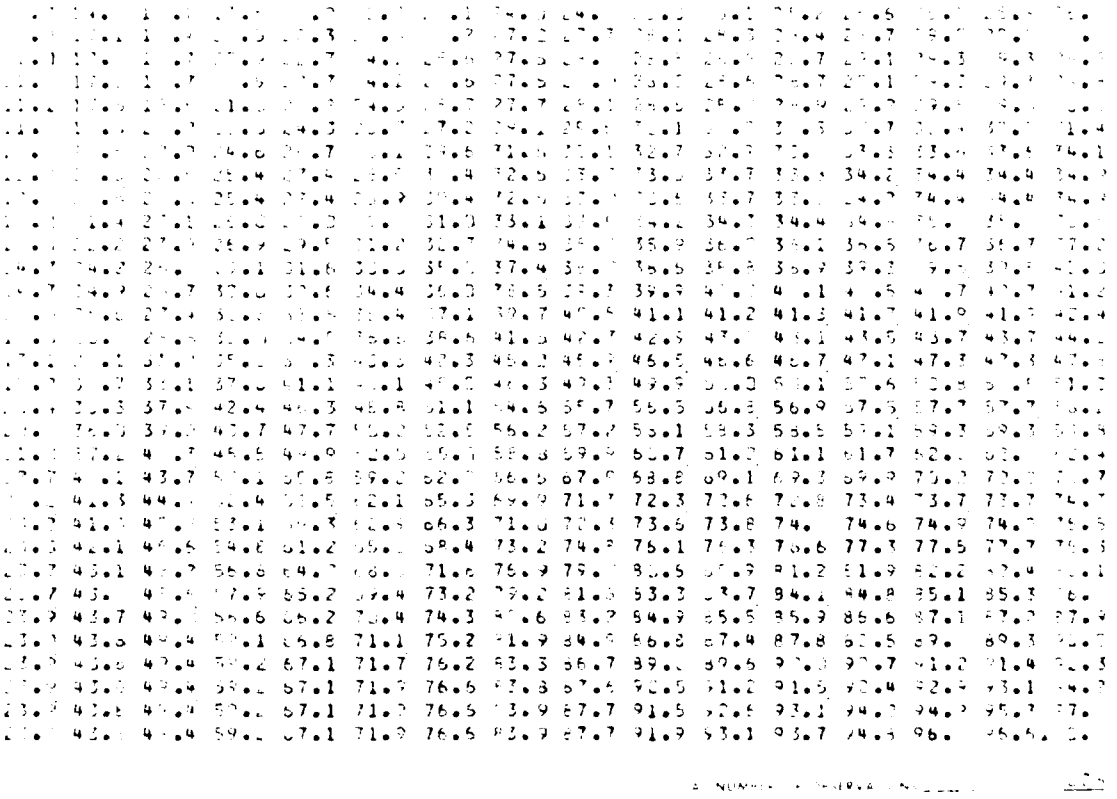
-97

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CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

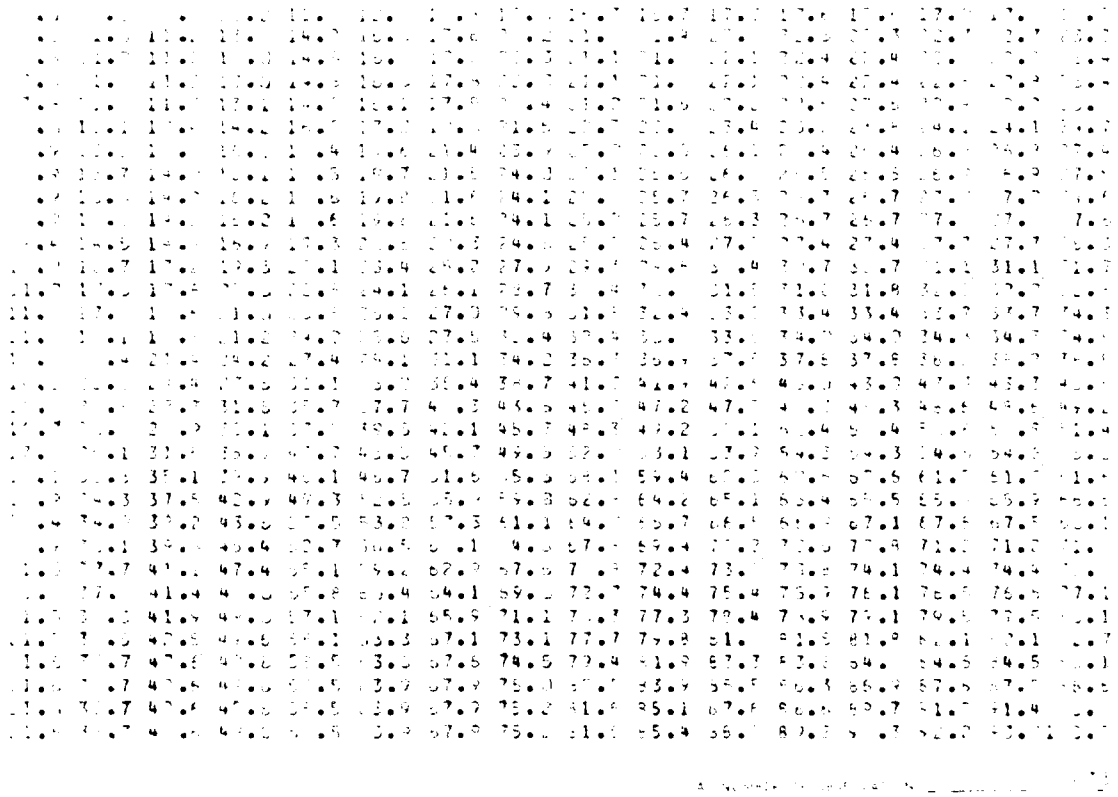


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CEILING VERSUS VISIBILITY

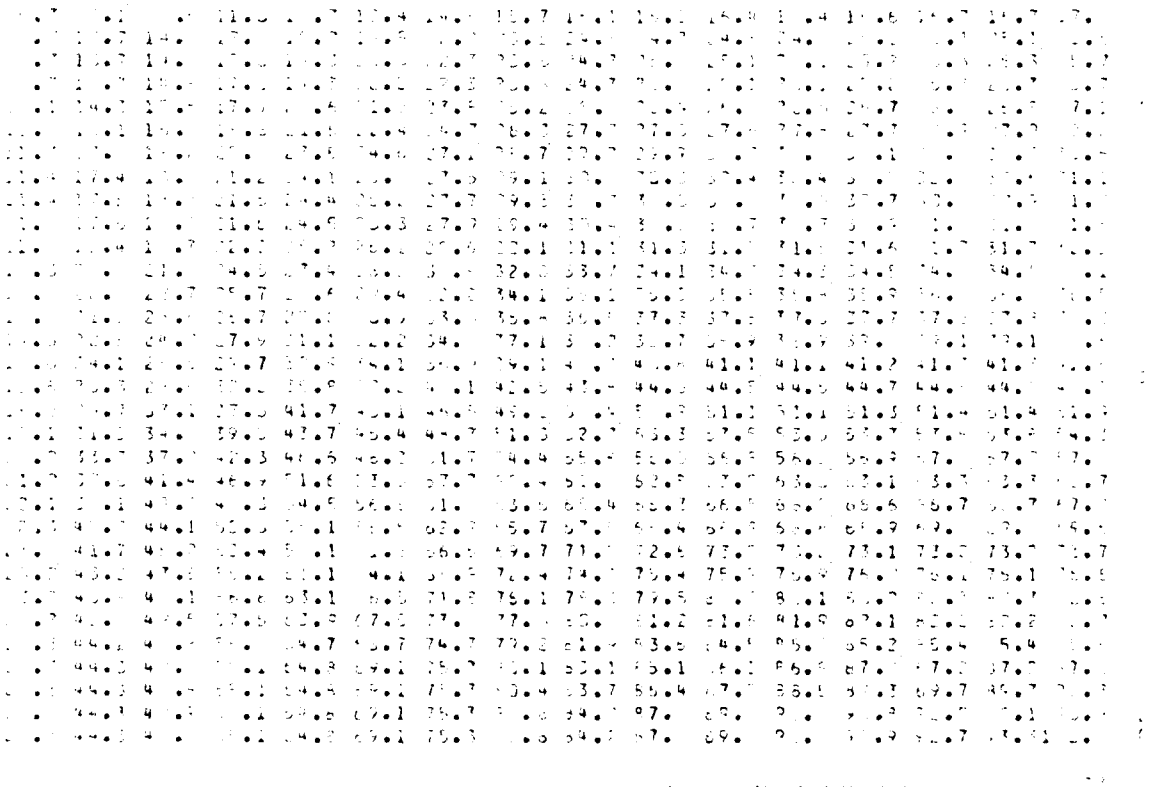
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CEILING VERSUS VISIBILITY



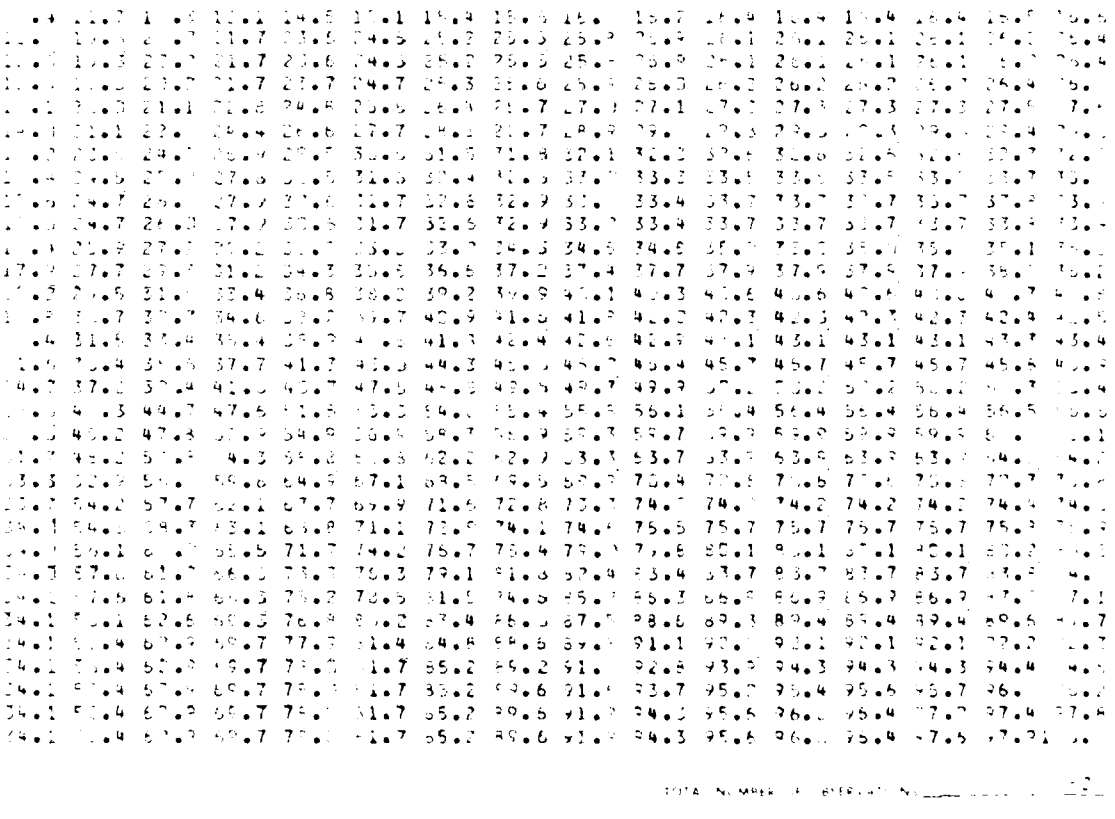
2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

L OAL CLIMATOLOGY BRANCH
AFCTAC
2 WEATHER SE VICE /MAC

CEILING VERSUS VISIBILITY

17.5	17.7	18.9	21.3	22.2	22.7	23.6	24.7	25.7	26.2	26.3	25.7	26.1	26.7	26.7		
25.7	28.1	31.1	31.7	32.7	33.5	34.9	35.5	36.4	36.4	36.4	36.5	36.5				
26.4	27.1	27.5	31.5	32.2	33.1	34.1	35.2	35.7	36.5	36.5	36.3	36.3	36.3	36.3		
25.4	26.1	26.5	31.5	32.2	33.1	34.1	35.2	35.7	36.3	36.5	36.5	36.5	36.5	36.9		
26.9	28.4	29.1	32.1	32.2	33.7	34.7	35.8	36.2	37.4	37.4	37.4	37.4	37.5	37.		
26.5	27.4	29.9	33.2	34.1	35.1	36.2	37.1	38.2	38.7	38.7	38.7	38.7	38.5	38.5		
28.2	29.1	31.6	33.1	36.2	37.1	38.3	39.4	40.5	41.1	41.1	41.1	41.1	41.2	41.2		
26.5	29.7	32.3	35.8	36.4	37.6	39.3	40.1	41.2	41.7	41.8	41.8	41.8	41.9	41.9		
29.1	29.2	32.6	36.2	37.1	38.2	39.4	40.5	41.7	42.2	42.2	42.2	42.2	42.2	42.2		
30.1	32.7	36.3	37.4	38.4	39.6	40.7	41.9	42.4	42.4	42.4	42.4	42.5	42.5			
31.1	33.7	37.1	38.2	39.3	40.3	41.2	42.3	43.3	43.5	43.5	43.5	43.5	43.5			
31.2	35.7	39.3	41.4	41.4	42.6	44.	45.1	45.6	45.6	45.7	45.7	45.7	45.7			
32.1	33.5	36.4	40.3	41.1	42.2	43.6	44.9	46.1	46.6	46.6	46.7	46.7	46.8	46.8		
33.1	34.6	37.5	41.1	42.2	43.2	44.7	46.2	47.2	47.7	47.7	47.8	47.8	47.9	47.9		
34.1	35.2	38.7	42.5	44.1	45.1	46.6	47.9	49.1	49.6	49.6	49.7	49.7	49.8	49.8		
37.2	39.7	42.7	47.2	48.9	50.1	51.7	53.7	54.4	54.9	54.9	55.2	55.	55.1	55.1		
41.2	43.7	47.9	52.6	54.5	55.7	57.7	59.4	60.6	61.1	61.1	61.2	61.2	61.2	61.3		
44.9	46.1	52.9	57.2	58.4	59.4	61.3	63.1	64.3	65.	65.4	67.9	67.9	68.0	68.	68.1	68.1
46.3	49.5	54.7	60.2	62.6	64.1	66.5	68.5	70.2	71.7	71.7	71.8	71.8	71.9	72.0		
49.9	51.7	58.1	64.6	66.9	68.5	71.1	73.3	75.2	75.5	75.9	76.1	76.2	76.2	76.2		
51.1	53.4	59.4	65.4	68.7	71.2	73.5	75.8	78.1	80.1	81.2	81.7	81.8	81.8	81.8		
51.1	51.3	55.3	62.5	67.9	72.9	74.9	78.1	81.4	82.4	83.1	83.2	83.4	83.4	83.5		
51.9	55.7	63.6	71.7	74.1	76.3	79.4	81.8	84.1	84.9	84.9	85.	85.	85.1	85.1		
52.2	56.4	64.2	71.8	74.7	77.1	80.7	83.1	85.4	86.1	86.2	86.3	86.3	86.5	86.5		
53.3	57.5	65.3	72.9	76.2	78.7	82.3	85.1	87.5	88.4	88.5	88.6	88.6	88.7	88.7		
53.8	58.2	66.7	74.5	77.7	80.4	84.6	87.1	89.8	9 .8	90.9	91.	91.	91.1	91.1		
53.7	58.7	66.9	74.7	78.3	81.3	85.6	88.1	90.9	91.8	92.2	92.1	92.1	92.2	92.2		
54.1	59.4	67.2	75.3	79.1	81.8	86.2	89.1	92.6	93.7	93.9	94.0	94.	94.1	94.1		
54.1	59.7	67.2	75.4	79.5	82.4	87.7	90.8	94.4	95.4	95.7	95.8	95.8	95.9	95.9		
54.1	59.7	67.2	75.8	79.9	83.9	88.7	91.9	95.8	97.3	97.2	97.4	97.4	97.5	97.5		
54.1	59.7	67.2	75.9	80.3	83.7	88.9	92.2	96.4	98.1	98.2	98.6	98.6	98.7	98.7		
54.1	59.7	67.2	75.9	80.3	83.9	88.9	92.2	96.4	98.1	98.3	98.8	98.8	99.2	99.2		

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

[illegible] NAL CLIMATOLOGY BRANCH
[illegible] FETAC
2 [illegible] WEATHER SERVICE/MAC

[illegible] BRIZE NORTON RAF [illegible] 73-82 [illegible]

[illegible] ALL

[illegible]	12.2	14.1	15.6	17.0	18.2	19.1	21.[illegible]	[illegible]	21.3	21.6	21.7	21.8	21.9	22.0	22.1		
18.5	19.[illegible]	19.7	21.2	23.1	24.3	25.7	27.1	27.9	28.2	28.4	28.6	28.7	28.[illegible]	28.9	29.2		
19.6	19.2	19.7	21.4	23.3	24.5	26.[illegible]	27.5	28.[illegible]	28.5	28.8	28.9	27.2	29.1	29.2	29.4		
19.6	19.2	19.[illegible]	21.4	23.3	24.5	26.[illegible]	27.5	28.[illegible]	28.5	28.8	28.9	29.[illegible]	29.1	29.2	29.4		
19.7	19.7	19.7	21.9	24.0	25.2	26.6	28.0	28.7	29.1	29.4	29.6	27.6	29.8	29.9	30.1		
17.2	19.6	2[illegible]	27.1	29.7	30.5	27.9	29.3	30.[illegible]	30.6	30.8	30.9	31.[illegible]	31.1	31.7	32.3		
24.1	31.2	33.[illegible]	25.0	27.4	28.7	29.[illegible]	31.7	32.4	33.[illegible]	33.3	33.4	33.5	33.6	33.7	34.[illegible]		
26.3	31.7	33.1	25.7	28.7	[illegible]9.5	31.1	32.5	33.[illegible]	33.6	34.1	34.2	34.3	34.4	34.5	34.6		
14.5	31.6	27.[illegible]	29.[illegible]	28.3	29.6	31.2	32.7	33.4	34.[illegible]	34.3	34.4	34.5	34.6	34.7	35.[illegible]		
14.4	32.3	27.4	29.1	28.5	29.9	31.5	32.9	33.7	34.2	34.6	34.7	34.8	34.9	35.[illegible]	35.3		
14.9	[illegible].5	24.2	27.3	27.5	30.9	32.5	34.[illegible]	34.9	35.3	35.7	35.[illegible]	35.9	36.[illegible]	36.1	36.4		
15.3	24.6	25.[illegible]	27.[illegible]	31.8	33.2	34.9	36.6	37.4	38.1	38.4	38.5	38.6	38.7	38.8	39.1		
16.7	25.6	27.7	31.2	33.1	34.6	36.5	38.2	39.1	39.5	4[illegible].1	4[illegible].2	40.4	40.[illegible]	40.[illegible]	41.[illegible]		
17.3	26.5	28.[illegible]	31.[illegible]	34.3	35.9	37.8	39.6	40.[illegible]	41.3	41.6	41.7	41.8	42.[illegible]	42.1	42.4		
17.9	27.4	29.[illegible]	32.3	35.5	37.1	39.1	41.[illegible]	42.[illegible]	42.6	43.[illegible]	43.1	43.2	43.[illegible]	43.4	43.7		
18.4	28.[illegible]	32.[illegible]	35.[illegible]	38.8	4[illegible].[illegible]	42.5	44.6	45.[illegible]	45.3	46.7	46.8	46.9	47.[illegible]	47.1	47.4		
21.4	31.[illegible]	35.7	39.[illegible]	42.7	44.[illegible]	46.7	48.[illegible]	5[illegible].[illegible]	5[illegible].[illegible]	51.3	51.4	51.5	51.6	[illegible].7	2[illegible]		
23.[illegible]	36.9	39.7	44.[illegible]	48.[illegible]	[illegible]0.1	52.4	54.[illegible]	56.[illegible]	57.[illegible]	57.5	57.6	57.8	57.[illegible]	58.[illegible]	[illegible]8.3		
24.3	[illegible]0.3	41.[illegible]	45.9	5[illegible].2	[illegible]2.[illegible]	54.7	57.1	58.[illegible]	59.4	59.9	6[illegible].[illegible]	60.2	60.[illegible]	60.4	60.7		
[illegible].2	40.4	43.6	48.7	53.5	55.[illegible]	58.2	[illegible].6	62.3	63.3	63.[illegible]	63.9	64.1	64.[illegible]	64.3	[illegible]4.6		
[illegible].6	43.9	47.4	53.[illegible]	58.9	[illegible].7	64.4	67.4	69.[illegible]	70.1	70.5	70.7	70.9	71.1	71.1	71.4		
[illegible].1	45.1	48.8	55.3	61.4	[illegible]4.4	67.4	[illegible].[illegible]	72.[illegible]	73.4	73.9	74.1	74.3	[illegible]4.4	74.5	[illegible]4.7		
[illegible].3	45.7	49.6	56.3	62.6	[illegible]5.7	68.8	72.[illegible]	[illegible]3.[illegible]	[illegible]5.[illegible]	75.5	75.7	75.9	76.[illegible]	76.1	[illegible]6.4		
[illegible].[illegible]	46.[illegible]	51.[illegible]	[illegible]2.[illegible]	[illegible]4.7	[illegible]6.[illegible]	71.3	75.[illegible]	76.8	[illegible]8.[illegible]	78.6	78.8	79.[illegible]	79.[illegible]	79.3	[illegible]9.6		
[illegible].7	47.8	52.[illegible]	[illegible]9.6	[illegible]6.[illegible]	[illegible].1	73.6	77.[illegible]	79.5	[illegible]0.9	[illegible]1.[illegible]	[illegible]1.7	[illegible]2.[illegible]	[illegible]2.1	[illegible]2.2	[illegible].[illegible]		
[illegible].[illegible]	48.2	52.[illegible]	[illegible]0.7	[illegible]8.[illegible]	71.7	[illegible]5.5	[illegible]9.9	[illegible]2.1	[illegible]3.6	[illegible]4.3	[illegible]4.[illegible]	[illegible]4.4	[illegible]4.[illegible]	[illegible]5.[illegible]	[illegible].4		
[illegible].[illegible]	48.[illegible]	53.[illegible]	61.4	[illegible]9.9	72.9	[illegible]6.[illegible]	[illegible]1.5	[illegible]3.[illegible]	[illegible]5.6	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.9	[illegible]7.1	[illegible]7.[illegible]	[illegible]7.6		
[illegible].[illegible]	48.7	53.[illegible]	[illegible]1.[illegible]	[illegible]9.[illegible]	73.8	[illegible]7.8	[illegible]3.[illegible]	[illegible]5.[illegible]	[illegible]7.5	[illegible]8.6	[illegible]8.9	[illegible]9.2	[illegible]9.4	[illegible]9.[illegible]	[illegible]9.9		
[illegible].[illegible]	48.7	53.[illegible]	[illegible]1.[illegible]	[illegible]9.[illegible]	[illegible]4.4	[illegible]7.[illegible]	[illegible]4.2	[illegible]7.[illegible]	[illegible]9.6	[illegible].[illegible].7	[illegible]1.1	[illegible]1.4	[illegible]1.6	[illegible]1.7	[illegible]2.1		
[illegible].[illegible]	48.[illegible]	53.[illegible]	[illegible]1.[illegible]	[illegible]9.[illegible]	[illegible]4.6	[illegible]7.9	[illegible]4.[illegible]	[illegible]8.[illegible]	[illegible]1.[illegible]	[illegible]2.[illegible]	[illegible]2.[illegible]	[illegible]2.[illegible]	[illegible]3.[illegible]	[illegible]3.7	[illegible]4.2		
[illegible].[illegible]	48.7	53.7	[illegible]1.[illegible]	7[illegible].[illegible]	[illegible]4.6	[illegible]7.9	[illegible]5.[illegible]	[illegible]8.7	[illegible]1.[illegible]	[illegible]2.6	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.7	[illegible]4.[illegible]		
[illegible].[illegible]	[illegible]	[illegible].7	53.7	[illegible]1.[illegible]	7[illegible].[illegible]	[illegible]4.6	[illegible]7.9	[illegible]5.[illegible]	[illegible]8.7	91.9	93.7	94.4	95.1	95.6	[illegible]5.[illegible]	[illegible].[illegible]	

[illegible] [illegible] 653

[illegible]

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CEILING VERSUS VISIBILITY

	34.2	27.7	29.9	30.1	33.7	34.8	35.3	35.4	35.6	35.6	36.6	36.7	37.	37.1	37.1	
	27.7	3 .8	34.6	37.9	39.5	41.7	43.1	43.4	43.6	43.8	43.8	43.9	44.	44.1	44.1	
	27.7	3 .8	34.6	37.6	39.7	41.8	43.2	43.5	43.8	43.7	43.8	43.9	44.1	44.2	44.2	
	27.7	30.8	34.6	37.6	39.7	41.8	43.2	43.5	43.8	43.8	43.8	43.9	44.1	44.2	44.2	
	30.	31.1	35.2	37.8	39.9	42.1	43.6	44.	44.2	44.2	44.2	44.3	44.5	44.6	44.6	
	31.8	38.1	38.2	39.9	41.2	43.5	45.1	45.4	45.6	45.6	45.6	45.7	45.9	46.1	46.1	
	36.3	37.3	37.7	40.2	43.3	46.6	47.1	47.5	47.7	47.7	47.7	47.8	48.	48.1	48.1	
	36.7	3 .7	38.3	41.6	44.3	46.4	47.9	48.2	48.5	48.5	48.5	48.5	48.8	48.9	48.9	
	3 .1	34.1	38.7	41.9	44.2	46.6	48.1	48.5	48.7	48.7	48.7	48.8	49.2	49.1	49.1	
	36.3	34.7	38.8	41.7	44.4	46.5	48.4	48.7	48.9	48.9	48.9	49.	49.2	49.2	49.3	
	3 .6	34.9	39.6	42.8	45.3	47.7	49.5	49.8	50.1	50.1	50.1	50.1	50.3	50.4	50.4	
	34.2	37.7	42.6	46.2	48.6	51.4	53.2	53.5	53.7	53.7	53.7	53.8	54.1	54.2	54.2	
	36.2	38.7	44.2	47.8	50.4	53.1	54.8	55.2	55.4	55.4	55.4	55.5	55.7	55.9	55.9	
	36.5	39.3	44.5	47.4	51.2	53.6	55.5	55.9	56.	56.1	56.1	56.1	56.4	56.5	56.5	
	36.2	4 .0	45.3	48.3	52.1	54.8	56.7	57.1	57.2	57.2	57.2	57.3	57.6	57.7	57.7	
	37.3	42.1	47.4	51.5	54.5	57.2	59.2	59.5	59.8	59.8	59.8	59.9	60.1	60.2	60.2	
	42.6	44.4	50.3	54.6	57.6	60.4	62.8	63.2	63.4	63.4	63.4	63.5	63.7	63.8	63.8	
	44.5	48.1	54.9	59.3	62.5	65.4	67.5	68.3	68.6	68.6	68.6	68.8	69.	69.1	69.1	
	46.1	5 .7	56.5	61.4	64.5	67.8	70.4	71.2	71.2	71.2	71.2	71.3	71.5	71.6	71.6	
	46.1	53.3	59.5	64.1	67.2	70.5	73.4	73.9	74.1	74.1	74.1	74.2	74.5	74.6	74.6	
	51.5	57.1	64.4	69.1	72.5	76.1	78.9	79.4	79.7	79.7	79.7	79.8	80.	80.2	80.2	
	53.2	58.8	66.2	71.2	74.8	78.5	81.6	82.1	82.5	82.5	82.5	82.6	82.8	82.9	82.9	
	54.3	59.8	67.7	72.9	76.6	80.5	83.7	84.2	84.5	84.5	84.5	84.6	84.8	85.	85.0	
	56.4	61.	69.6	74.9	78.9	83.2	86.7	87.4	87.7	87.7	87.7	87.8	88.	88.2	88.2	
	56.7	62.4	71.3	76.6	80.5	85.4	89.1	89.9	90.1	90.1	90.1	90.2	90.5	90.5	90.6	
	57.3	63.1	72.3	77.9	82.3	87.2	91.1	91.9	92.1	92.1	92.1	92.2	92.4	92.5	92.6	
	57.9	63.6	73.4	79.1	83.6	88.5	92.9	93.8	94.2	94.3	94.3	94.1	94.3	94.4	94.4	
	58.2	63.9	73.9	79.7	84.5	89.5	94.1	95.4	95.7	95.7	95.7	95.8	96.1	96.2	96.2	
	58.3	64.1	74.3	79.9	85.2	90.2	95.2	96.5	97.1	97.1	97.3	97.1	97.4	97.5	97.5	
	58.3	64.1	74.6	79.9	85.2	90.7	95.8	97.4	97.8	97.9	98.1	98.1	98.4	98.5	98.5	
	58.3	64.1	74.3	79.9	85.2	90.7	96.2	98.0	98.5	98.6	98.7	98.8	99.	99.1	99.1	
	58.3	64.1	74.3	79.9	85.2	90.7	96.2	98.	98.5	98.8	98.9	99.1	99.2	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS _____ 1

1 [illegible] CLIMATOLOGY BRANCH
[illegible] FLTAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SPIRE NORTON RAF UK [illegible] 73-87 [illegible]

[illegible]

14.2	21.3	23.1	23.7	24.3	25.2	25.4	27.4	31.1	34.1	35.1	37.1	38.2	38.4	38.5	39.5	
14.5	21.7	23.2	26.1	28.3	30.1	31.2	35.9	36.6	37.3	37.6	37.6	37.7	37.8	38.	38.3	
14.5	21.9	23.2	26.1	28.3	30.1	31.2	36.1	36.7	37.5	37.8	37.8	38.0	38.1	38.2	38.5	
15.1	21.9	23.2	26.1	28.3	30.1	31.2	36.1	36.7	37.5	37.8	37.8	38.0	38.1	38.2	38.5	
15.3	21.3	23.5	26.2	28.4	30.5	31.4	36.1	36.7	37.6	38.0	38.0	38.1	38.2	38.3	38.6	
15.4	21.7	24.1	27.3	29.4	31.2	32.3	37.3	38.2	38.6	39.2	39.2	39.4	39.5	39.6	39.9	
15.7	23.5	25.1	28.5	31.0	33.2	35.	41.1	41.	41.7	42.	42.	42.1	42.2	42.4	42.7	
15.9	24.1	25.7	30.1	32.4	34.5	36.3	42.2	43.1	43.6	43.9	43.9	44.1	44.2	44.3	44.6	
15.9	24.3	27.2	30.4	32.9	34.6	36.1	41.1	41.7	42.5	43.1	43.1	43.2	43.3	43.5	43.8	
15.8	24.5	27.3	30.6	33.0	35.	36.2	41.4	42.1	43.1	43.7	43.7	43.8	43.9	44.1	44.4	
15.9	25.3	27.9	31.4	33.9	35.8	37.2	42.1	43.	43.8	44.1	44.1	44.2	44.3	44.4	44.7	
15.7	27.4	3 .1	33.6	36.2	38.2	39.6	44.3	45.1	45.5	45.8	45.9	46.0	46.1	46.2	46.5	
21.2	28.4	31.1	35.2	38.1	41.1	41.5	46.3	47.1	48.4	48.7	48.7	48.8	48.9	49.1	49.4	
21.7	29.3	32.1	36.3	39.2	41.5	42.2	46.2	48.2	49.9	50.1	50.3	50.4	50.5	50.6	50.7	
21.7	29.4	32.2	36.7	39.7	42.1	43.0	48.3	49.2	50.7	51.0	51.2	51.2	51.3	51.4	51.7	
23.1	31.6	35.1	39.4	42.4	45.2	46.8	52.1	53.1	53.9	54.2	54.3	54.4	54.5	54.6	54.7	
24.3	34.8	38.7	42.2	46.2	48.3	50.8	56.3	57.7	58.1	58.4	58.4	58.5	58.6	58.7	58.1	
26.7	36.7	40.	46.5	51.8	54.9	56.7	62.6	63.6	64.4	64.7	64.7	64.8	64.9	65.1	65.1	
27.4	37.6	44.1	49.9	53.6	56.7	58.6	64.3	65.6	66.3	66.7	66.7	66.8	66.9	67.1	67.2	
28.7	42.7	47.3	52.4	56.7	59.8	62.3	68.3	69.7	70.1	70.4	70.4	70.5	70.6	70.7	71.1	
31.4	46.1	51.7	56.7	60.7	64.4	66.6	72.9	73.6	74.7	75.0	75.0	75.1	75.2	75.4	75.7	
31.9	47.3	52.9	58.2	63.3	67.1	69.5	76.3	77.1	77.8	78.1	78.1	78.2	78.3	78.4	78.6	
32.2	49.3	53.7	60.4	64.8	68.5	71.2	78.1	79.	79.8	80.1	80.1	80.2	80.3	80.4	80.7	
32.6	49.6	55.3	61.6	66.3	70.2	72.9	80.1	81.1	81.8	82.2	82.2	82.3	82.4	82.5	82.8	
32.7	51.4	56.1	62.7	67.5	71.7	74.8	82.5	83.5	84.3	84.6	84.6	84.7	84.8	84.9	85.2	
37.1	51.8	57.2	64.0	73.1	74.8	78.2	86.1	87.2	88.1	88.4	88.4	88.6	88.7	88.8	89.1	
38.3	54.5	57.8	65.7	71.2	76.2	79.9	88.3	89.4	90.3	90.6	90.6	90.8	90.9	91.0	91.3	
38.2	54.6	58.1	66.2	72.1	77.8	81.5	89.9	91.1	92.0	93.1	93.1	93.2	93.3	93.4	93.7	
38.3	54.7	58.3	66.4	72.4	78.1	82.0	91.3	93.2	94.8	95.3	95.4	95.5	95.6	95.7	96.1	
38.3	54.7	58.4	66.4	72.4	78.2	82.2	92.0	94.1	96.1	96.6	96.7	96.8	96.9	97.	97.4	
38.3	54.7	58.4	66.4	72.4	78.2	82.2	92.1	94.4	96.7	97.6	97.7	98.0	98.2	98.5	98.8	
38.3	54.7	58.4	66.4	72.4	78.2	82.2	92.1	94.5	96.7	97.6	97.8	98.3	98.8	99.1	99.4	

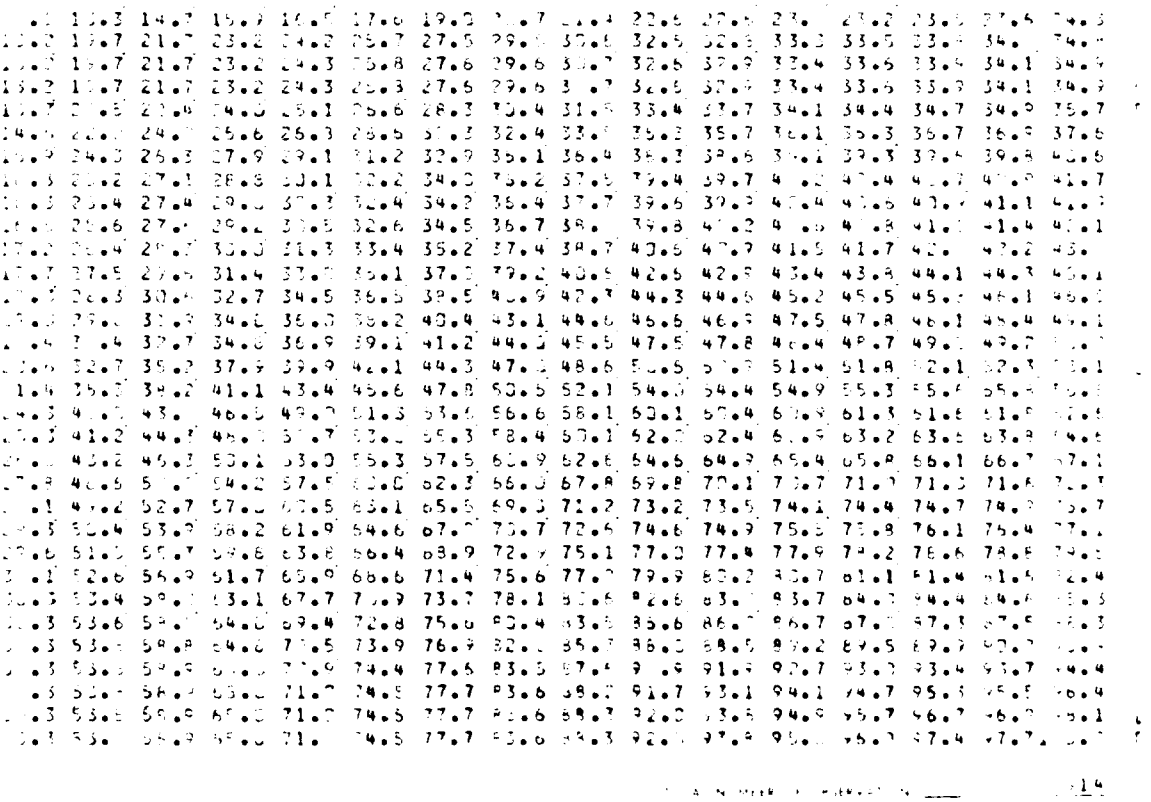
TOTAL NUMBER OF OBSERVATIONS [illegible]

...RAL CLIMATOLOGY BRANCH
...TAC
2 ...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ILE ...TION PAT ...K 73-0...

...



...14

2

CEILING VERSUS VISIBILITY

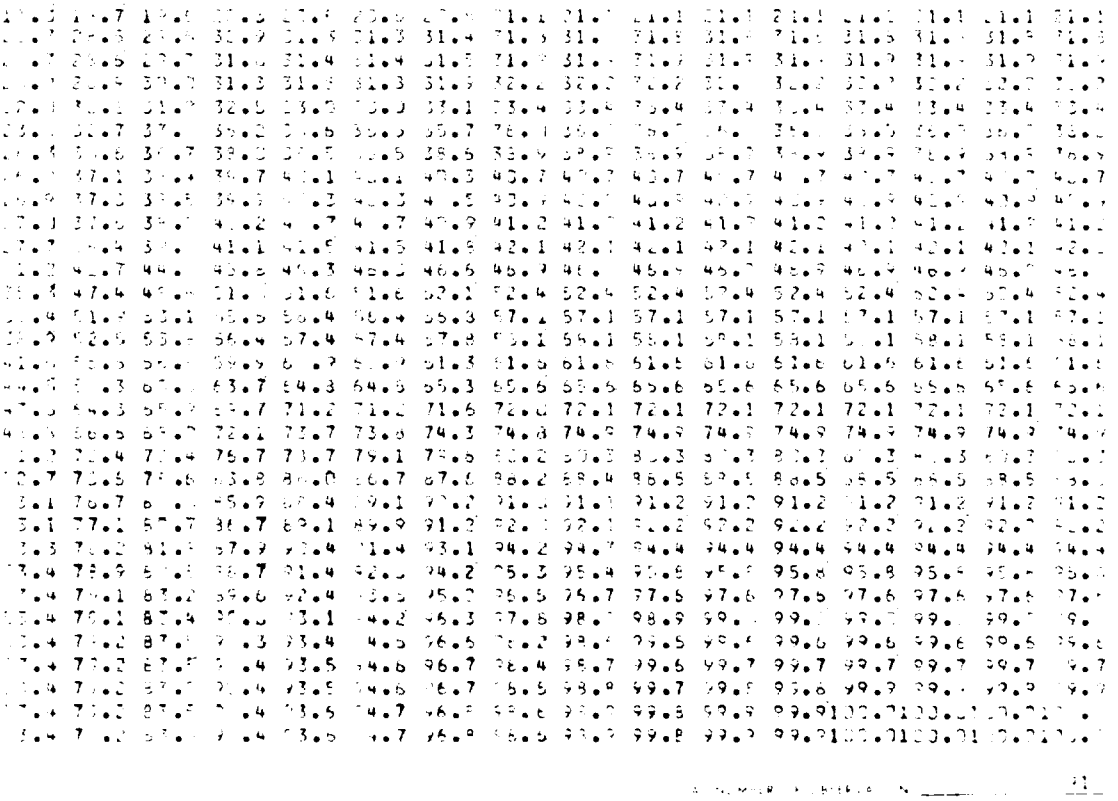
1.0	14.1	15.0	16.7	17.3	18.3	18.9	19.6	20.4	21.7	21.9	21.2	21.1	21.7	21.7	21.4	
10.1	12.3	27.4	24.6	26.9	28.1	27.3	30.6	31.3	31.9	31.9	32.3	32.3	32.4	32.4	32.1	
10.3	22.4	23.6	24.9	27.1	28.2	29.6	31.7	31.8	31.9	32.1	32.3	32.3	32.1	32.5	32.5	
15.1	22.4	23.5	24.9	27.1	28.2	29.6	31.7	31.8	31.9	32.1	32.3	32.3	32.5	32.5	32.5	
17.4	23.3	24.4	25.9	28.1	29.2	30.5	31.7	32.3	32.9	33.2	33.3	33.3	33.5	33.5	33.6	
19.2	24.4	25.6	27.2	29.3	31.5	31.9	33.0	33.5	34.2	34.4	34.5	34.5	34.5	34.5	34.7	
19.7	27.3	29.4	30.4	32.6	33.6	35.2	36.3	36.9	37.6	37.7	38.0	38.2	38.2	38.4	38.3	
20.1	27.7	29.5	31.0	33.8	35.0	36.6	37.7	38.3	39.1	39.2	39.4	39.4	39.6	39.6	39.7	
20.1	27.9	29.9	31.9	34.1	35.3	36.9	38.1	38.6	39.4	39.5	39.7	39.7	39.9	39.9	40.0	
20.1	27.9	29.9	31.9	34.1	35.3	36.9	38.1	38.6	39.4	39.5	39.7	39.7	39.9	39.9	40.0	
20.4	31.4	33.1	32.6	35.0	36.2	37.9	39.1	39.5	40.4	40.5	40.7	40.7	40.9	40.9	41.0	
21.1	31.1	31.0	34.6	37.1	38.3	39.9	41.1	41.7	42.6	42.7	42.9	42.9	43.1	43.1	43.2	
22.7	32.5	34.2	37.2	39.8	41.0	42.8	44.0	44.6	45.4	45.5	45.7	45.7	46.0	46.0	46.1	
24.4	33.2	37.1	40.3	42.9	44.3	46.2	47.5	48.1	48.9	49.0	49.3	49.3	49.6	49.6	49.7	
24.7	33.8	37.5	41.6	43.4	45.0	46.8	48.1	48.8	49.6	49.8	50.1	50.1	50.3	50.3	50.4	
25.0	37.6	39.5	42.9	45.6	47.2	49.1	50.5	51.2	52.1	52.3	52.6	52.6	52.8	52.8	53.0	
25.1	37.9	42.2	46.2	49.0	50.7	52.6	54.0	54.7	55.6	55.8	56.1	56.1	56.3	56.3	56.5	
31.2	40.2	47.6	51.6	54.6	56.3	58.3	59.7	60.5	61.4	61.5	61.9	61.9	62.1	62.1	62.3	
33.3	47.6	51.2	54.3	57.2	59.1	61.1	62.5	63.2	64.1	64.3	64.7	64.7	64.9	64.9	65.0	
34.4	51.6	54.3	58.4	61.6	63.7	65.6	67.1	67.8	68.8	69.1	69.4	69.4	69.6	69.6	69.7	
39.4	57.4	61.3	64.9	68.5	70.8	72.8	74.3	75.1	76.0	76.3	76.6	76.6	76.8	76.8	76.9	
39.7	59.5	62.7	67.6	71.2	73.7	75.9	77.6	78.7	79.6	79.9	80.2	80.2	80.4	80.4	80.5	
40.3	60.1	63.3	68.6	72.3	75.1	77.1	79.1	79.9	80.9	81.1	81.4	81.4	81.6	81.6	81.7	
41.4	61.2	64.9	70.4	74.3	77.2	79.5	81.4	82.5	83.6	83.9	84.2	84.2	84.5	84.5	84.6	
41.6	61.9	65.9	71.8	75.3	79.3	81.7	83.6	84.9	86.0	86.3	86.7	86.7	86.9	86.9	87.0	
41.7	62.2	67.4	73.9	79.1	82.4	85.1	87.6	88.8	90.0	90.4	90.7	90.7	90.9	90.9	91.0	
42.7	63.7	67.5	74.3	80.0	83.6	86.7	89.5	90.8	92.2	92.6	92.9	92.9	93.1	93.1	93.2	
42.7	63.2	67.5	74.6	81.5	84.4	87.4	90.7	92.0	93.8	94.2	94.5	94.6	94.9	94.9	95.0	
42.7	63.2	67.5	74.9	81.7	84.9	88.2	91.8	93.7	96.2	96.7	97.0	97.3	97.5	97.5	97.6	
42.7	63.2	67.5	74.8	81.9	84.9	88.1	92.0	94.0	96.9	97.6	97.9	98.2	98.5	98.5	98.6	
42.7	63.2	67.5	74.8	81.9	84.9	88.1	92.0	94.0	97.0	97.9	98.2	98.8	99.3	99.3	99.6	
42.7	63.2	67.5	74.8	81.9	84.9	88.1	92.0	94.0	97.0	97.9	98.2	98.8	99.3	99.5	99.7	

TOTAL NUMBER OF OBSERVATIONS ____ 3114

2

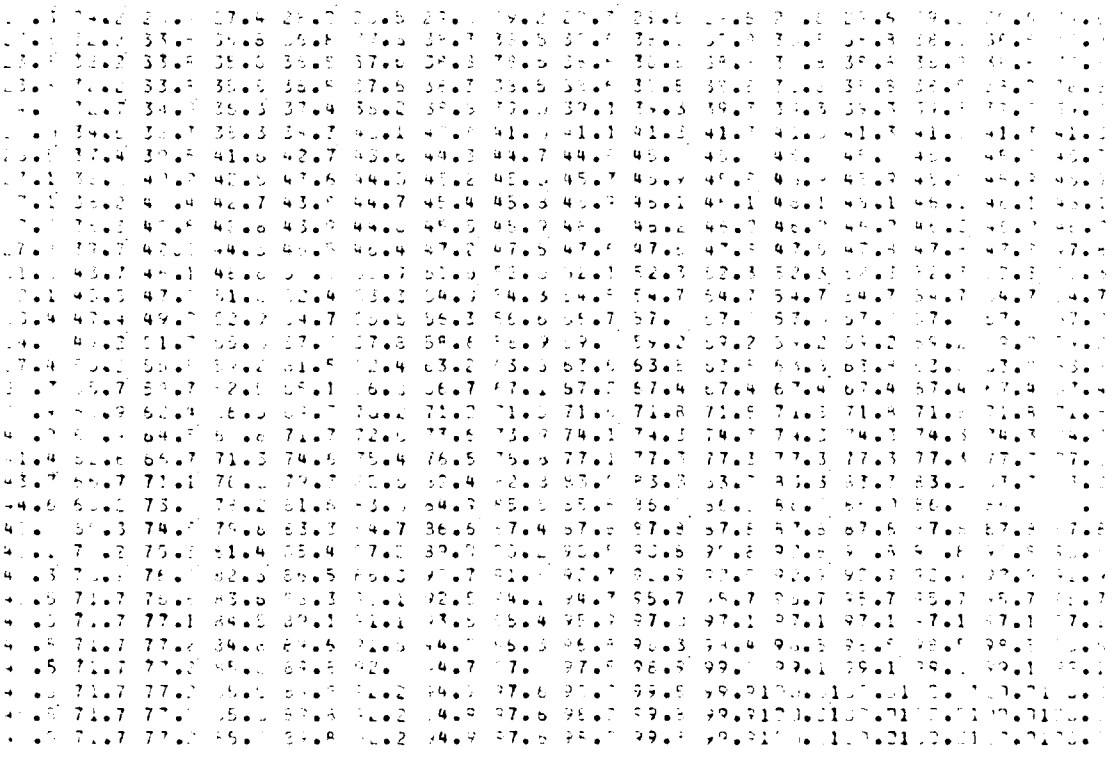
CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



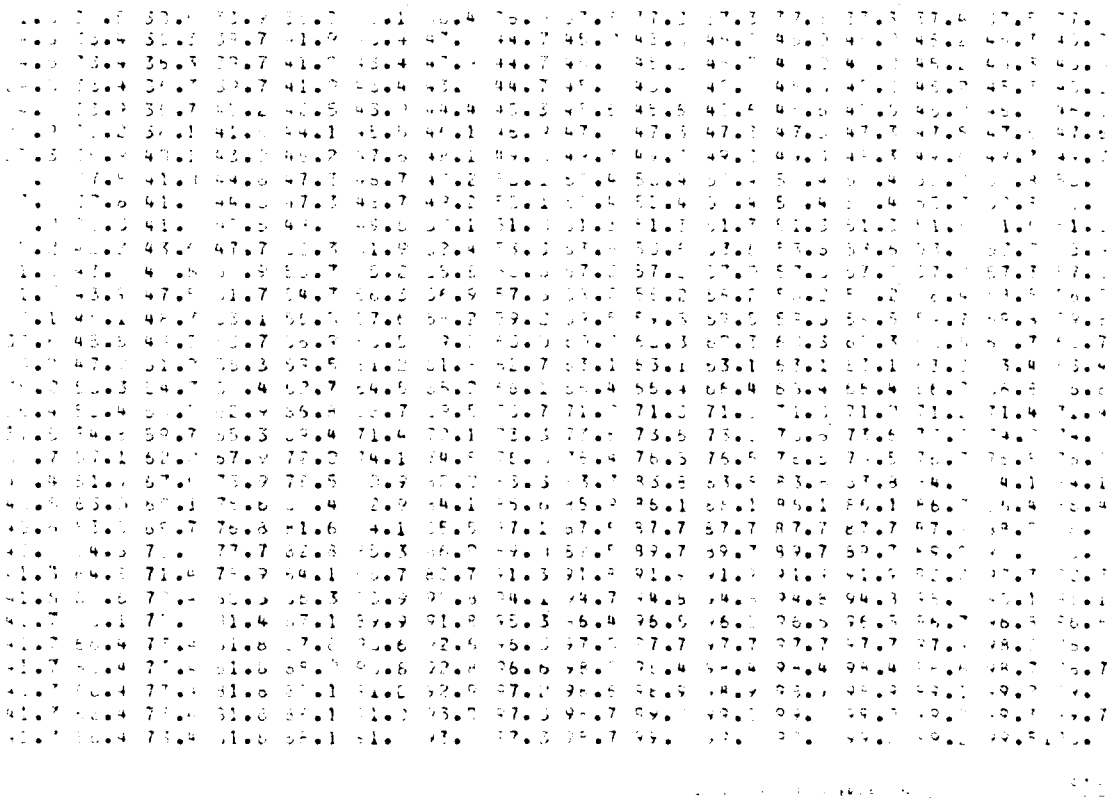
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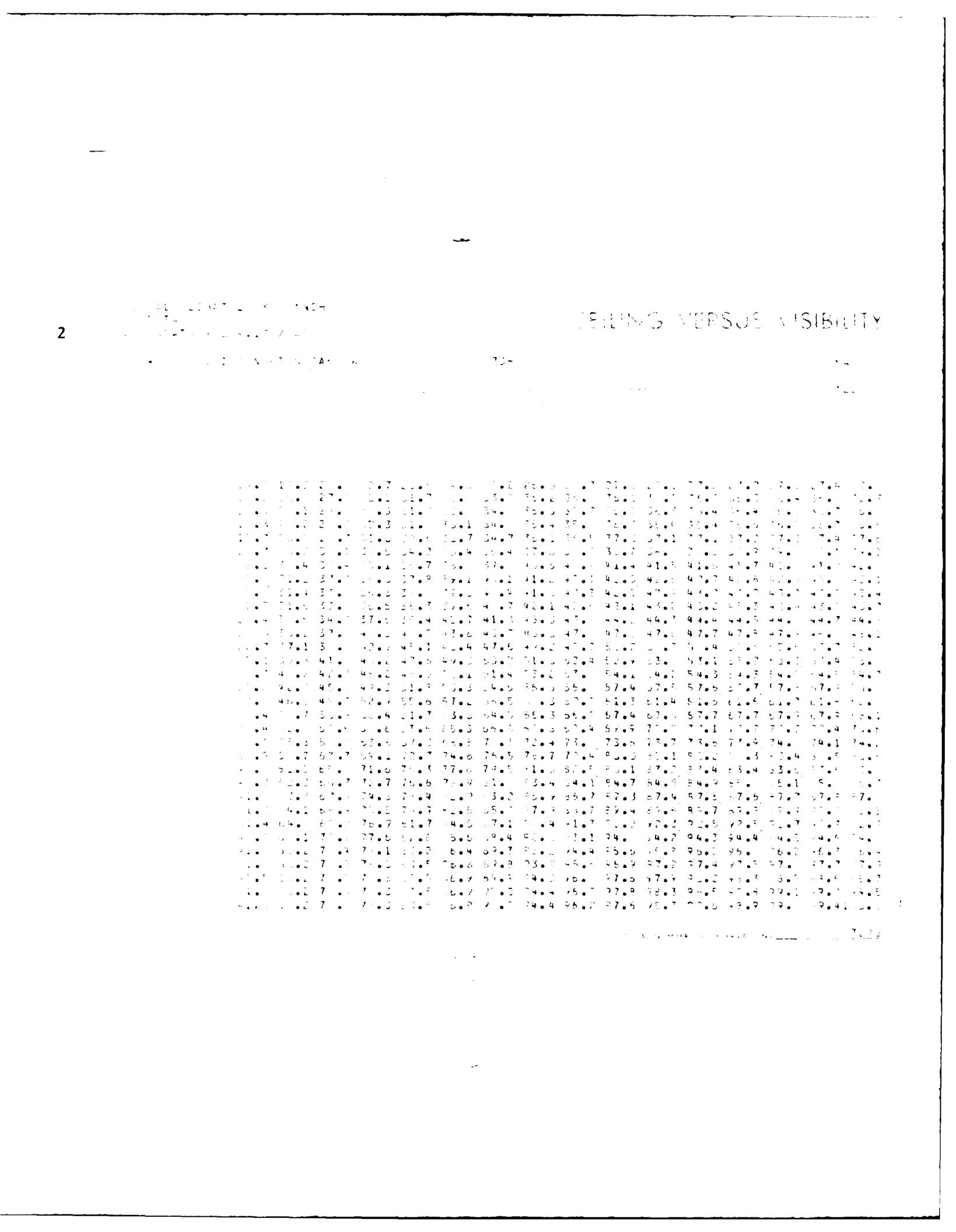
CEILING VERSUS VISIBILITY



2

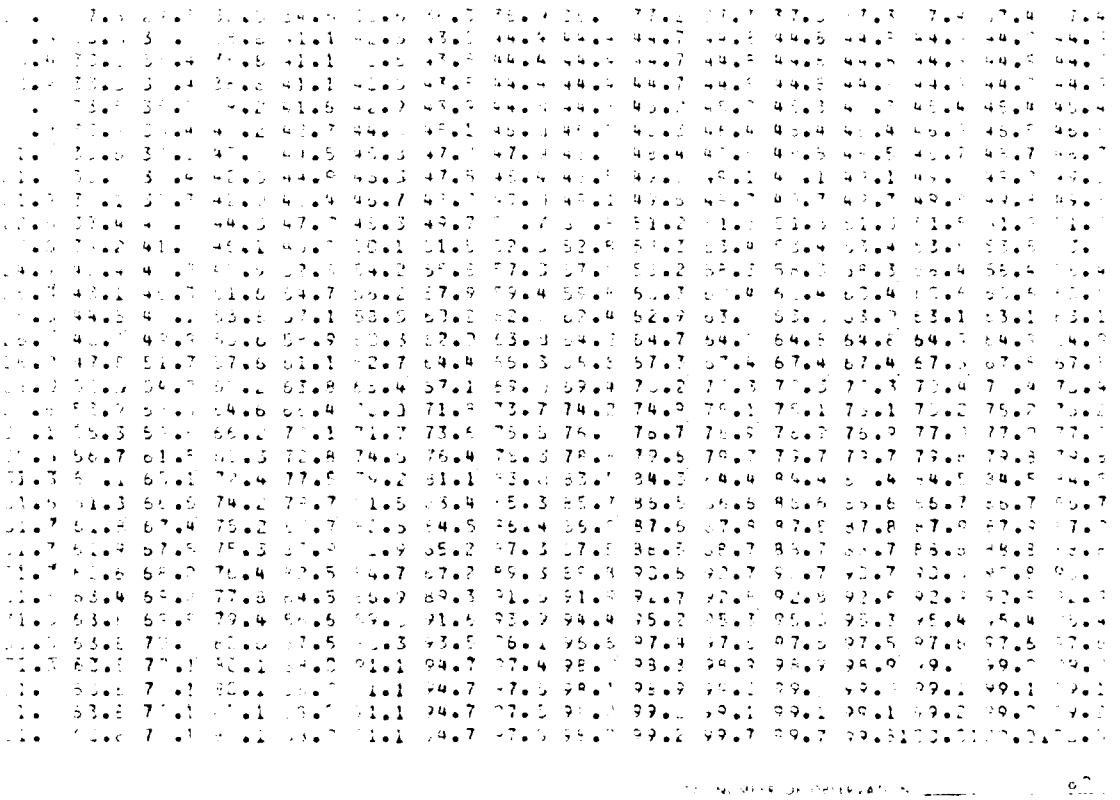
CEILING VERSUS VISIBILITY





2

CEILING VERSUS VISIBILITY



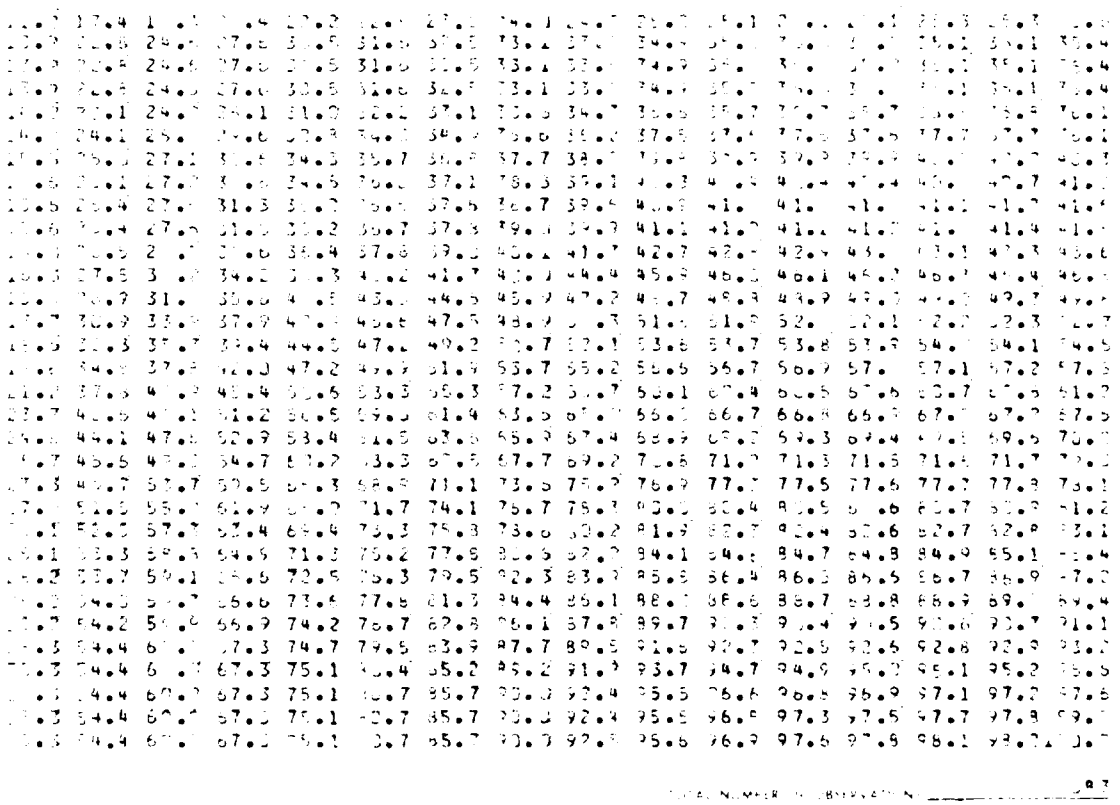
2

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

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

4 GRIDLEY-NORTON RAF [illegible]

[illegible]

[illegible] TOTAL NUMBER OF OBSERVATIONS [illegible]

1

2

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

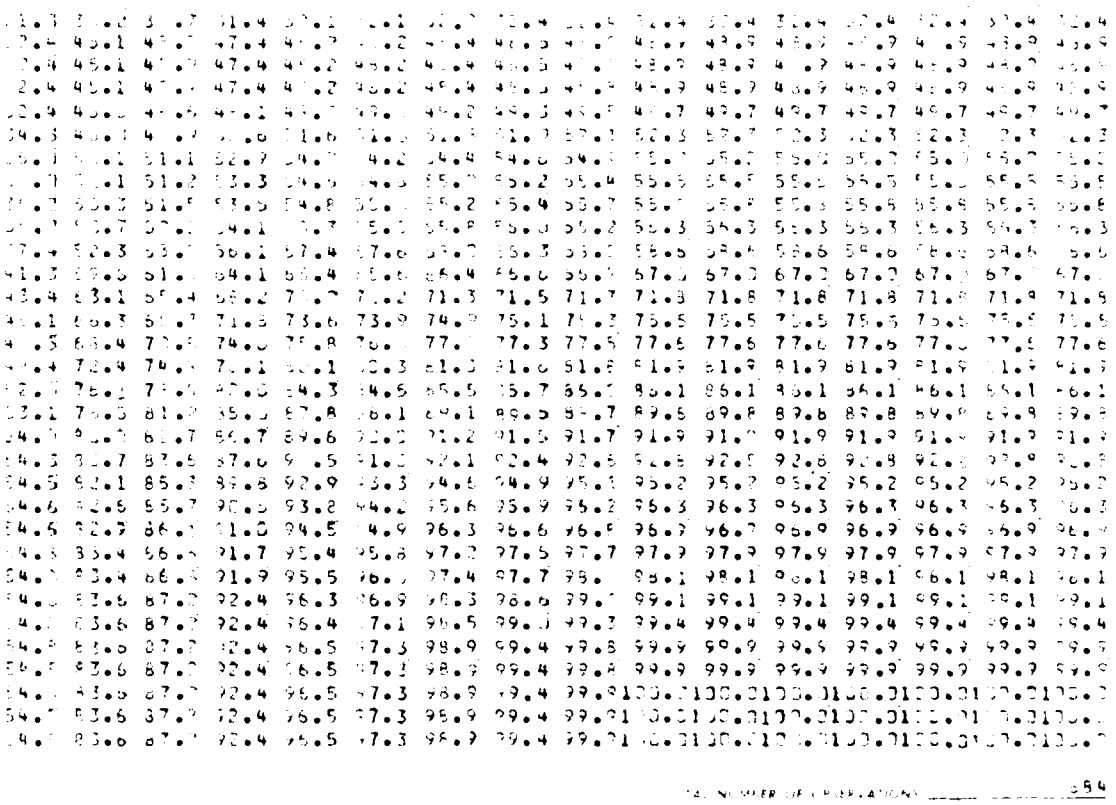
BRIZE NORTON RAF UK 73-67

CEILING VERSUS VISIBILITY

[illegible]	24.5	25.3	25.5	25.7	25.7	25.7	[illegible]	25.8	25.8	25.8	25.8	25.8	[illegible]	[illegible]	[illegible]
[illegible]	37.9	38.6	39.1	39.6	39.6	39.6	40.1	40.1	40.1	[illegible]	[illegible]	40.1	40.1	40.1	[illegible]
[illegible]	37.9	[illegible]	39.1	39.6	39.6	39.6	40.1	40.1	40.1	40.1	[illegible]	40.1	[illegible]	40.1	[illegible]
32.7	37.9	[illegible]	39.1	39.6	39.6	39.6	40.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	38.2	39.1	39.3	39.9	39.9	39.9	40.3	40.7	40.3	[illegible]	[illegible]	[illegible]	[illegible]	40.3	[illegible]
34.2	39.9	[illegible]	41.1	41.7	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
[illegible]	43.4	[illegible]	[illegible]	45.5	45.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
[illegible]	[illegible]	45.2	45.5	46.3	46.4	46.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37.4	44.2	[illegible]	46.1	46.7	46.6	46.9	47.3	47.3	[illegible]	47.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37.7	44.5	[illegible]	46.4	47.0	47.1	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	49.4	[illegible]	[illegible]	[illegible]	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	[illegible]
47.2	[illegible]	[illegible]	61.6	62.4	62.6	62.9	63.3	[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	[illegible]
[illegible]	63.2	[illegible]	66.4	67.3	67.5	67.7	68.2	[illegible]	68.2	[illegible]	68.2	68.2	68.2	[illegible]	[illegible]
[illegible]	68.2	[illegible]	71.5	72.4	72.6	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
[illegible]	71.5	[illegible]	74.7	75.7	75.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
[illegible]	74.9	77.1	[illegible]	79.3	79.5	79.7	80.2	[illegible]	80.2	80.2	80.2	[illegible]	80.2	[illegible]	[illegible]
[illegible]	79.2	81.8	83.1	84.1	84.4	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	[illegible]
62.5	[illegible]	85.5	87.1	88.3	88.6	88.8	89.2	[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	[illegible]
63.2	84.0	86.9	88.4	89.7	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	[illegible]	[illegible]
63.3	85.1	[illegible]	89.9	91.3	91.6	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	[illegible]
63.3	87.3	[illegible]	93.3	94.8	95.4	95.7	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	[illegible]
63.9	88.1	[illegible]	94.7	96.4	96.7	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	[illegible]
63.9	88.3	92.2	94.9	96.6	97.2	97.5	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	[illegible]
[illegible]	88.6	92.5	95.6	97.5	98.1	98.4	99.2	99.2	99.3	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]
64.1	88.8	92.6	95.6	97.6	98.3	98.8	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
64.1	88.8	92.6	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	95.8	97.8	98.5	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS 984

2

CEILING VERSUS VISIBILITY

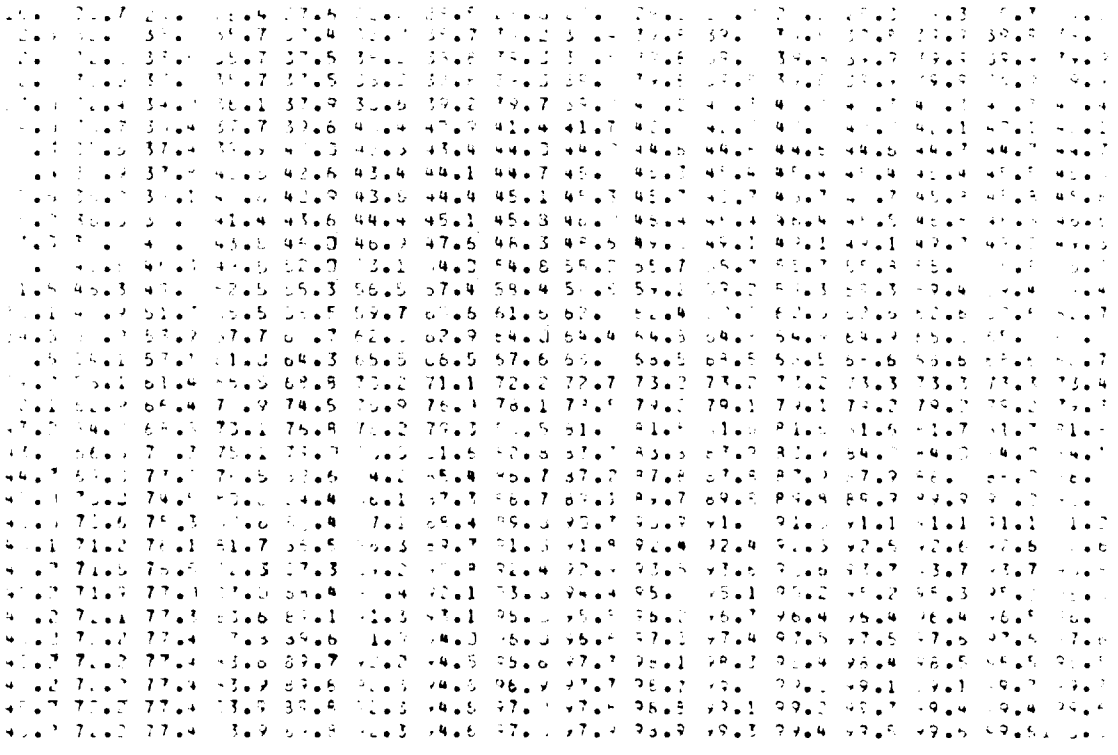
[illegible]	35.7	37.[illegible]	39.[illegible]	41.1	41.4	41.5	41.5	41.[illegible]	41.6	41.5	41.6	41.4	41.4	41.4	41.5
[illegible].4	43.1	45.6	48.[illegible]	49.8	50.5	50.7	50.7	50.7	50.8	50.8	50.[illegible]	50.[illegible]	50.	50.8	50.[illegible]
30.4	43.2	45.7	48.[illegible]	49.9	50.6	50.8	50.8	50.8	51.[illegible]	51.	51.	51.[illegible]	51.	51.[illegible]	51.[illegible]
30.4	43.2	45.7	48.1	49.9	50.[illegible]	50.[illegible]	50.[illegible]	50.[illegible]	51.[illegible]	51.[illegible]	51.	51.[illegible]	51.	51.[illegible]	51.
[illegible]	43.5	46.1	48.8	50.4	51.1	51.7	[illegible]	51.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	44.2	46.7	49.2	51.1	51.7	52.0	52.0	52.[illegible]	52.1	52.1	52.1	52.1	52.1	52.1	52.1
[illegible].4	46.3	49.[illegible]	51.9	53.9	54.6	55.[illegible]	55.[illegible]	55.[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2
[illegible]	46.5	49.[illegible]	52.1	54.1	54.[illegible]	55.2	55.2	55.[illegible]	55.5	55.5	55.5	55.5	55.[illegible]	55.5	55.5
[illegible].5	46.6	49.4	52.2	54.2	54.[illegible]	55.3	55.3	55.7	55.6	55.6	55.6	55.5	55.6	55.6	55.6
[illegible]	47.[illegible]	4[illegible]	53.[illegible]	55.3	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
[illegible]	49.5	5[illegible]	55.[illegible]	58.3	59.1	59.6	59.7	59.7	60.0	60.[illegible]	60.[illegible]	60.[illegible]	[illegible]	60.[illegible]	60.[illegible]
[illegible]	54.8	5[illegible]	62.[illegible]	65.5	66.[illegible]	66.[illegible]	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6
[illegible]7.	56.4	6[illegible]	64.9	68.4	69.[illegible]	69.9	70.3	70.[illegible]	70.5	70.5	70.5	70.5	70.5	70.5	70.[illegible]
[illegible]	57.5	61.[illegible]	66.4	70.1	70.[illegible]	71.5	72.[illegible]	72.[illegible]	72.2	72.2	72.2	72.2	72.2	72.2	72.2
[illegible].7	58.7	63.[illegible]	67.6	71.7	72.4	73.1	73.6	73.6	73.6	73.8	73.6	73.8	73.8	73.8	73.8
[illegible]	60.[illegible]	65.7	71.3	74.2	75.[illegible]	75.7	76.2	76.[illegible]	76.4	76.4	76.4	76.4	76.4	76.4	76.4
[illegible]1.1	63.2	6[illegible]	73.5	77.8	78.6	79.3	79.8	79.[illegible]	80.0	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
[illegible].7	67.4	7[illegible]	7[illegible]	82.9	83.9	84.6	85.[illegible]	85.[illegible]	85.3	85.3	85.3	85.3	85.3	85.3	85.3
[illegible]	6[illegible].7	74.4	7[illegible].6	84.3	85.3	85.9	86.4	86.4	86.5	86.5	86.[illegible]	86.6	86.6	86.6	86.6
[illegible]	6[illegible]	75.4	[illegible]	85.7	86.7	87.5	88.2	88.[illegible]	88.4	88.4	88.4	88.4	88.4	88.4	88.4
[illegible]	71.4	77.4	83.[illegible]	88.8	89.[illegible]	90.7	91.[illegible]	91.7	91.5	91.6	91.6	91.6	91.6	91.6	91.[illegible]
[illegible]	7[illegible]	7[illegible]	84.4	90.0	91.[illegible]	91.9	92.[illegible]	92.[illegible]	92.8	92.8	92.8	92.8	92.[illegible]	92.8	92.[illegible]
[illegible]	7[illegible]	7[illegible]	84.[illegible]	90.7	91.9	92.[illegible]	93.5	93.[illegible]	93.8	93.8	93.8	93.8	93.8	93.8	93.[illegible]
[illegible]	73.[illegible]	7[illegible]	85.4	91.8	9[illegible]	93.[illegible]	94.[illegible]	94.[illegible]	94.8	94.8	94.8	94.8	94.8	94.8	94.[illegible]
[illegible]	73.6	[illegible]	86.4	92.9	94.	95.3	96.1	96.1	95.3	96.7	96.3	96.3	96.3	96.3	96.3
[illegible]	73.[illegible]	8[illegible]	86.6	93.4	94.6	96.[illegible]	96.7	96.7	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.	97.[illegible]	97.[illegible]
[illegible]	74.1	87.7	87.[illegible]	93.[illegible]	95.2	96.6	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
[illegible]	74.[illegible]	8[illegible]	[illegible]7.4	94.3	95.5	97.[illegible]	97.[illegible]	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	74.4	81.	87.5	94.5	95.7	97.2	98.[illegible]	98.7	98.8	98.8	98.8	98.8	98.[illegible]	98.8	98.[illegible]
[illegible]	74.4	81.	87.6	94.6	95.6	97.3	98.[illegible]	99.	99.5	99.6	99.6	99.6	99.6	99.6	99.[illegible]
[illegible]	74.4	81.	87.6	94.6	95.6	97.3	99.[illegible]	99.1	99.7	99.7	99.7	99.8	99.[illegible]	99.8	99.[illegible]
[illegible]	74.4	81.	87.6	94.6	[illegible]	97.3	99.1	99.7	99.9	99.9	99.9	100.0	100.	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]83

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

CEILING VERSUS VISIBILITY

[illegible]

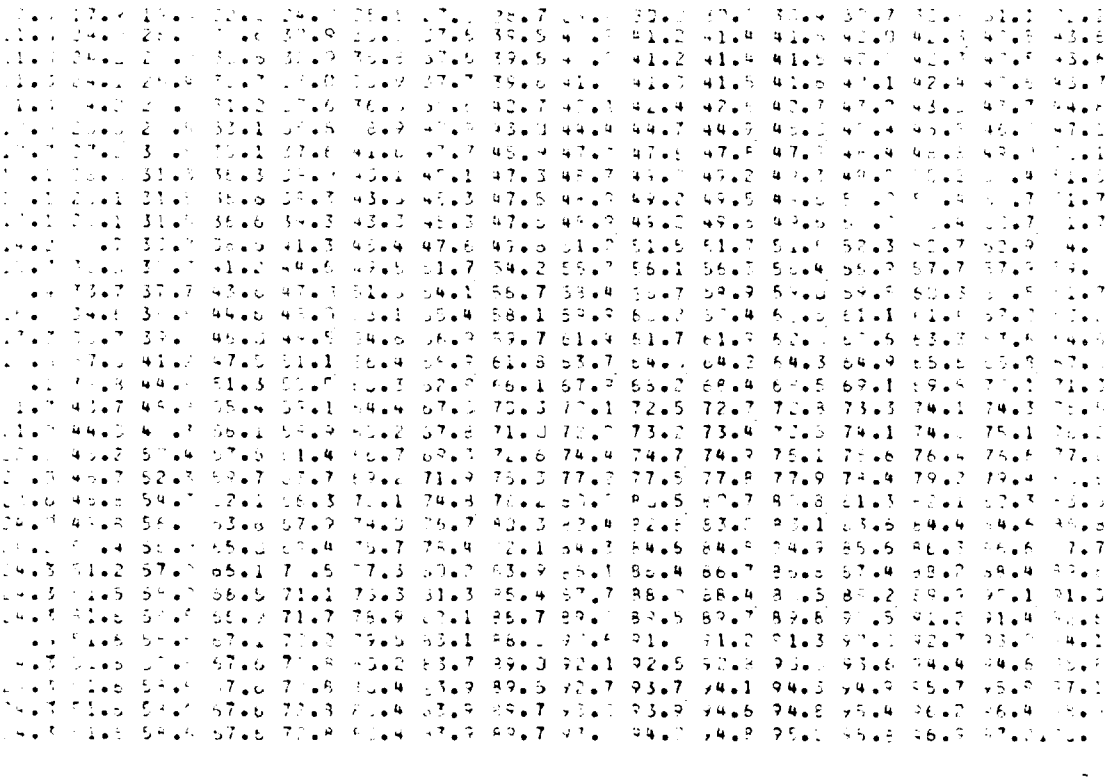


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CEILING VERSUS VISIBILITY

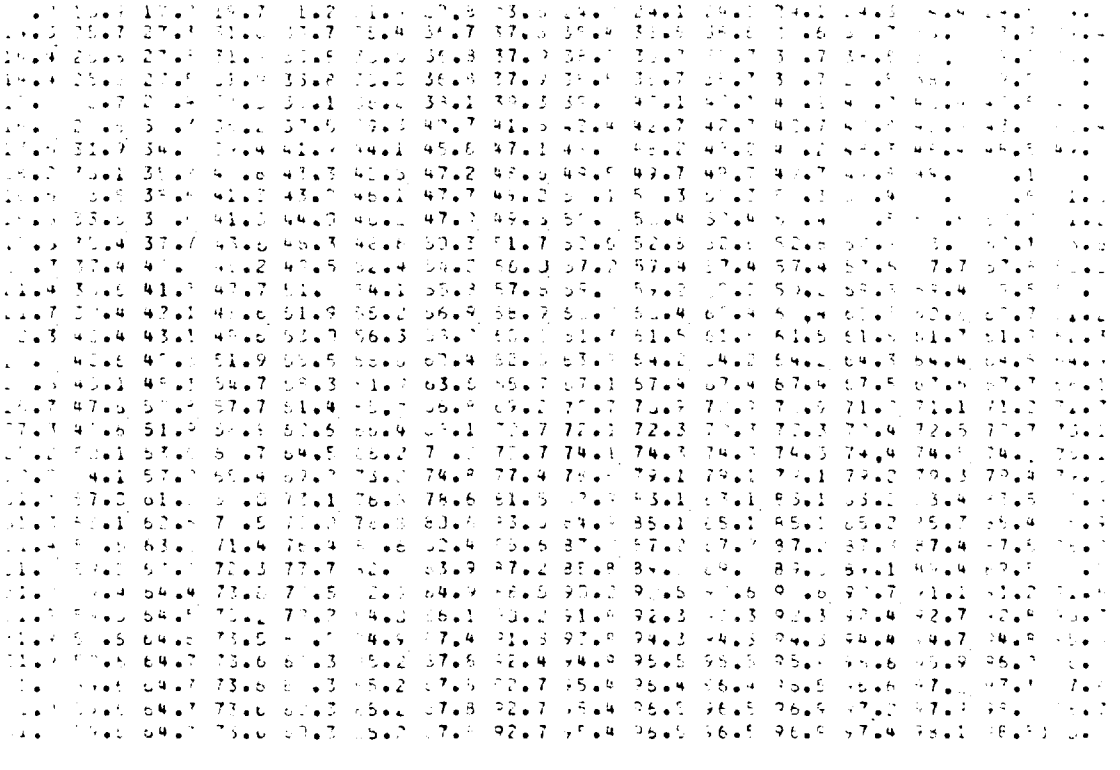
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CEILING VERSUS VISIBILITY

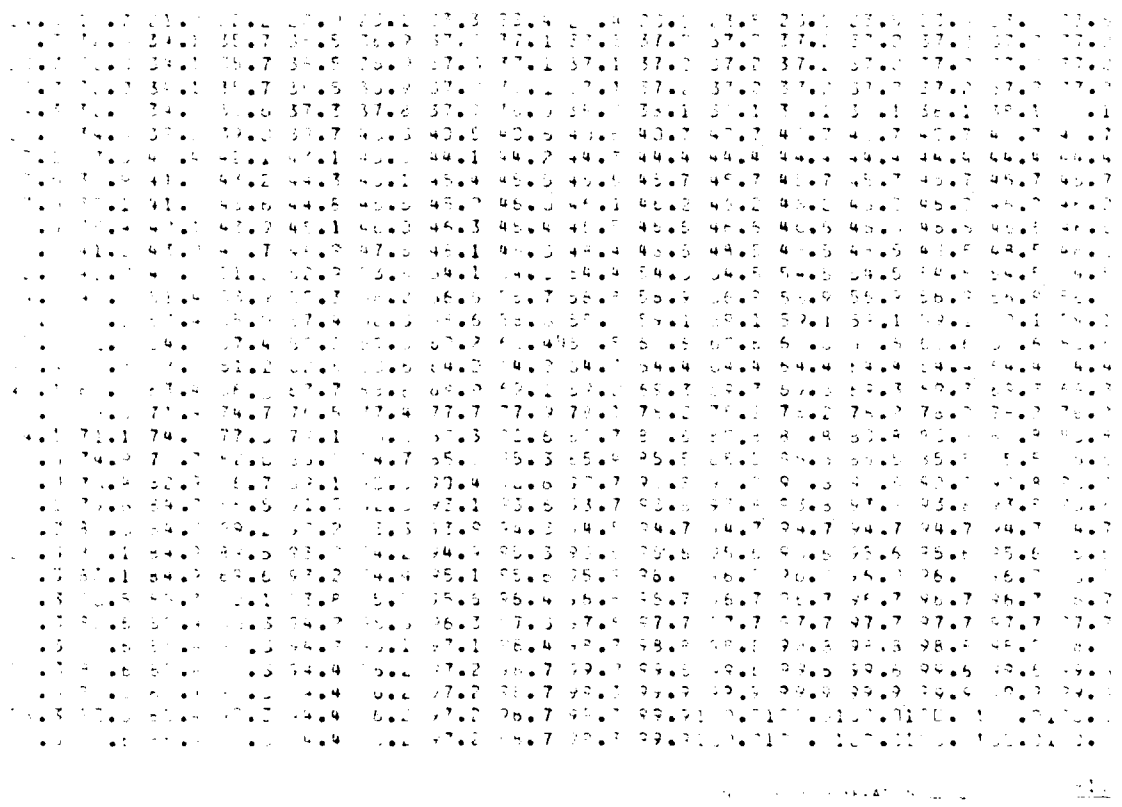


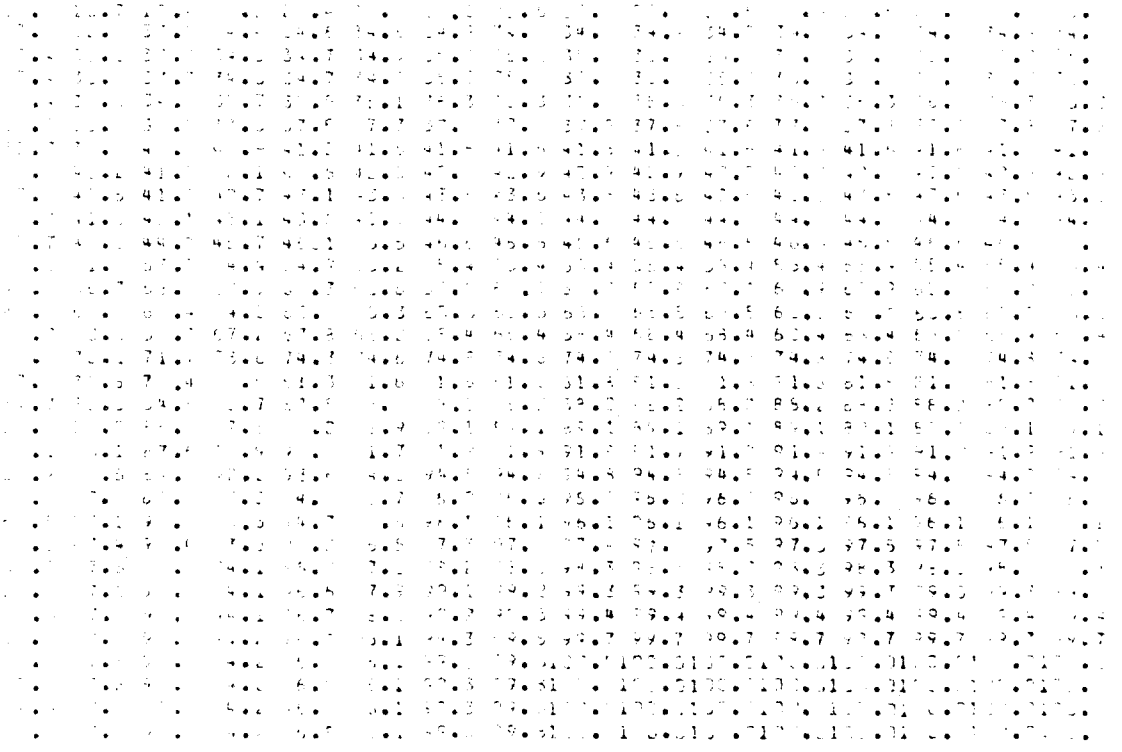
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CEILING VERSUS VISIBILITY



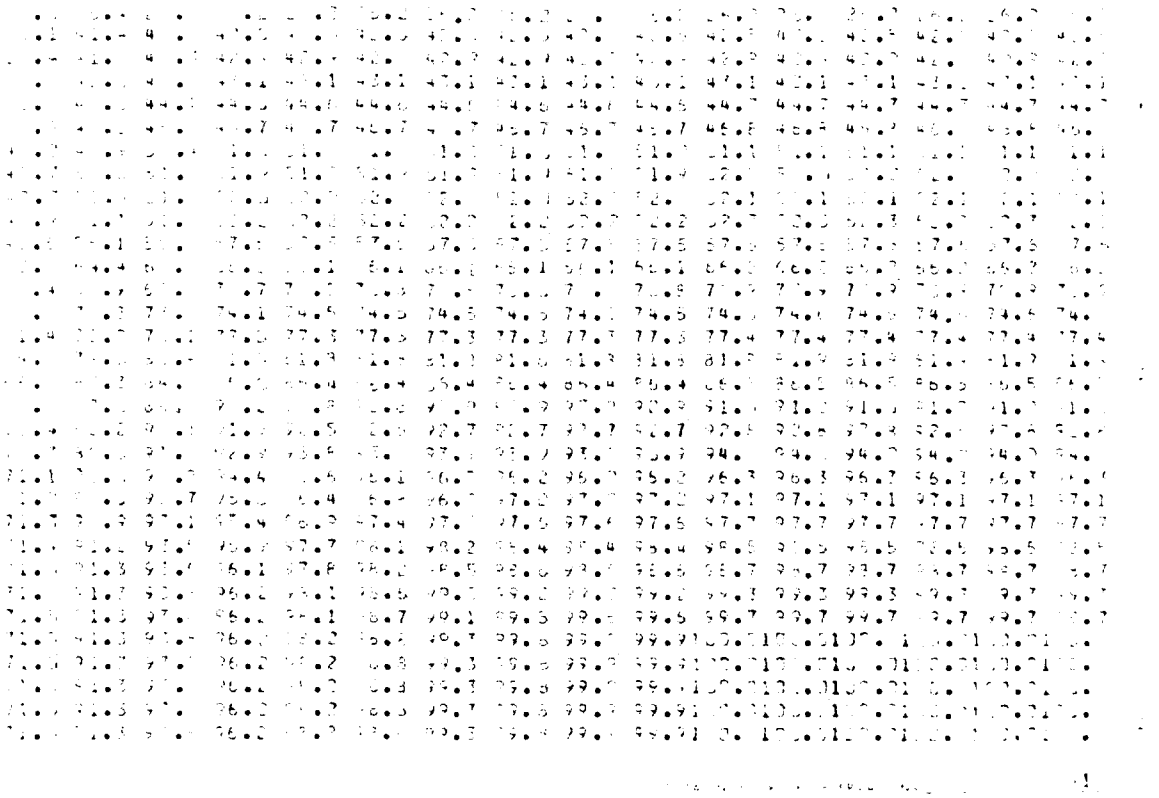
CEILING VERSUS VISIBILITY





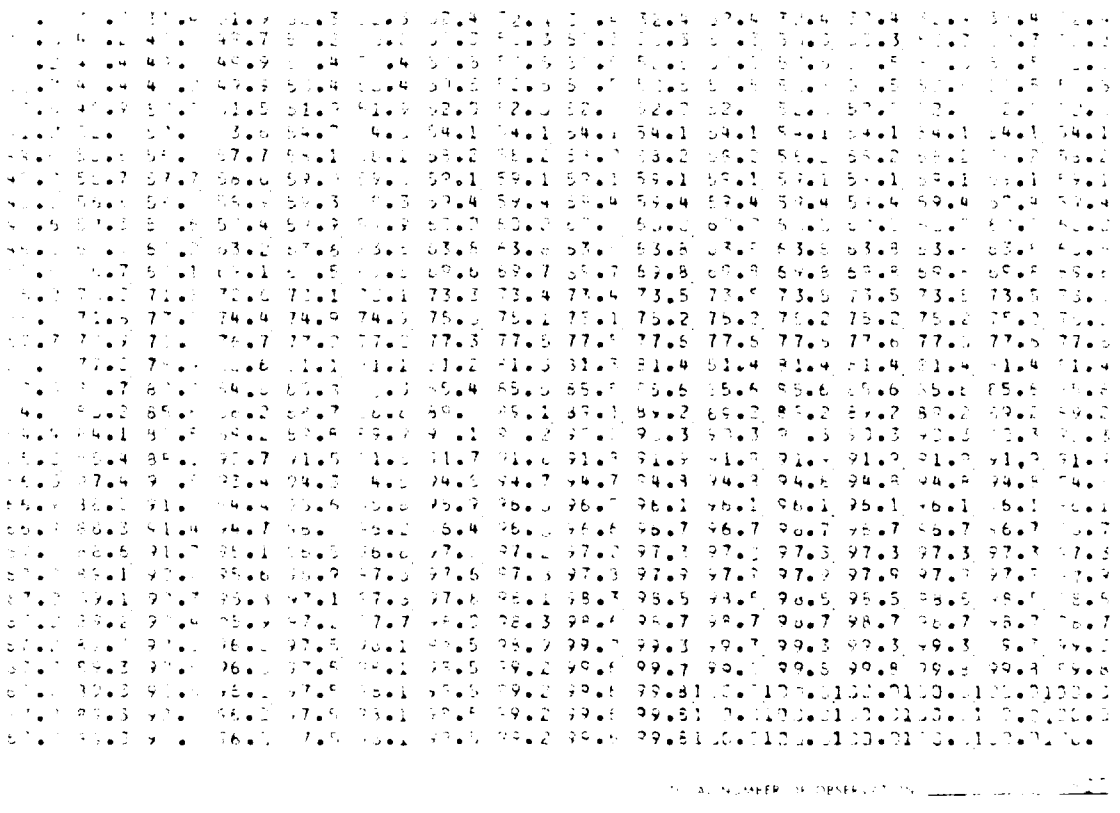
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CEILING VERSUS VISIBILITY



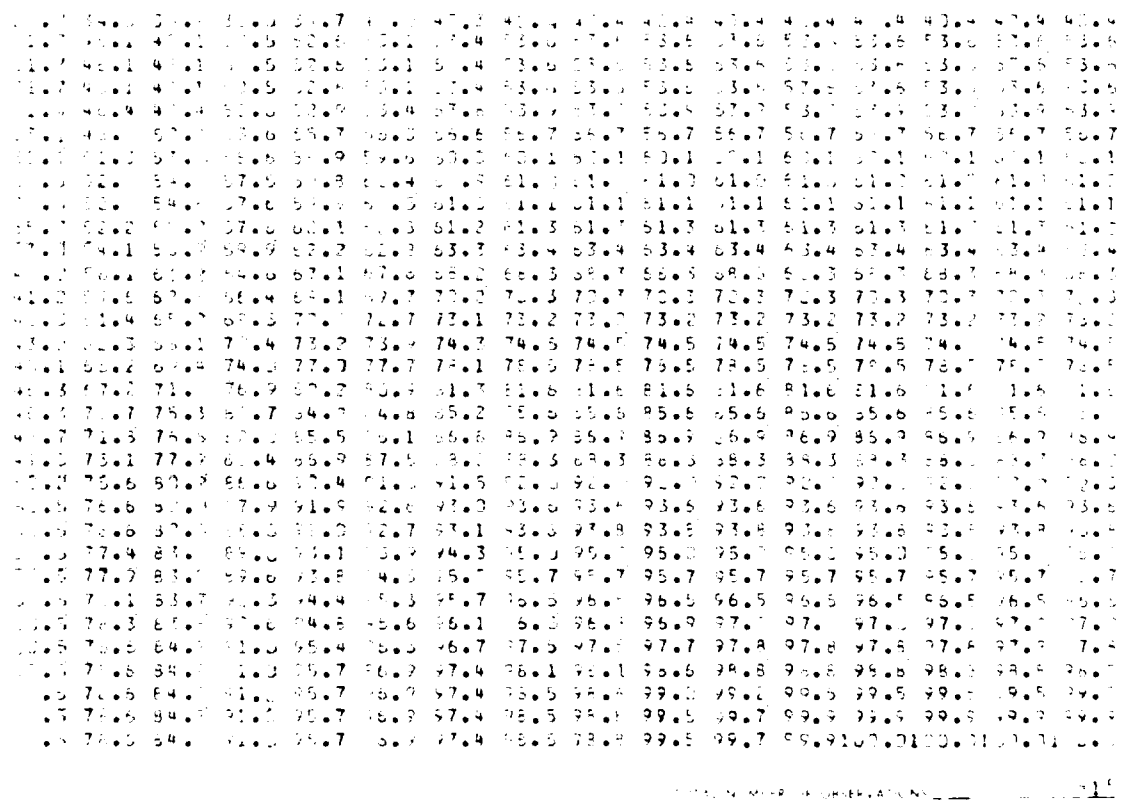
2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

22.6	33.5	39.4	42.1	44.5	45.5	45.1	46.4	46.9	46.3	46.7	46.8	46.8	46.8	46.7	46.8	
33.3	37.0	44.5	47.4	50.7	51.8	52.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	
33.7	37.4	44.7	47.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	
33.7	37.4	44.7	48.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	
33.7	37.4	44.7	48.4	51.1	52.3	53.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	
33.3	41.3	47.6	49.4	52.2	53.3	54.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	
37.6	43.7	48.5	52.3	55.7	56.2	57.1	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	
37.1	43.6	48.1	53.2	56.0	57.1	58.1	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	
38.3	43.9	48.4	53.7	56.4	57.6	58.6	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	
38.7	44.6	50.2	54.5	57.3	58.5	59.5	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	
39.1	46.9	51.6	57.3	60.3	61.7	62.7	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	
39.2	46.7	55.4	61.1	63.4	64.8	66.1	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
39.4	51.3	57.7	62.2	65.6	67.2	68.2	70.1	70.7	70.8	71.3	71.3	71.3	71.3	71.3	71.4	
39.7	54.6	59.6	63.8	67.3	68.9	70.0	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.4	
39.8	55.3	59.8	65.1	68.9	70.5	71.6	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	74.0	
39.9	55.5	61.2	67.4	71.2	72.8	73.9	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.5	
39.7	57.1	63.4	69.2	72.9	74.4	75.6	77.6	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	
39.1	57.1	65.6	71.2	75.0	76.7	78.1	79.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	
38.6	57.9	66.4	72.1	76.1	77.8	79.0	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.1	
39.1	61.7	67.5	73.3	77.2	79.1	80.3	82.7	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.4	
41.3	62.7	69.4	75.9	80.2	81.9	83.1	85.6	86.1	86.0	86.1	86.1	86.1	86.1	86.1	86.2	
41.3	63.9	71.8	77.4	81.8	83.6	84.9	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.9	88.0	
42.3	64.2	71.1	77.8	82.2	84.1	85.3	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5	
42.5	64.9	71.7	78.8	83.4	85.6	87.0	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2	
42.3	65.7	72.9	80.4	85.1	87.3	88.8	91.2	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1	
42.4	66.2	73.4	81.8	86.5	88.0	90.4	93.2	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.2	
42.5	66.4	73.5	82.3	87.8	89.6	92.2	94.8	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.8	
42.5	66.6	73.9	82.6	88.4	91.2	93.9	96.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	
42.7	66.6	74.2	82.9	88.9	91.6	93.3	96.9	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.3	
42.8	66.6	74.2	82.9	89.1	91.9	93.7	97.2	98.4	98.5	98.6	98.7	98.8	98.9	98.9	99.0	
42.5	66.6	74.2	83.0	89.2	92.0	93.8	97.5	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.7	
42.5	66.6	74.2	83.0	89.2	92.0	93.8	97.5	98.9	99.0	99.2	99.4	99.7	99.9	99.9	100.	

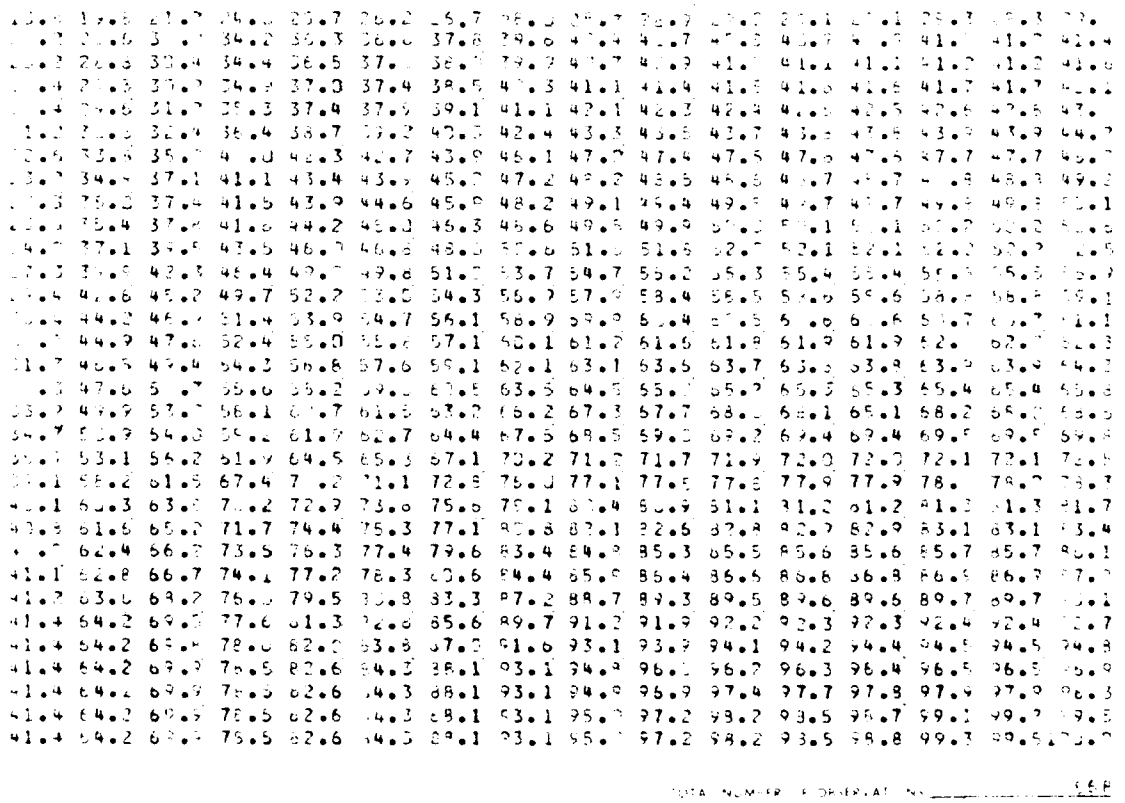
NO. NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



[illegible] CLIMATOLOGY BRANCH
[illegible]

2 [illegible] WEATHER SE VICE/MAC

CEILING VERSUS VISIBILITY

[illegible] FIXED WEATHER STATION [illegible] 73-80 JUN

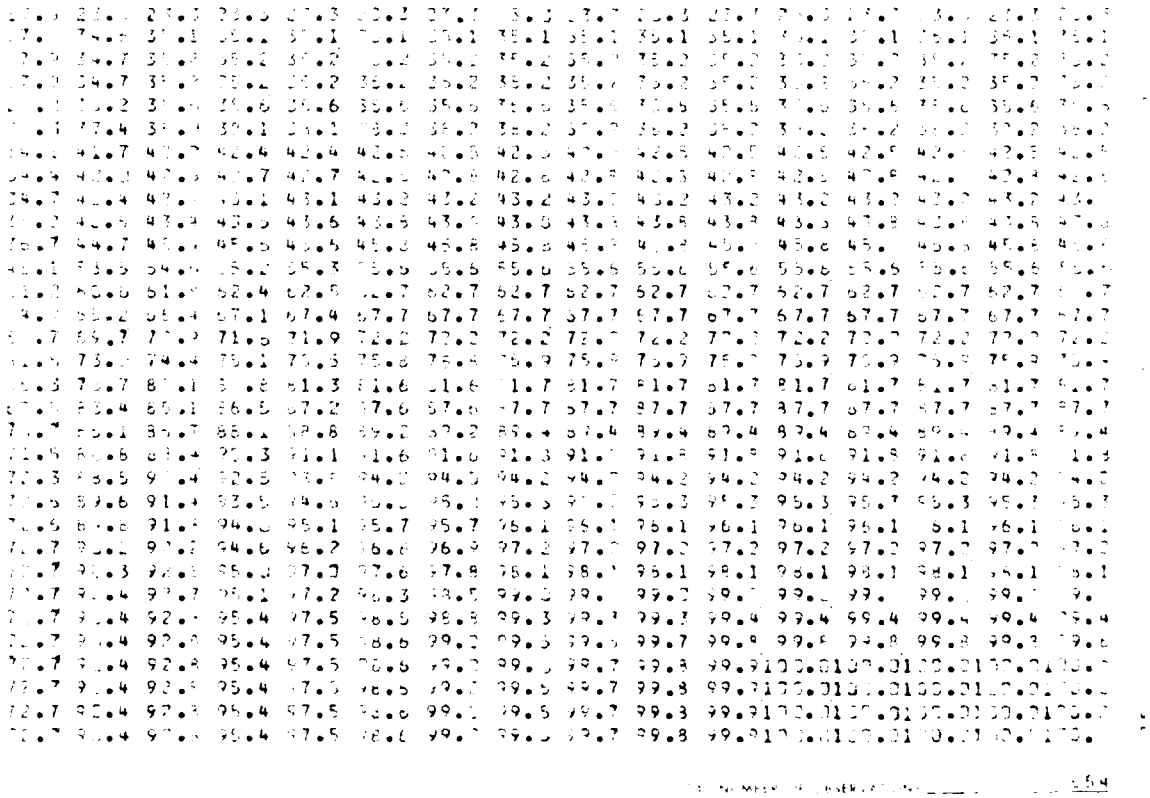
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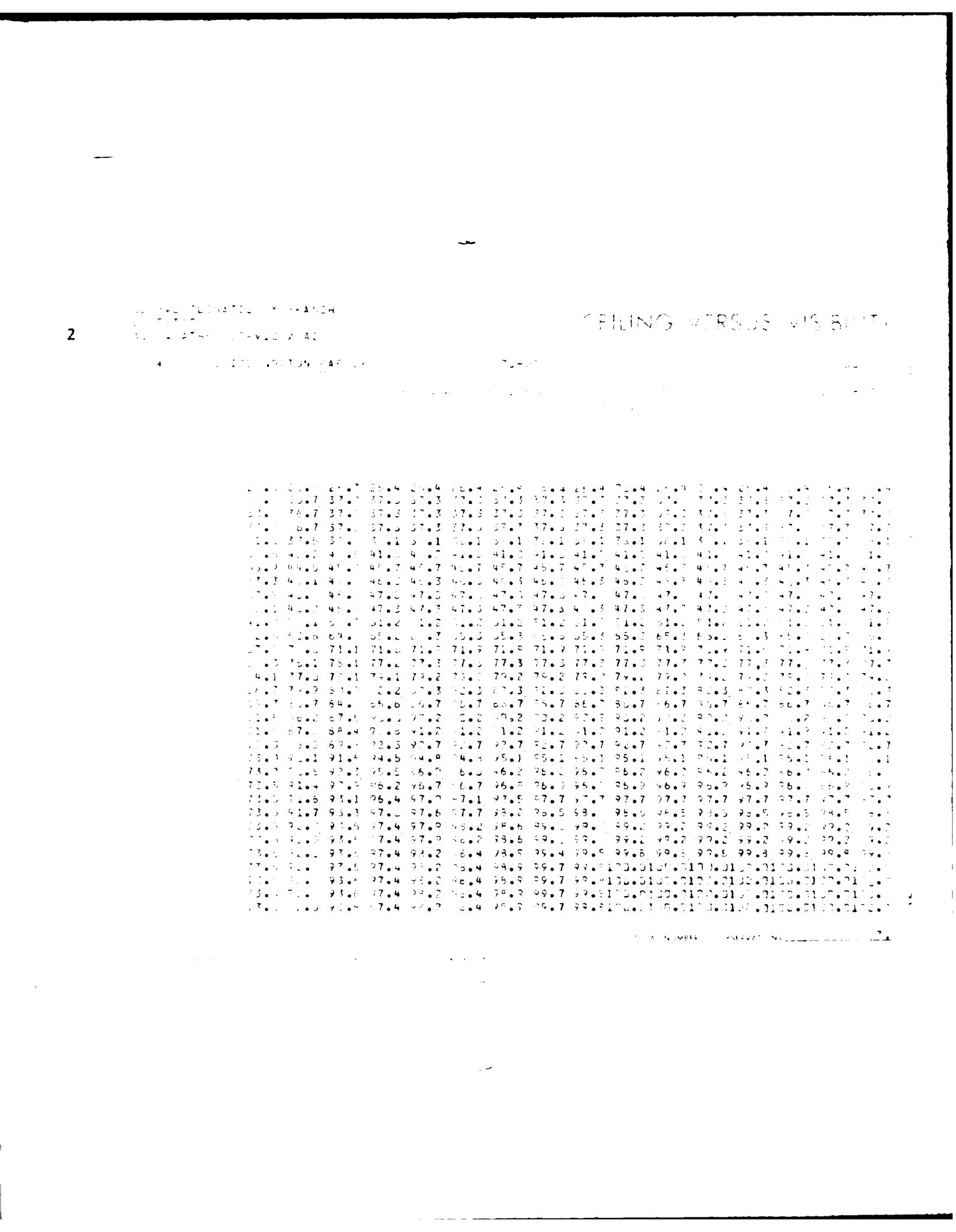
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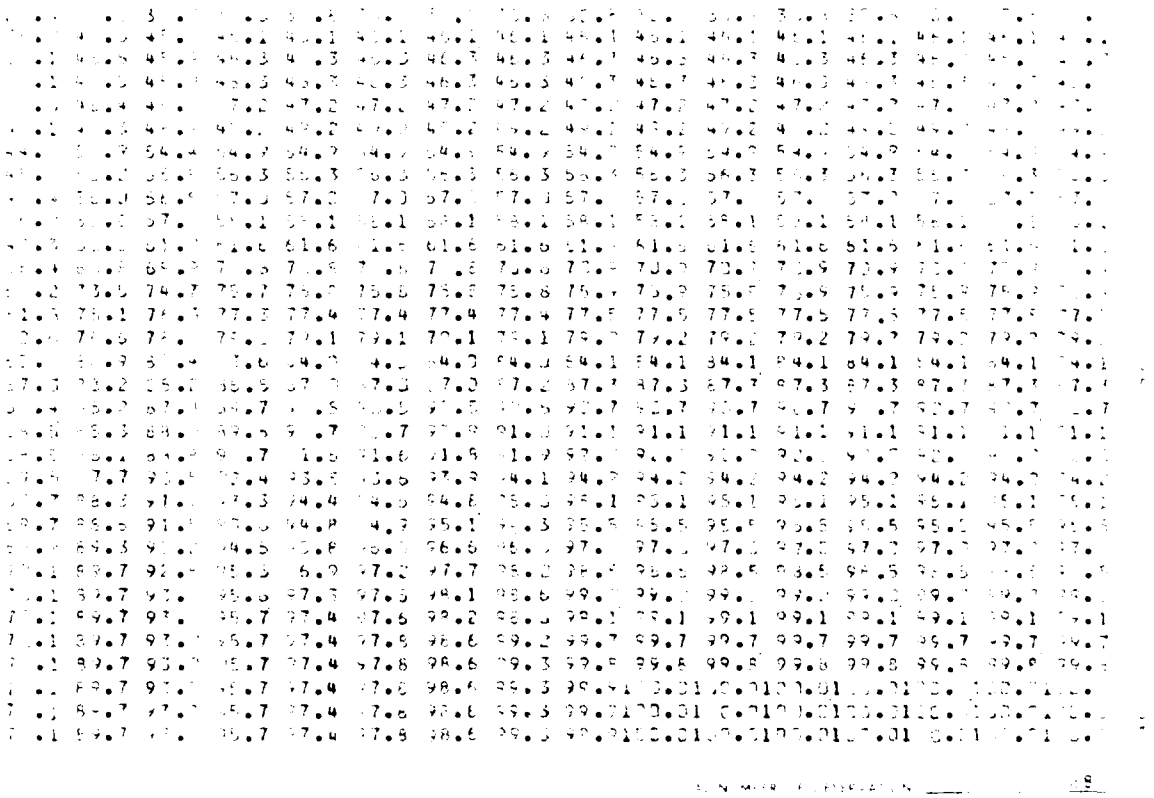
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CEILING VERSUS VISIBILITY

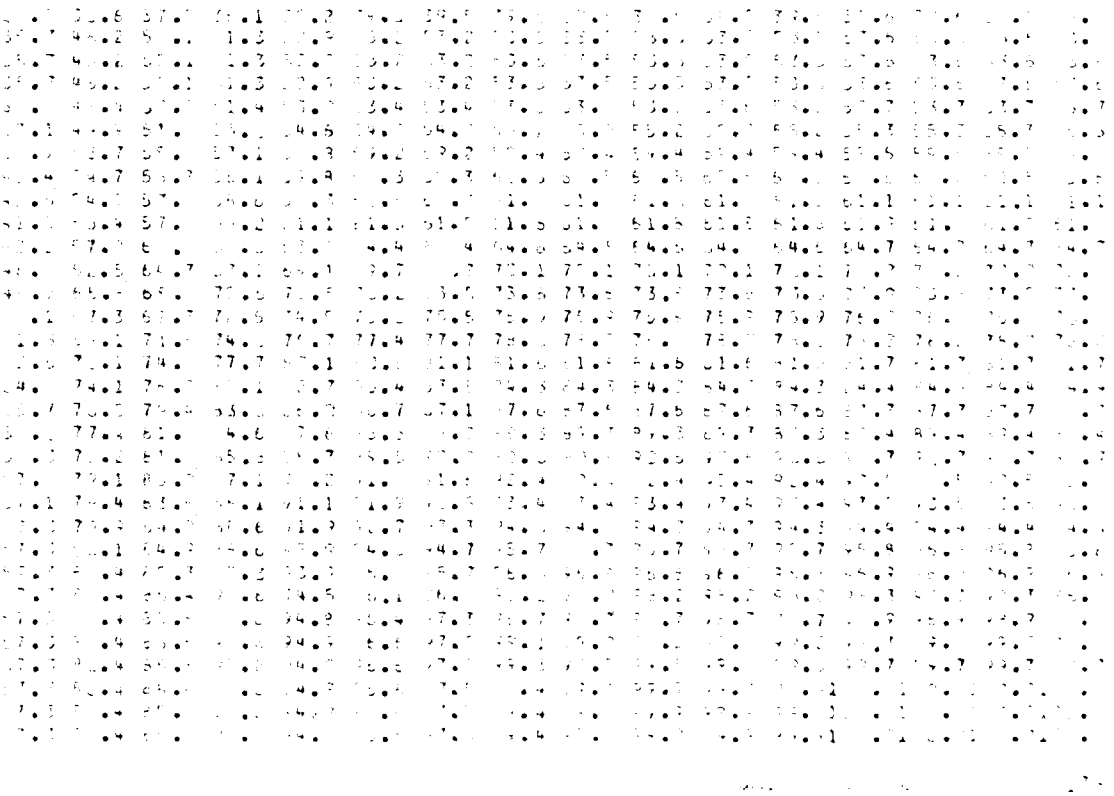




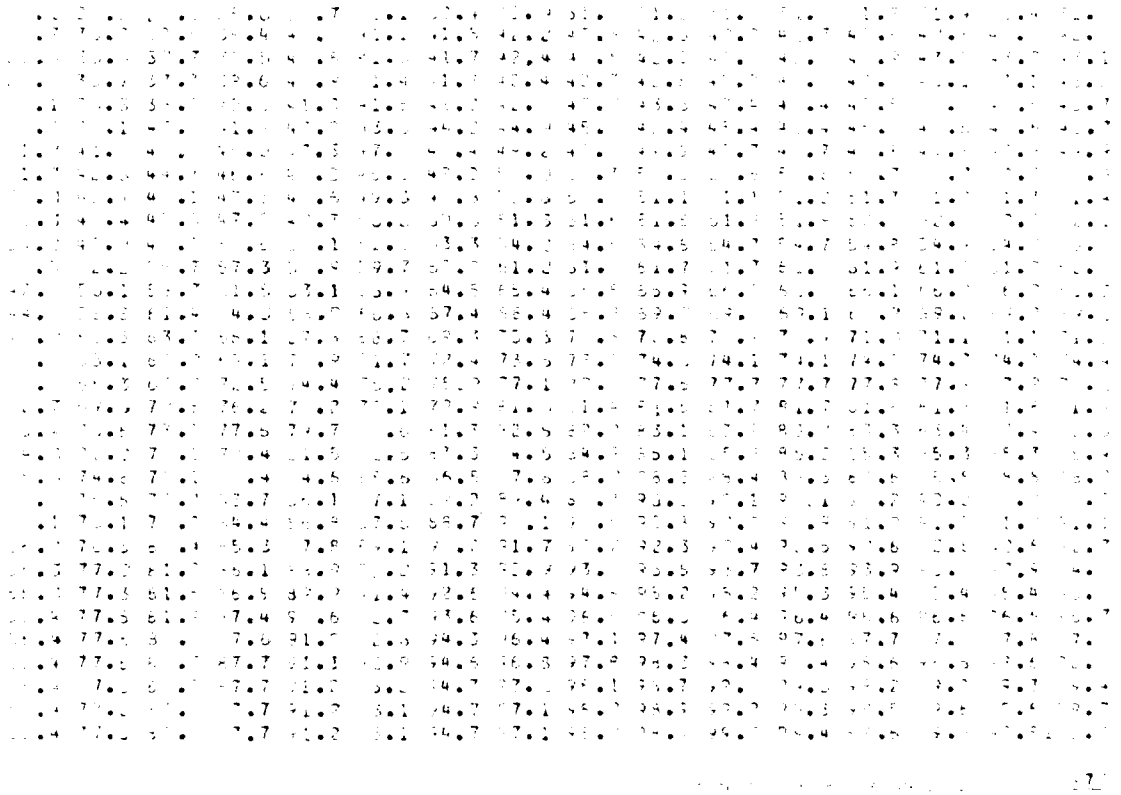
CEILING VERSUS VISIBILITY



2

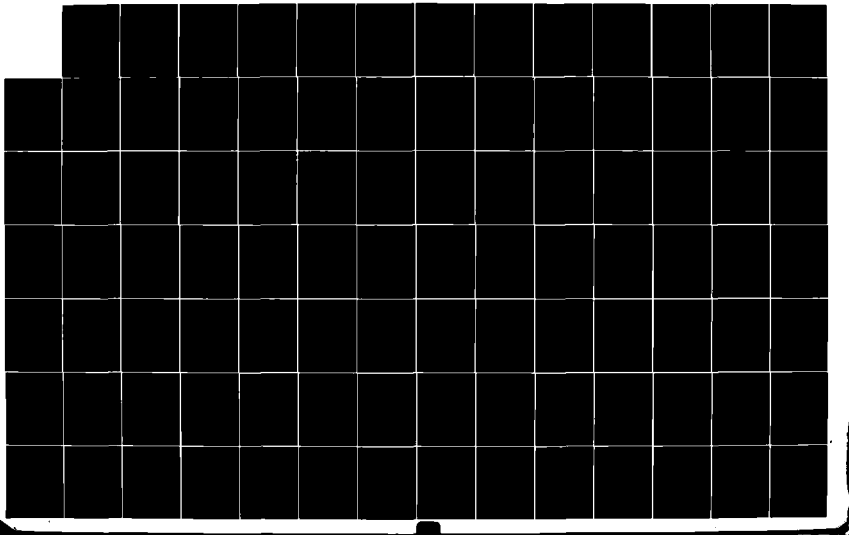


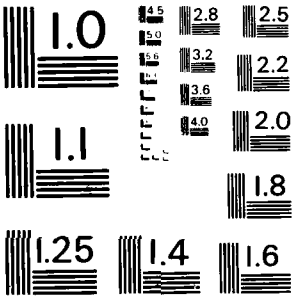
2



AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 3/5

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
FROM HOURLY OBSERVATIONS

[illegible].4	30.7	33.1	35.5	36.8	37.8	38.2	38.7	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	
35.4	37.1	39.9	42.7	44.5	45.5	46.0	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	
25.4	37.1	39.9	42.7	44.5	45.5	46.0	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	
25.6	37.3	40.1	42.9	44.7	45.7	46.3	47.0	47.0	47.0	47.3	47.3	47.3	47.4	47.4	47.4	
25.9	37.7	40.5	43.3	45.0	46.0	46.6	47.4	47.4	47.4	47.6	47.6	47.6	47.7	47.7	47.7	
26.3	38.8	41.6	44.6	46.5	47.6	48.2	48.9	48.9	48.9	49.2	49.2	49.2	49.3	49.3	49.3	
28.4	41.1	44.3	47.3	49.2	50.3	50.8	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.0	
29.3	42.7	46.0	49.4	51.4	52.5	53.1	54.0	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.3	
29.3	42.9	46.3	49.6	51.6	52.7	53.3	54.2	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.5	
29.7	43.7	47.3	50.6	52.8	54.0	54.5	55.4	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	
31.8	46.5	50.3	53.6	55.9	57.0	57.5	58.4	58.4	58.4	58.6	58.6	58.6	58.8	58.8	58.8	
34.7	50.8	54.8	58.9	61.1	62.2	62.9	63.8	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.2	
35.9	52.3	56.5	60.8	63.0	64.1	64.9	65.8	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.2	
37.6	55.3	59.8	64.0	66.2	67.3	68.1	69.0	69.0	69.0	69.2	69.3	69.3	69.5	69.5	69.5	
38.5	57.0	61.5	66.1	68.3	69.5	70.3	71.2	71.2	71.2	71.5	71.6	71.6	71.7	71.7	71.7	
39.9	59.8	64.5	69.2	71.6	73.0	73.9	74.8	74.8	74.8	75.0	75.1	75.1	75.3	75.3	75.3	
41.6	62.4	67.7	72.5	74.8	76.3	77.1	78.0	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.5	
43.4	66.0	71.3	76.3	78.6	80.0	81.0	81.9	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	
44.1	67.4	73.1	78.0	80.4	81.8	82.8	83.7	83.7	83.7	83.9	84.1	84.1	84.2	84.2	84.2	
44.9	69.5	75.3	80.2	82.5	83.9	84.9	85.8	85.8	85.8	86.1	86.2	86.2	86.3	86.3	86.3	
45.8	71.6	77.8	82.7	85.1	86.5	87.5	88.5	88.5	88.5	88.7	88.9	88.9	89.0	89.0	89.0	
46.3	72.8	79.5	84.5	87.0	88.5	89.5	90.5	90.5	90.5	90.7	90.9	90.9	91.0	91.0	91.0	
46.4	73.2	80.0	85.2	87.6	89.2	90.2	91.2	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	
46.7	74.4	81.5	86.8	89.3	90.9	91.9	92.9	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	
47.0	75.1	82.6	88.2	91.0	92.5	93.5	94.5	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.0	
47.0	75.8	83.5	89.1	92.2	93.8	94.8	95.8	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.2	
47.2	75.9	83.6	89.2	92.4	94.1	95.1	96.1	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	
47.2	76.3	83.7	89.6	93.3	95.0	96.1	97.3	97.4	97.4	97.7	97.8	97.8	97.9	97.9	97.9	
47.2	76.0	83.7	89.7	93.5	95.2	96.3	97.5	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.4	98.8	98.9	99.3	99.4	99.4	99.6	99.6	99.6	
47.2	76.0	83.7	89.7	93.5	95.5	96.7	98.4	98.9	98.9	99.3	99.4	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-62 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 0300-0500

1	.1	17.6	19.7	23.0	25.2	26.3	26.5	28.1	29.3	26.7	29.1	29.1	29.1	29.5	29.5	29.8
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9	
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9	
12.7	22.4	24.9	28.8	31.6	32.9	33.5	35.5	35.8	36.6	37.1	37.1	37.1	37.6	37.6	37.9	
12.8	22.9	25.3	29.3	32.0	33.4	33.9	35.9	35.2	37.0	37.6	37.6	37.6	38.0	38.0	38.3	
14.0	25.0	27.4	31.5	34.4	35.9	36.5	38.6	39.2	39.8	40.3	40.3	40.3	40.8	40.8	41.1	
16.1	28.3	31.2	36.1	39.1	40.7	41.2	43.4	43.7	44.6	45.2	45.2	45.2	45.6	45.6	46.0	
17.3	30.1	32.9	38.3	41.3	43.1	43.6	45.9	46.3	47.2	47.7	47.7	47.7	48.2	48.2	48.5	
17.5	30.3	33.1	38.6	41.5	43.3	43.9	46.1	46.5	47.7	48.3	48.3	48.3	48.7	48.7	49.1	
17.8	30.8	33.6	39.2	42.3	44.1	44.6	46.9	47.6	48.5	49.1	49.1	49.1	49.5	49.5	49.8	
18.4	33.4	36.4	41.9	45.3	47.1	47.7	49.9	50.7	51.6	52.2	52.2	52.2	52.6	52.6	52.9	
22.1	37.1	40.3	46.2	49.9	51.8	52.6	55.0	55.9	56.8	57.3	57.3	57.3	57.8	57.8	58.1	
23.3	38.9	42.3	48.2	51.9	53.9	54.8	57.2	58.1	59.0	59.6	59.6	59.6	60.0	60.0	60.3	
24.3	40.2	43.6	49.5	53.3	55.2	56.1	58.8	59.7	60.6	61.1	61.1	61.1	61.5	61.5	61.9	
25.6	41.9	45.4	51.4	55.1	57.1	58.0	60.7	61.5	62.5	63.1	63.1	63.1	63.5	63.5	63.9	
27.3	44.4	48.2	54.8	58.7	60.7	61.5	64.2	65.1	66.1	66.6	66.6	66.6	67.1	67.1	67.4	
29.2	46.9	51.0	57.8	61.7	63.6	64.5	67.2	68.2	69.3	69.8	69.8	69.8	70.3	70.3	70.6	
30.9	49.9	54.3	61.7	65.6	67.8	69.0	71.7	72.7	73.8	74.4	74.4	74.4	74.8	74.8	75.1	
31.9	51.3	55.7	63.3	67.3	69.6	70.7	73.5	74.5	75.6	76.1	76.1	76.1	76.6	76.6	76.9	
33.3	53.4	58.0	65.7	69.8	72.2	73.3	76.1	77.0	78.1	78.7	78.7	78.7	79.1	79.1	79.4	
34.7	56.8	61.8	69.9	74.3	76.7	77.8	80.6	81.5	82.7	83.2	83.2	83.2	83.6	83.6	84.0	
35.4	59.0	64.1	72.6	77.0	79.7	80.8	83.5	84.5	85.6	86.2	86.2	86.2	86.6	86.6	87.0	
35.6	60.3	65.3	73.8	78.3	81.0	82.1	84.9	85.9	87.0	87.5	87.5	87.5	88.0	88.0	88.3	
35.8	60.8	66.4	75.4	80.0	82.7	83.9	86.6	87.6	88.7	89.3	89.3	89.3	89.7	89.7	90.1	
36.1	61.3	67.3	77.1	81.8	84.4	85.6	88.4	89.4	90.5	91.0	91.0	91.0	91.5	91.5	91.8	
36.4	61.9	68.0	77.8	82.7	85.5	86.9	89.7	90.7	91.8	92.4	92.4	92.4	92.8	92.8	93.1	
36.5	62.4	68.5	78.9	84.0	87.0	88.3	91.2	92.2	93.3	93.8	93.8	93.8	94.3	94.3	94.6	
36.5	62.4	68.6	79.2	84.5	87.6	89.1	92.0	93.1	94.3	94.8	94.8	94.8	95.2	95.2	95.6	
36.5	62.4	68.7	79.3	84.8	88.1	89.5	92.8	94.0	95.2	95.8	95.8	95.8	96.2	96.2	96.6	
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.3	94.6	95.8	96.5	96.5	96.6	97.0	97.0	97.3	
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.7	95.0	96.4	97.2	97.2	97.5	98.1	98.5	98.8	
36.5	62.4	68.7	79.3	84.8	88.1	89.5	93.7	95.2	96.6	97.5	97.5	97.9	98.7	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

17.3	18.1	19.3	21.8	23.0	23.4	23.7	23.9	24.2	24.4	24.4	24.5	24.6	24.9	25.[illegible]	[illegible]	
16.9	26.6	27.9	31.4	33.1	33.6	34.3	34.8	35.[illegible]	35.5	35.7	35.9	36.0	36.3	36.4	36.4	
17.1	26.8	28.2	31.6	33.3	33.9	34.5	35.0	35.2	35.7	35.9	36.1	36.3	36.5	36.6	36.6	
17.1	26.8	28.2	31.6	33.3	33.9	34.5	35.0	35.2	35.7	35.9	36.1	36.3	36.5	36.6	36.6	
17.8	27.7	29.1	32.6	34.3	34.9	35.7	36.1	36.4	36.8	37.1	37.3	37.4	37.6	37.7	37.7	
18.8	29.6	31.0	34.9	36.6	37.3	38.2	38.8	39.[illegible]	39.5	39.7	39.9	40.0	40.[illegible]	40.4	40.4	
20.8	33.3	34.9	39.3	41.0	41.7	42.8	43.3	43.7	44.1	44.4	44.6	44.7	44.9	45.[illegible]	45.[illegible]	
21.8	35.2	36.9	41.4	43.1	43.9	45.0	45.6	46.0	46.4	46.6	46.9	47.0	47.2	47.3	47.3	
21.8	35.2	36.8	41.5	43.2	44.0	45.2	45.7	46.1	46.5	46.8	47.0	47.1	47.3	47.4	47.4	
22.1	35.7	37.3	42.0	43.7	44.5	45.6	46.2	46.5	47.[illegible]	47.2	47.4	47.5	47.[illegible]	47.9	47.9	
23.4	37.4	39.0	43.8	45.6	46.4	47.5	48.1	48.5	48.9	49.1	49.4	49.5	49.7	49.9	49.8	
26.6	41.4	43.[illegible]	47.8	49.6	50.4	51.5	52.1	52.6	53.1	53.4	53.6	53.7	53.9	54.[illegible]	54.[illegible]	
29.[illegible]	44.4	46.[illegible]	51.[illegible]	52.8	53.6	54.7	55.3	55.8	56.3	56.6	56.8	56.9	57.1	57.2	57.2	
31.1	47.[illegible]	48.6	53.7	55.5	56.3	57.5	58.[illegible]	58.5	59.1	59.3	59.5	59.6	59.9	60.[illegible]	60.[illegible]	
31.9	48.[illegible]	49.7	55.4	57.2	58.[illegible]	59.2	59.7	60.2	60.8	61.0	61.2	61.3	61.6	61.7	61.7	
33.4	50.2	51.9	58.[illegible]	60.[illegible]	60.8	61.9	62.5	62.9	63.5	63.7	64.[illegible]	64.1	64.3	64.4	64.4	
34.7	52.1	54.[illegible]	60.3	62.3	63.1	64.2	64.8	65.2	65.8	66.[illegible]	66.2	66.4	66.6	66.7	66.8	
36.1	54.8	57.1	63.6	65.6	66.4	67.6	68.2	68.6	69.2	69.4	69.7	69.8	70.[illegible]	70.1	70.2	
36.9	55.9	58.2	64.7	66.6	67.4	68.6	69.2	69.7	70.2	70.5	70.7	70.8	71.[illegible]	71.2	71.3	
38.9	58.5	60.9	67.6	69.7	70.5	71.7	72.3	72.7	73.3	73.5	73.8	73.9	74.1	74.2	74.3	
42.[illegible]	63.2	65.7	72.4	74.8	75.6	76.9	77.5	78.[illegible]	78.6	78.8	79.[illegible]	79.1	79.4	79.5	79.6	
43.[illegible]	65.8	68.3	75.3	77.7	78.4	79.7	80.4	80.8	81.4	81.6	81.9	82.1	82.3	82.4	[illegible].6	
43.6	66.9	69.4	76.5	78.9	79.8	81.1	81.8	82.2	82.8	83.1	83.4	83.6	83.8	83.9	84.[illegible]	
44.6	69.[illegible]	72.3	79.9	82.4	83.5	84.8	85.5	86.[illegible]	86.5	86.9	87.1	87.3	87.6	87.7	87.8	
44.6	69.7	73.4	81.4	84.4	85.4	86.8	87.5	87.9	88.5	88.8	89.1	89.3	89.5	89.6	89.7	
44.6	70.1	74.[illegible]	82.7	85.9	86.9	88.4	89.1	89.5	90.1	90.4	90.6	90.9	91.1	91.2	91.3	
44.6	70.6	74.9	83.7	87.1	88.7	90.2	91.1	91.6	92.1	92.5	92.7	92.9	93.2	93.3	93.4	
44.7	70.7	75.[illegible]	84.3	87.8	89.5	91.2	92.5	92.9	93.5	93.8	94.1	94.3	94.5	94.6	94.8	
44.7	70.7	75.3	84.5	88.5	90.4	92.2	93.7	94.3	95.[illegible]	95.3	95.6	95.8	96.[illegible]	96.1	96.2	
44.7	70.7	75.3	84.5	88.5	90.6	92.7	94.4	95.1	95.9	96.4	96.7	97.0	97.3	97.4	97.5	
44.7	70.7	75.3	84.5	88.6	90.8	92.8	94.5	95.3	96.2	97.3	97.6	98.1	98.3	98.5	99.3	
44.7	70.7	75.3	84.5	88.6	90.8	92.8	94.5	95.3	96.2	97.3	97.6	98.1	98.4	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3490 BRIZE NORTON RAF UK 73-87 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

12.4	17.3	18.1	18.8	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	
20.3	26.7	27.7	28.9	29.3	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	
20.3	26.7	27.7	28.9	29.3	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	
20.1	26.9	27.9	29.0	29.4	29.4	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	
21.4	28.4	29.4	30.5	31.0	31.0	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	
22.4	29.9	31.0	32.0	32.4	32.4	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	
24.9	33.7	34.7	36.1	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	
25.3	35.0	36.1	37.6	38.2	38.2	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
25.3	35.0	36.2	37.7	38.4	38.4	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
25.4	35.3	36.5	38.1	38.7	38.7	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
27.1	37.8	39.1	40.6	41.4	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
32.2	42.4	43.6	45.4	46.2	46.3	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
35.5	48.4	49.7	51.5	52.4	52.5	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	
37.6	51.1	52.4	54.2	55.2	55.5	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
39.7	53.3	54.6	56.4	57.4	57.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
44.8	58.9	60.5	62.3	63.3	63.6	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
50.3	65.0	66.4	68.4	69.4	69.7	69.8	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
55.3	71.7	73.4	75.4	76.4	76.7	76.8	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
57.2	74.4	76.1	78.2	79.2	79.6	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
60.5	78.9	80.6	82.8	83.8	84.1	84.2	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
63.8	85.1	87.1	89.6	90.7	91.0	91.1	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
64.3	86.3	88.6	91.3	92.8	93.1	93.2	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
64.3	87.2	89.5	92.5	94.0	94.3	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.0	
64.9	87.9	90.1	93.3	95.1	95.3	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
64.9	88.0	90.5	94.0	95.8	96.1	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
64.9	88.2	90.9	94.5	96.3	96.6	96.9	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
64.9	88.5	91.3	94.7	96.9	97.3	97.6	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
64.9	88.6	91.1	94.9	97.2	97.7	97.9	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
64.9	88.6	91.1	95.0	97.3	97.9	98.2	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.91	00.0	100.0	100.0	100.0	100.0	100.0	
64.9	88.6	91.1	95.2	97.6	98.1	98.4	99.3	99.6	99.91	00.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

76967 BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 1200-1400
FROM HOURLY OBSERVATIONS

16.3	16.7	18.9	18.9	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	
22.4	27.1	27.7	27.7	27.7	27.9	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	
22.7	27.4	28.1	28.1	28.1	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	
22.7	27.4	28.1	28.1	28.1	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	L
23.6	28.4	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	T
25.6	30.6	31.4	31.4	31.5	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	
29.9	36.1	36.9	36.9	37.1	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
30.5	37.4	38.2	38.2	38.6	38.8	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
30.7	38.1	38.9	38.9	39.3	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	
30.9	38.5	39.4	39.4	39.7	40.0	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
33.4	41.7	42.6	42.7	43.0	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
40.3	49.4	50.6	50.7	51.0	51.3	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
47.6	57.8	59.1	59.2	59.6	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
52.2	63.1	64.4	64.7	65.1	65.3	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
57.4	68.7	70.0	70.4	70.8	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
63.2	75.0	76.3	76.8	77.2	77.4	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	M
67.2	80.3	81.5	82.1	82.4	82.6	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	C
72.0	87.0	88.4	88.9	89.3	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
73.7	89.0	90.4	91.1	91.6	91.8	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
74.5	90.5	91.9	92.6	93.0	93.3	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
75.8	92.4	94.1	95.0	95.7	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
76.1	93.2	95.0	96.1	96.8	97.0	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
76.3	93.5	95.4	96.7	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
76.3	93.5	95.4	96.8	97.5	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
76.3	93.5	95.5	96.9	97.6	97.8	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
76.3	93.6	95.8	97.4	98.1	98.4	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	C
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	C
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	C
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	M
76.3	93.6	95.9	97.5	98.4	98.7	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	T

TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1900-1700

19.9	23.5	23.6	23.6	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
29.3	34.7	34.8	34.8	34.9	35.[illegible]	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
29.5	34.9	35.0	35.0	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
29.7	35.1	35.2	35.2	35.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	
30.7	36.1	36.2	36.2	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	
32.5	38.5	38.7	38.7	38.8	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
36.6	43.2	43.4	43.5	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	
37.3	44.3	44.5	44.6	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
37.9	45.0	45.2	45.3	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
38.5	45.7	46.0	46.1	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
41.2	49.6	49.9	50.1	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
63.4	62.9	63.3	63.4	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
61.3	72.3	72.9	73.0	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
64.6	76.1	76.9	77.1	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
67.1	78.7	79.4	79.9	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
70.8	83.3	84.1	84.9	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
74.9	87.8	88.7	89.5	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
76.8	90.5	91.6	92.5	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
77.6	91.7	92.8	93.7	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
78.5	92.8	93.9	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
79.2	94.1	95.6	96.7	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
79.6	94.8	96.2	97.5	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
79.6	95.0	96.5	97.7	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
79.7	95.1	96.6	97.9	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
79.8	95.4	96.8	98.1	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
79.8	95.6	97.1	98.3	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
79.8	95.6	97.1	98.3	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
79.8	95.6	97.1	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
79.8	95.6	97.1	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
79.8	95.6	97.1	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
79.8	95.6	97.1	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
79.8	95.6	97.1	98.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1900-2000

25.2	31.3	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7
38.1	46.0	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
38.0	46.0	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
38.1	46.1	46.3	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	46.9
39.4	47.6	47.8	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4
41.1	49.8	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
43.6	53.9	54.1	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
44.7	55.6	55.9	56.5	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
45.0	56.0	56.4	56.9	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
45.4	56.5	56.8	57.4	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
48.9	61.4	61.9	62.4	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
56.6	70.6	71.5	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
61.2	76.5	77.4	78.1	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
62.7	78.4	79.3	80.0	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
65.1	81.2	82.1	82.8	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
67.7	84.6	85.7	86.4	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
69.9	87.6	88.5	89.2	89.9	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
70.8	89.1	90.0	90.8	91.5	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
71.1	89.7	90.6	91.3	92.0	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
71.7	90.2	91.1	92.0	92.7	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.5	93.7
72.2	91.9	92.8	93.7	94.4	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
72.9	92.9	93.9	94.6	95.5	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
73.2	93.8	94.8	95.7	96.4	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
73.3	94.0	95.2	96.1	96.9	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
73.5	94.3	95.4	96.5	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
73.5	94.5	95.8	97.1	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
73.5	94.5	95.8	97.1	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
73.5	94.5	95.8	97.1	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 689

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1100-2300

29.1	33.2	34.6	35.6	37.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
34.0	46.1	48.1	49.6	51.0	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
34.1	46.2	48.1	49.7	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
34.1	46.2	48.1	49.7	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
34.4	46.5	48.4	50.0	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
35.6	48.3	50.2	52.1	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
37.0	51.0	53.3	55.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
37.9	52.9	55.5	57.6	59.3	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	
38.5	53.5	56.1	58.2	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
38.7	54.0	56.6	58.9	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
41.4	57.6	60.3	62.8	64.5	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
45.2	62.9	65.7	68.3	70.2	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
47.8	65.8	68.8	71.4	73.4	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
49.0	67.6	70.6	73.3	76.3	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
50.9	70.2	73.2	75.9	78.0	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
53.0	73.7	76.9	79.8	82.2	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
54.8	76.5	79.6	82.6	85.1	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
56.7	79.3	82.6	85.7	88.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
57.4	80.6	84.0	87.1	89.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
57.7	81.3	84.6	88.0	90.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
58.0	82.7	86.2	89.8	92.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
58.6	84.1	87.9	91.6	94.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
58.9	84.5	88.5	92.2	94.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
59.1	85.0	89.1	92.9	95.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
59.2	85.3	89.5	93.4	96.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
59.4	85.9	90.0	94.1	97.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
59.4	85.9	90.0	94.2	97.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
59.4	85.9	90.0	94.5	97.4	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
59.4	85.9	90.0	94.6	97.5	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
59.4	85.9	90.0	94.7	97.9	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE ALL
FROM HOURLY OBSERVATIONS

17.4	23.6	24.7	26.1	26.9	27.3	27.5	27.7	27.8	27.9	27.9	28.0	28.0	28.1	28.1	28.1
24.6	33.3	34.7	36.3	37.3	37.8	38.1	38.5	38.6	38.7	38.9	38.9	39.0	39.0	39.1	39.1
24.9	33.5	34.6	36.4	37.5	37.9	38.2	38.6	38.7	38.9	39.0	39.0	39.0	39.1	39.1	39.2
25.0	33.5	34.8	36.5	37.5	38.0	38.3	38.7	38.8	38.9	39.1	39.1	39.1	39.2	39.2	39.3
25.7	34.4	35.7	37.4	38.4	38.9	39.2	39.6	39.7	39.8	40.0	40.0	40.1	40.1	40.1	40.2
27.1	36.3	37.7	39.4	40.5	41.0	41.3	41.8	41.9	42.1	42.2	42.2	42.2	42.3	42.3	42.4
28.7	40.1	41.6	43.6	44.8	45.3	45.6	46.1	46.2	46.4	46.5	46.5	46.5	46.7	46.7	46.7
30.0	41.6	43.3	45.5	46.7	47.2	47.6	48.1	48.2	48.4	48.5	48.5	48.5	48.6	48.6	48.7
30.7	42.0	43.6	45.8	47.1	47.6	48.0	48.5	48.6	48.8	48.9	49.0	49.0	49.1	49.1	49.1
31.1	42.5	44.2	46.4	47.7	48.3	48.6	49.1	49.2	49.5	49.6	49.6	49.6	49.7	49.7	49.8
33.3	45.7	47.4	49.7	51.1	51.7	52.1	52.6	52.7	52.9	53.1	53.1	53.1	53.2	53.2	53.3
36.6	52.2	54.1	56.6	58.1	58.7	59.1	59.7	59.9	60.1	60.2	60.2	60.3	60.4	60.4	60.4
42.7	57.0	59.1	61.6	63.1	63.9	64.3	64.8	65.0	65.2	65.3	65.4	65.4	65.5	65.5	65.6
44.9	59.8	61.9	64.6	66.1	66.8	67.2	67.8	68.0	68.2	68.3	68.4	68.4	68.5	68.5	68.6
47.0	62.3	64.5	67.3	68.8	69.5	70.0	70.6	70.8	71.0	71.1	71.2	71.2	71.3	71.3	71.4
50.0	66.2	68.6	71.5	73.1	73.9	74.4	75.0	75.2	75.4	75.5	75.6	75.6	75.7	75.7	75.7
52.8	69.8	72.2	75.3	76.9	77.7	78.2	78.8	79.0	79.2	79.4	79.4	79.4	79.5	79.5	79.6
55.2	73.5	76.1	79.3	81.0	81.8	82.4	83.0	83.2	83.5	83.6	83.6	83.6	83.7	83.7	83.8
56.2	75.0	77.6	80.9	82.6	83.4	84.0	84.6	84.8	85.1	85.2	85.2	85.3	85.4	85.4	85.4
57.5	76.9	79.5	83.0	84.6	85.5	86.0	86.7	86.9	87.1	87.3	87.3	87.3	87.4	87.4	87.5
58.9	79.7	82.6	86.2	88.0	88.9	89.4	90.1	90.3	90.6	90.7	90.7	90.7	90.8	90.9	90.9
59.5	81.1	84.2	88.0	89.9	90.8	91.3	92.0	92.2	92.5	92.6	92.6	92.7	92.8	92.9	9
59.8	81.8	84.9	88.8	90.7	91.6	92.2	92.9	93.1	93.3	93.5	93.5	93.5	93.6	93.7	93.7
60.0	82.4	85.8	89.9	91.9	92.9	93.5	94.2	94.4	94.6	94.8	94.8	94.8	94.9	94.9	95.0
60.2	82.8	86.4	90.7	92.9	93.8	94.5	95.2	95.4	95.7	95.8	95.8	95.9	96.0	96.0	96.1
60.2	83.2	86.9	91.3	93.7	94.7	95.4	96.1	96.3	96.6	96.7	96.8	96.8	96.9	96.9	97.0
60.2	83.4	87.1	91.7	94.2	95.3	96.0	96.8	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.6
60.2	83.4	87.1	91.9	94.6	95.7	96.5	97.4	97.6	97.9	98.0	98.1	98.1	98.2	98.2	98.3
60.2	83.4	87.2	92.0	94.7	95.9	96.8	97.8	98.1	98.4	98.5	98.5	98.6	98.7	98.7	98.8
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.2	98.6	98.9	99.2	99.3	99.4	99.5	99.6	99.7
60.2	83.4	87.2	92.0	94.8	96.1	96.9	98.2	98.6	98.9	99.2	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82

19.5	31.4	38.0	41.2	44.5	45.9	46.3	46.3	47.3	47.5	47.6	47.6	47.6	47.9	47.9	47.9	
21.3	35.2	42.1	46.2	49.7	51.1	51.7	52.9	53.4	53.8	53.9	53.8	54.0	54.2	54.2	54.2	
21.3	35.3	42.2	46.3	49.8	51.2	51.8	53.1	53.5	54.0	54.0	54.0	54.1	54.3	54.3	54.3	
21.3	35.3	42.2	46.3	49.8	51.2	51.8	53.1	53.5	54.0	54.0	54.0	54.1	54.3	54.3	54.3	
21.5	35.7	42.6	46.7	50.2	51.7	52.3	53.6	54.0	54.4	54.4	54.4	54.5	54.8	54.8	54.8	
22.5	37.1	43.1	48.2	51.8	53.4	54.1	55.3	55.8	56.2	56.2	56.2	56.3	56.6	56.6	56.6	
25.3	39.9	46.2	51.0	55.1	56.7	57.6	59.0	59.5	60.0	60.0	60.0	60.1	60.7	60.7	60.7	
25.7	41.5	48.1	52.0	56.2	58.0	58.9	60.6	61.4	61.9	61.9	61.9	62.0	62.2	62.2	62.2	
26.4	41.3	48.0	53.3	57.0	58.9	59.8	61.8	62.4	63.0	63.0	63.0	63.1	63.3	63.3	63.3	
26.4	41.7	47.3	53.7	57.5	59.5	60.4	62.3	63.1	63.6	63.6	63.6	63.7	63.9	63.9	63.9	
27.8	46.8	52.0	58.7	62.8	64.8	65.7	67.9	68.7	69.1	69.1	69.1	69.2	69.5	69.5	69.5	
31.1	48.1	55.0	62.3	66.7	68.9	69.8	71.9	72.7	73.2	73.2	73.2	73.3	73.5	73.5	73.5	
31.5	49.1	56.1	63.5	68.0	70.1	71.0	73.3	74.1	74.5	74.5	74.5	74.7	74.9	74.9	74.9	
32.6	51.0	57.2	64.6	69.3	71.5	72.6	74.9	75.8	76.2	76.2	76.2	76.4	76.6	76.6	76.6	
33.1	51.1	58.3	65.8	71.5	72.6	73.8	76.2	77.1	77.6	77.6	77.6	77.7	77.9	77.9	77.9	
34.1	52.5	59.7	67.3	71.9	74.2	75.5	77.9	78.8	79.3	79.3	79.3	79.4	79.6	79.6	79.6	
35.1	54.1	61.5	69.1	73.8	76.0	77.3	79.8	80.7	81.1	81.1	81.1	81.2	81.4	81.4	81.4	
35.3	56.3	63.8	71.4	76.0	78.5	79.8	82.2	83.1	83.6	83.6	83.6	83.7	83.9	83.9	83.9	
36.2	56.9	64.5	72.2	76.8	79.3	80.7	83.1	84.2	84.5	84.6	84.6	84.7	85.0	85.0	85.0	
36.4	57.6	65.3	73.2	77.8	80.3	81.7	84.2	85.2	85.6	85.6	85.6	85.7	86.0	86.0	86.0	
37.3	58.7	66.6	74.9	79.6	82.1	83.5	86.3	87.3	87.8	87.8	87.8	87.9	88.1	88.1	88.1	
37.9	60.5	67.4	75.9	81.9	84.5	86.1	88.9	89.9	90.4	90.4	90.4	90.5	90.7	90.7	90.7	
38.1	60.9	69.0	77.4	82.6	85.3	87.0	89.9	91.0	91.4	91.4	91.4	91.5	91.7	91.7	91.7	
38.2	61.5	69.5	78.2	83.6	86.3	88.1	91.1	92.1	92.5	92.5	92.5	92.6	92.9	92.9	92.9	
38.6	62.2	70.2	79.4	85.0	87.8	89.6	92.5	93.6	94.0	94.0	94.0	94.1	94.3	94.3	94.3	
38.6	62.6	71.0	80.3	86.0	89.1	91.0	93.9	95.0	95.5	95.5	95.5	95.6	95.8	95.8	95.8	
38.6	62.8	71.2	80.5	86.4	89.7	91.5	94.5	95.6	96.0	96.0	96.0	96.2	96.4	96.4	96.4	
38.6	62.8	71.2	80.8	87.0	90.6	92.5	95.6	97.1	97.5	97.5	97.5	97.6	97.9	97.9	97.9	
38.6	62.8	71.3	81.0	87.3	91.0	92.9	95.9	97.5	98.0	98.0	98.0	98.1	98.3	98.3	98.3	
38.6	62.8	71.3	81.2	87.8	91.4	93.3	96.7	98.4	98.9	99.0	99.0	99.2	99.4	99.4	99.4	
38.6	62.8	71.3	81.2	87.8	91.4	93.3	96.8	98.5	99.0	99.2	99.3	99.5	99.8	99.8	99.8	
38.6	62.8	71.3	81.2	87.8	91.4	93.3	96.8	98.5	99.0	99.2	99.4	99.7	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 3984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 Aug

ALL OBSERVATIONS 1300-1

11.6	20.0	23.7	27.6	31.6	33.3	35.2	37.8	38.2	38.6	38.6	38.8	39.3	39.8	40.1	40.4		
11.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.6	44.6	44.6	44.9	45.4	45.8	46.2	46.6		
13.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.6	44.6	44.6	44.9	45.4	45.8	46.2	46.6		
13.3	22.8	26.2	31.9	35.0	37.9	39.9	43.0	43.6	44.6	44.6	44.9	45.4	45.8	46.2	46.6		
13.6	23.0	26.5	32.1	35.2	38.1	40.1	43.4	44.2	45.3	45.7	46.5	46.1	46.5	46.8	47.3		
14.4	24.6	28.6	34.2	37.4	40.3	42.3	46.0	46.7	48.0	48.1	48.3	48.8	49.3	49.6	50.1		
16.1	27.2	31.1	37.3	41.5	43.4	45.5	49.2	49.9	51.3	51.5	51.7	52.3	52.7	53.0	53.5		
17.2	29.1	33.4	41.1	43.4	46.5	48.8	53.1	53.8	55.1	55.4	55.6	56.1	56.6	56.9	57.4		
17.2	29.2	33.6	40.2	43.5	46.6	48.9	53.3	54.1	55.4	55.6	55.8	56.4	56.8	57.1	57.6		
17.3	29.3	33.7	40.3	43.6	46.7	49.1	53.4	54.2	55.5	55.7	55.9	56.5	56.9	57.3	57.7		
17.7	31.3	35.1	41.9	45.4	48.8	51.2	55.7	56.6	58.0	58.3	58.5	59.1	59.5	59.9	60.3		
21.1	34.3	38.1	46.1	49.7	53.8	56.3	61.3	61.9	63.5	63.7	63.9	64.5	64.9	65.2	65.7		
21.6	35.2	39.5	47.3	50.8	54.9	57.4	62.1	63.1	64.6	64.8	65.0	65.6	66.0	66.3	66.8		
22.4	36.0	40.8	48.1	52.0	56.3	58.7	63.5	64.3	66.1	66.2	66.4	67.0	67.4	67.8	68.4		
23.0	36.8	41.9	48.9	52.9	57.1	59.7	64.5	65.3	67.0	67.2	67.4	68.0	68.4	68.8	69.2		
24.1	38.5	43.4	51.2	55.3	59.5	62.0	67.0	67.9	69.5	69.8	70.0	70.5	71.0	71.3	71.8		
24.5	39.9	44.9	53.0	57.5	61.8	64.3	69.4	70.4	72.1	72.3	72.5	73.1	73.5	73.9	74.3		
25.1	42.1	47.1	55.5	61.0	64.5	67.1	72.3	73.5	75.2	75.4	75.6	76.2	76.6	77.0	77.4		
25.7	42.7	48.0	56.4	61.9	65.4	68.1	73.3	74.6	76.3	76.5	76.7	77.3	77.7	78.1	78.5		
26.1	43.6	48.7	58.1	62.9	67.4	70.1	75.3	76.6	78.3	78.5	78.7	79.3	79.7	80.1	80.5		
26.5	45.4	50.6	60.1	65.2	70.1	72.8	78.2	79.5	81.2	81.4	81.6	82.2	82.6	82.9	83.4		
26.9	46.2	51.7	61.1	66.3	71.3	74.0	79.6	81.1	82.7	82.9	83.2	83.7	84.2	84.5	84.9		
27.2	46.6	52.5	62.3	67.9	72.9	75.5	81.2	82.6	84.3	84.5	84.7	85.3	85.7	86.0	86.3		
27.7	47.5	53.4	63.6	69.2	74.4	77.1	82.8	84.3	85.9	86.2	86.4	87.0	87.5	87.8	88.3		
28.1	48.4	54.6	64.9	71.8	76.8	78.7	84.5	86.1	87.7	87.9	88.2	88.8	89.3	89.6	90.1		
28.5	48.8	55.1	65.8	72.0	77.4	80.2	85.9	87.5	89.1	89.4	89.6	91.3	90.7	91.0	91.5		
28.6	49.5	56.1	66.9	73.2	78.8	81.6	87.4	89.0	90.9	91.1	91.4	92.0	92.5	92.8	93.2		
28.7	49.7	56.6	67.4	73.8	79.4	82.3	88.2	90.1	92.0	92.2	92.5	93.1	93.6	93.9	94.4		
28.7	49.7	56.7	67.7	74.3	80.1	83.1	89.3	91.5	93.4	93.6	93.8	94.5	94.9	95.2	95.7		
28.7	49.7	56.7	67.8	74.4	80.5	83.5	89.8	92.2	94.2	94.5	94.7	95.3	95.8	96.1	96.7		
28.7	49.7	56.7	67.9	74.6	80.7	83.7	90.1	92.6	94.8	95.1	95.2	96.0	96.5	97.1	98.1		
28.7	49.7	56.7	67.9	74.6	80.7	83.7	90.1	92.6	94.8	95.2	95.5	96.2	97.0	97.9	98.3		

TOTAL NUMBER OF OBSERVATIONS 923

1

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-80 [illegible]

[illegible]	16.4	17.[illegible]	[illegible]	27.4	24.[illegible]	26.3	[illegible]	[illegible]	28.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17.6	[illegible]	24.[illegible]	[illegible]	31.8	33.4	35.5	36.0	39.3	39.4	39.7	[illegible]	40.1	[illegible]	40.4	40.6
17.[illegible]	22.3	24.[illegible]	29.2	31.8	33.4	35.5	36.[illegible]	39.7	39.4	39.7	39.7	40.1	[illegible]	40.4	40.[illegible]
17.[illegible]	22.3	24.[illegible]	29.2	31.8	33.4	35.5	36.0	[illegible]	39.4	39.7	39.7	40.1	40.[illegible]	40.4	40.[illegible]
19.[illegible]	22.9	24.7	29.0	32.6	34.2	36.3	38.8	40.1	40.3	[illegible]	[illegible]	41.[illegible]	41.2	41.3	41.[illegible]
[illegible]	22.3	26.9	31.0	35.2	36.[illegible]	39.9	41.6	42.[illegible]	43.0	43.4	[illegible]	43.7	43.9	44.1	44.[illegible]
18.7	27.5	29.[illegible]	34.6	38.5	40.3	42.5	45.2	46.[illegible]	46.7	47.[illegible]	47.[illegible]	47.4	47.[illegible]	47.7	47.[illegible]
17.[illegible]	[illegible]	[illegible]	35.6	40.3	41.6	44.1	47.1	48.[illegible]	48.5	49.2	[illegible]	[illegible]	[illegible]	49.7	50.1
17.5	[illegible]	37.[illegible]	38.1	40.2	42.[illegible]	44.3	47.5	48.[illegible]	49.2	49.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.3	37.[illegible]	38.2	40.3	42.1	44.5	47.7	49.1	49.4	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.[illegible]	37.1	37.3	41.9	43.7	46.2	50.0	51.[illegible]	51.6	[illegible]	[illegible]	52.5	52.7	52.[illegible]	[illegible]
17.3	32.3	39.[illegible]	43.9	45.7	47.5	50.1	54.0	55.[illegible]	55.6	56.2	56.2	56.5	56.7	57.[illegible]	57.[illegible]
[illegible]	23.[illegible]	[illegible]	42.4	47.3	49.2	51.3	55.7	57.[illegible]	57.[illegible]	[illegible]	[illegible]	58.3	58.6	58.8	59.[illegible]
21.6	[illegible]	37.[illegible]	43.8	46.7	50.7	53.4	57.3	58.[illegible]	59.1	[illegible]	[illegible]	[illegible]	60.[illegible]	[illegible]	[illegible]
22.4	27.1	40.[illegible]	46.0	50.9	52.9	55.6	59.5	61.[illegible]	61.3	61.6	61.8	62.1	62.3	62.6	62.[illegible]
[illegible]	38.7	41.[illegible]	48.4	52.4	55.5	58.2	62.2	67.[illegible]	64.[illegible]	64.4	64.5	64.8	65.1	65.3	65.[illegible]
[illegible]	40.3	43.7	50.0	55.6	57.6	60.5	64.[illegible]	66.[illegible]	66.7	67.[illegible]	67.1	67.5	67.7	67.9	[illegible]
[illegible]	41.[illegible]	45.[illegible]	53.2	58.4	[illegible]	63.5	66.0	69.[illegible]	70.1	70.4	70.5	70.9	71.1	71.3	71.6
26.1	42.5	46.[illegible]	54.3	59.9	62.[illegible]	65.1	69.5	71.1	71.7	72.[illegible]	72.1	72.5	72.7	72.9	73.[illegible]
[illegible]	44.5	48.5	56.4	62.9	64.[illegible]	67.1	71.7	73.7	73.[illegible]	74.[illegible]	74.3	74.7	74.9	75.1	75.7
[illegible]	46.3	50.5	58.6	64.3	66.3	69.4	74.[illegible]	75.[illegible]	76.1	76.5	76.6	76.9	77.[illegible]	77.4	77.6
[illegible]	47.6	52.7	63.7	66.7	68.7	71.[illegible]	76.5	78.[illegible]	78.8	79.1	79.2	79.6	79.8	80.[illegible]	[illegible]
29.6	48.9	53.7	62.2	65.[illegible]	70.2	73.4	76.1	79.7	80.[illegible]	80.5	80.7	81.1	81.3	81.[illegible]	[illegible]
[illegible]	[illegible]	54.6	63.5	69.4	71.5	74.7	79.5	81.2	81.8	82.[illegible]	82.3	82.6	82.9	[illegible]	[illegible]
[illegible]	[illegible]	55.4	64.6	70.7	72.3	76.[illegible]	80.9	82.[illegible]	83.3	83.7	83.[illegible]	84.1	84.4	84.5	84.[illegible]
30.6	51.4	56.5	65.0	72.1	74.4	77.7	82.9	84.7	85.4	85.7	85.[illegible]	86.2	86.4	86.5	[illegible]
30.[illegible]	51.8	57.2	67.0	73.4	76.3	79.7	84.6	86.[illegible]	87.8	88.2	88.4	88.7	88.9	89.[illegible]	[illegible]
[illegible]	52.4	57.[illegible]	66.3	75.0	77.6	81.4	86.9	89.[illegible]	90.1	90.6	[illegible]	91.1	91.3	91.6	[illegible]
[illegible]	52.6	[illegible]	68.8	75.[illegible]	78.7	83.0	89.0	91.6	92.6	93.2	93.3	93.6	93.[illegible]	94.1	94.3
[illegible]	52.6	[illegible]	68.6	76.[illegible]	79.2	83.6	89.6	90.7	94.1	94.6	94.9	95.4	95.7	95.9	[illegible]
[illegible]	52.6	[illegible]	66.6	76.0	79.2	83.6	90.0	92.9	94.4	95.4	95.8	96.5	96.7	96.9	97.3
[illegible]	52.6	[illegible]	66.8	76.0	79.2	83.6	90.0	92.9	94.4	95.4	95.8	96.6	97.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CEILING VERSUS VISIBILITY

...PRICE NORTON RAF UK 73-82 ALL

...DATA FROM ... ENCLOSED ... 000- 100

14.0	22.7	24.	25.6	26.8	27.1	27.6	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	
32.1	33.5	34.7	36.7	38.4	39.	39.4	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	
32.3	33.3	34.	36.7	38.6	39.2	39.6	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	
32.4	33.4	35.0	37.1	38.7	39.3	39.7	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
33.3	34.4	36.0	38.1	39.7	40.3	40.7	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
34.4	36.2	37.8	40.1	41.9	42.4	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
35.7	38.8	41.5	42.9	45.0	45.5	46.0	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
36.5	40.1	41.9	44.3	46.4	47.0	47.5	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
35.8	40.2	42.0	44.4	46.7	47.2	47.8	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
37.2	40.6	42.4	44.9	47.1	47.7	48.2	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
38.0	42.2	44.1	46.4	48.7	49.2	49.9	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
41.7	47.1	49.1	51.6	54.2	54.9	55.8	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
43.1	49.2	51.2	54.2	56.6	57.3	58.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
45.2	52.7	54.9	57.6	60.2	60.9	61.8	62.7	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
47.4	53.9	56.1	58.8	61.4	62.3	63.2	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
47.5	57.3	59.6	62.4	65.0	65.8	66.9	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
48.1	62.4	64.7	67.7	70.3	71.2	72.3	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
48.1	66.1	70.7	73.5	76.2	77.1	78.2	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
50.1	69.9	73.2	75.4	79.2	79.2	80.4	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
50.3	73.0	75.4	79.0	82.7	83.0	84.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
54.8	77.1	79.4	83.6	86.6	87.6	89.0	89.8	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	
55.2	78.2	81.7	84.7	88.3	89.6	91.1	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	
55.5	78.8	81.6	85.6	89.0	90.4	92.0	93.0	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	
55.7	79.5	82.3	86.5	90.0	91.5	93.3	94.3	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	
55.9	79.7	82.6	87.1	91.6	92.5	94.3	95.3	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	
55.9	79.8	82.9	87.5	91.1	92.7	94.6	95.9	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	
55.9	80.0	83.4	88.1	91.7	93.4	95.6	97.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	
55.9	80.0	83.5	88.4	92.5	94.3	96.9	98.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.8	99.9	100.	100.	100.	100.	100.	
55.9	80.0	83.5	88.4	92.5	94.3	97.0	98.5	99.7	99.8	99.9	100.	100.	100.	100.	100.	

TOTAL NUMBER OF OBSERVATIONS 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-69 AUG

12 0-1400

17.9	25.3	25.7	26.3	26.5	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
29.7	35.4	35.8	36.7	36.9	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
29.3	35.6	36.1	37.1	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
28.1	35.8	36.1	37.0	37.2	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
28.7	36.4	36.9	37.7	39.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
29.1	38.7	39.2	41.2	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
29.9	41.3	41.9	42.8	43.6	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
30.8	42.8	43.4	44.4	45.4	45.6	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
30.9	43.4	43.9	45.0	46.0	46.2	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
31.5	44.1	44.5	45.6	46.7	47.0	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
33.4	46.1	46.7	47.9	49.1	49.3	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
41.3	55.7	56.5	57.6	59.0	59.2	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
45.3	59.8	60.5	61.8	63.1	63.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
49.9	65.4	66.1	67.5	68.9	69.2	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
54.3	69.7	70.5	71.9	73.3	73.5	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
58.7	75.8	76.6	78.0	79.5	79.7	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
62.7	79.7	80.5	82.0	83.4	83.6	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
65.5	84.0	85.1	86.4	88.1	88.3	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
66.6	85.4	86.4	87.9	89.6	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
67.5	86.9	87.9	89.3	91.0	91.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
68.5	88.3	90.1	91.6	93.3	93.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
68.6	89.5	90.4	92.5	94.3	94.8	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
68.7	89.6	91.0	92.8	94.5	95.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
68.7	89.3	91.3	93.0	95.0	95.5	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
68.7	90.0	91.9	93.4	95.4	96.0	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
69.7	90.4	91.9	94.1	96.1	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
69.7	90.6	92.2	94.3	96.4	97.0	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
69.7	90.7	92.4	94.5	96.7	97.4	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
69.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
69.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
69.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
69.7	90.7	92.4	94.5	96.9	97.5	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19[illegible] BRIZE NORTON RAF [illegible] 73-82 AUG

[illegible] 1500-1700
[illegible] OBSERVATIONS

[illegible].2	27.6	25.[illegible]	28.4	29.6	29.8	28.9	28.9	25.9	26.9	28.9	28.9	28.9	28.9	25.9	29.9
26.7	37.3	37.9	38.3	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
26.9	37.6	38.1	38.6	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
26.9	37.6	38.1	38.6	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
27.6	38.6	39.1	39.6	40.0	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
[illegible].7	42.3	42.9	43.4	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
33.6	46.6	47.3	48.0	48.5	49.[illegible]	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
34.5	48.4	49.1	50.6	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
34.6	48.7	49.3	50.2	51.2	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
35.9	49.9	50.6	51.5	52.5	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
38.3	53.3	53.9	54.9	56.6	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
47.3	63.3	64.3	65.4	67.2	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
51.6	68.5	69.5	70.5	72.3	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
54.5	72.2	73.3	74.3	76.1	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
56.4	74.5	75.7	76.8	78.6	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
58.5	77.9	79.[illegible]	80.3	82.2	83.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
60.9	80.8	82.1	83.4	85.4	86.3	86.5	87.[illegible]	87.0	87.0	87.0	87.0	87.0	87.[illegible]	87.0	87.[illegible]
63.3	84.2	85.8	87.1	89.2	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
64.2	85.4	87.[illegible]	88.6	90.8	91.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
65.1	86.3	87.9	89.6	91.9	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
65.7	87.3	89.[illegible]	90.9	93.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
65.9	88.3	90.2	92.2	94.6	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
66.[illegible]	88.6	90.5	92.4	94.8	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
66.3	88.6	91.6	92.7	95.4	96.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
66.7	88.6	90.6	92.9	95.7	97.1	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.[illegible]	98.3
66.3	88.8	90.8	93.3	96.2	97.5	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
66.[illegible]	88.8	90.9	93.4	96.4	97.8	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.[illegible]	99.2
66.3	88.8	91.0	93.5	96.6	98.0	98.4	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
66.3	88.8	91.0	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.3	88.8	91.0	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.3	88.8	91.0	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.[illegible]	88.8	90.9	93.6	96.7	98.3	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

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

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-87 [illegible] 0900-1200

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ALL OBSERVATIONS

34.3	34.7	35.7	36.2	36.5	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
31.3	45.0	46.2	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
31.3	45.0	46.2	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
31.3	45.0	46.2	47.9	48.5	48.8	48.8	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
32.5	45.6	47.5	48.6	49.2	49.5	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
38.3	49.4	51.2	52.4	53.0	53.3	53.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
39.2	53.5	55.5	57.0	57.5	58.0	58.2	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
39.9	54.6	56.7	58.3	59.0	59.5	59.8	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
40.3	55.0	57.2	59.0	59.7	60.1	60.5	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
40.7	55.6	57.8	59.8	60.5	60.9	61.4	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
42.1	58.2	60.5	62.7	63.9	64.4	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
47.8	65.8	68.3	70.9	72.1	72.8	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
50.7	69.4	72.1	74.6	75.9	76.6	77.0	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
51.9	71.2	73.8	76.6	77.9	78.6	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
53.3	73.4	76.1	78.9	80.3	81.0	81.4	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
55.2	76.1	79.9	82.0	83.5	84.3	84.9	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
56.5	77.9	80.9	84.0	85.5	86.3	87.0	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
58.2	80.3	83.4	86.7	88.2	89.0	89.7	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
58.4	80.7	83.8	87.2	88.7	89.5	90.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
58.9	81.8	84.6	88.3	89.9	90.7	91.4	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
59.6	82.9	86.1	89.8	91.5	92.3	93.1	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
59.7	83.2	86.6	90.4	92.3	93.1	93.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
59.6	83.5	86.9	90.6	92.5	93.3	94.1	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
59.8	83.5	87.2	91.0	93.0	93.8	94.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
59.8	83.7	87.4	91.3	93.5	94.6	95.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
59.8	83.8	87.5	91.6	94.1	95.2	96.6	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
59.9	83.8	87.5	91.7	94.2	95.4	96.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
59.9	83.9	87.7	92.0	94.7	95.8	97.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
59.8	83.9	87.7	92.2	94.9	96.4	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS [illegible]

24.5	38.1	42.7	43.6	44.7	45.2	45.6	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
29.4	45.1	48.1	51.6	53.0	53.8	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
29.4	45.1	48.1	51.6	53.7	53.8	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
29.6	45.2	48.2	51.7	53.1	53.9	54.6	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
30.2	45.8	49.0	52.5	54.0	54.8	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
31.9	48.2	51.7	55.3	57.0	57.8	58.4	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
33.7	50.9	54.9	58.2	60.0	60.9	61.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
34.5	51.7	55.8	59.2	61.0	62.0	63.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
34.6	51.9	55.7	59.4	61.2	62.2	63.3	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
35.1	52.5	56.4	60.3	62.4	63.4	64.4	65.6	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
36.5	54.7	58.9	62.9	65.1	66.4	67.4	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
39.6	59.9	64.4	68.7	70.9	72.2	73.3	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
40.8	61.3	66.1	70.3	72.6	73.9	74.9	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
41.1	62.1	67.1	71.5	73.8	75.3	76.4	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
42.2	63.6	68.9	73.1	75.5	77.0	78.2	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
44.4	66.7	72.2	76.7	79.3	80.8	82.2	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
45.3	68.5	74.2	79.0	81.9	83.4	84.8	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
46.1	70.1	76.1	81.0	84.3	85.7	87.3	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
46.4	70.4	76.4	81.5	84.7	86.2	87.8	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
46.7	70.9	77.1	82.2	85.7	87.2	88.8	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
47.8	72.2	78.4	83.6	87.2	88.8	90.3	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
48.7	73.6	79.8	84.9	88.7	90.2	91.8	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
48.7	73.9	80.1	85.3	89.3	91.0	92.6	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
48.8	74.5	81.2	86.6	90.8	92.6	94.2	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
48.8	74.6	81.6	87.0	91.2	93.1	94.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
48.8	75.1	82.2	88.0	92.5	94.5	96.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
48.8	75.1	82.2	88.0	92.5	94.5	96.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
48.8	75.1	82.2	88.0	92.5	94.5	96.4	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
48.8	75.1	82.2	88.2	92.9	95.1	97.0	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.8	75.1	82.2	88.2	92.9	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.8	75.1	82.2	88.2	93.0	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.8	75.1	82.2	88.2	93.0	95.2	97.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 AUT

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS ALL

17.9	27.0	28.8	31.2	32.7	33.5	34.2	34.9	35.2	35.3	35.3	35.3	35.4	35.5	35.6	35.6
23.3	34.5	36.7	39.7	41.5	42.5	43.3	44.4	44.7	44.9	44.9	45.0	45.1	45.2	45.3	45.3
23.1	34.6	36.8	39.8	41.6	42.6	43.4	44.5	44.8	45.0	45.1	45.1	45.2	45.3	45.4	45.5
23.1	34.6	36.8	39.8	41.6	42.6	43.4	44.5	44.8	45.0	45.1	45.1	45.2	45.3	45.4	45.5
23.6	35.3	37.5	40.5	42.4	43.4	44.2	45.3	45.6	45.8	45.9	45.9	46.0	46.1	46.2	46.3
25.3	37.7	40.0	43.2	45.1	46.1	46.9	48.1	48.4	48.7	48.7	48.7	48.9	49.0	49.0	49.1
27.5	40.7	43.2	46.5	48.6	49.7	50.6	51.9	52.3	52.5	52.6	52.6	52.8	52.9	52.9	53.0
28.3	41.9	44.6	48.1	50.3	51.5	52.5	53.9	54.4	54.7	54.8	54.8	54.9	55.0	55.1	55.2
28.5	42.3	44.9	48.4	50.7	51.9	52.9	54.5	54.9	55.2	55.3	55.3	55.4	55.6	55.6	55.7
28.9	42.8	45.4	49.0	51.3	52.5	53.6	55.1	55.6	55.9	56.0	56.0	56.1	56.2	56.3	56.4
30.5	45.0	47.9	51.6	54.2	55.5	56.6	58.3	58.8	59.1	59.2	59.2	59.3	59.4	59.5	59.6
34.9	50.8	53.9	57.9	60.7	62.1	63.3	65.1	65.7	66.0	66.1	66.1	66.2	66.3	66.4	66.5
36.9	53.3	56.5	60.5	63.3	64.8	65.9	67.8	68.3	68.6	68.7	68.8	68.9	69.0	69.1	69.2
38.8	55.6	58.9	63.0	65.9	67.4	68.6	70.4	71.0	71.4	71.4	71.5	71.6	71.7	71.8	71.9
40.3	57.5	60.9	65.0	67.9	69.4	70.7	72.6	73.2	73.5	73.6	73.6	73.7	73.8	73.9	74.0
42.4	60.4	63.9	68.3	71.2	72.8	74.2	76.1	76.7	77.0	77.1	77.1	77.3	77.4	77.4	77.5
44.3	63.0	66.6	71.1	74.2	75.8	77.2	79.1	79.7	80.1	80.1	80.2	80.3	80.4	80.5	80.6
46.1	65.9	69.7	74.4	77.6	79.2	80.7	82.7	83.3	83.7	83.8	83.8	83.9	84.0	84.1	84.2
46.7	66.8	70.6	75.4	78.7	80.4	81.9	83.9	84.6	84.9	85.0	85.0	85.2	85.3	85.3	85.4
47.6	68.1	72.0	77.0	80.4	82.2	83.6	85.7	86.3	86.7	86.8	86.8	86.9	87.1	87.1	87.2
48.6	69.8	73.9	79.1	82.6	84.4	85.9	88.1	88.7	89.1	89.2	89.2	89.3	89.5	89.5	89.6
49.0	70.9	75.1	80.5	84.1	86.0	87.5	89.8	90.5	90.8	90.9	91.0	91.1	91.2	91.3	91.3
49.2	71.3	75.6	81.1	84.9	86.8	88.4	90.6	91.3	91.7	91.7	91.8	91.9	92.0	92.1	92.2
49.4	71.8	76.3	81.9	85.8	87.8	89.4	91.7	92.4	92.8	92.9	92.9	93.0	93.2	93.2	93.3
49.6	72.2	76.7	82.6	86.6	88.7	90.5	92.8	93.5	93.9	94.0	94.0	94.2	94.3	94.4	94.4
49.6	72.6	77.2	83.3	87.5	89.7	91.5	93.9	94.7	95.1	95.2	95.3	95.4	95.5	95.6	95.7
49.6	72.8	77.6	83.7	88.0	90.3	92.3	94.7	95.6	96.1	96.2	96.2	96.4	96.5	96.5	96.6
49.7	72.9	77.8	84.1	88.6	91.0	93.0	95.5	96.5	97.0	97.2	97.2	97.4	97.5	97.6	97.6
49.7	73.0	77.9	84.3	89.0	91.4	93.6	96.3	97.4	97.9	98.0	98.1	98.2	98.3	98.4	98.5
49.7	73.0	77.9	84.3	89.0	91.6	93.8	96.6	97.8	98.3	98.5	98.6	98.7	98.8	98.9	99.0
49.7	73.0	77.9	84.4	89.1	91.6	93.8	96.6	97.8	98.5	98.7	98.8	99.0	99.1	99.2	99.3
49.7	73.0	77.9	84.4	89.1	91.6	93.8	96.6	97.8	98.5	98.7	98.8	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7116

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM ALL OBSERVATIONS

1	28.3	29.9	32.3	35.9	37.6	39.2	41.1	41.9	41.8	42.2	42.2	42.3	42.5	42.5	42.5	
1	32.2	34.4	37.2	41.0	42.9	44.5	46.6	47.1	47.3	47.8	47.8	47.9	48.1	48.1	48.6	
1	32.2	34.4	37.2	41.0	42.9	44.5	46.6	47.1	47.3	47.8	47.6	47.9	48.1	48.1	48.6	
2	32.3	34.5	37.3	41.1	43.0	44.6	46.8	47.2	47.4	47.7	47.9	48.2	48.2	48.2	48.7	
2	32.7	34.6	37.8	41.5	43.5	45.2	47.3	47.8	48.0	48.5	48.6	48.6	48.8	48.9	49.3	
2	34.4	36.6	39.6	43.3	45.3	47.0	49.1	49.6	49.8	50.3	50.3	50.4	50.6	50.6	51.1	
2	36.2	38.7	41.9	45.6	47.7	49.5	51.6	52.1	52.3	52.8	52.8	52.9	53.1	53.1	53.6	
2	37.8	41.3	43.7	47.6	49.6	51.5	53.7	54.2	54.4	54.8	54.8	54.9	55.2	55.2	55.8	
2	38.3	41.0	44.7	48.7	50.7	52.7	54.8	55.3	55.5	56.[illegible]	56.[illegible]	56.1	56.3	56.3	56.8	
2	38.7	41.3	45.1	49.0	51.1	53.0	55.2	55.6	55.9	56.3	56.3	56.4	56.7	56.7	57.1	
2	39.9	42.7	46.5	50.5	52.6	54.5	56.9	57.3	57.7	58.4	58.4	58.5	58.7	58.7	59.2	
2	43.1	46.[illegible]	49.9	54.0	56.2	58.1	60.9	61.7	61.7	62.3	62.3	62.5	62.7	62.7	63.1	
2	44.[illegible]	46.9	50.9	54.9	57.1	59.0	61.8	62.7	62.6	63.3	63.3	63.4	63.6	63.6	64.1	
2	46.5	49.8	52.8	56.9	59.[illegible]	61.7	63.7	64.2	64.5	65.2	65.2	65.3	65.5	65.5	66.[illegible]	
3	46.3	49.8	53.9	58.4	60.8	62.7	65.4	65.[illegible]	66.2	66.9	66.9	67.1	67.2	67.2	67.7	
3	46.7	52.3	56.9	62.0	64.4	66.3	69.1	69.5	69.9	70.5	70.5	70.6	70.9	70.9	71.3	
3	49.9	53.9	58.7	64.1	66.4	68.4	71.2	71.7	72.0	72.7	72.7	72.8	73.[illegible]	73.[illegible]	73.[illegible]	
3	52.4	56.[illegible]	61.6	67.7	70.2	72.1	75.[illegible]	75.4	75.8	76.5	76.5	76.6	76.8	76.8	77.2	
3	53.1	57.7	62.6	68.7	71.2	73.2	76.[illegible]	76.[illegible]	76.8	77.5	77.5	77.6	77.8	77.8	78.3	
3	54.5	59.0	64.3	70.3	72.9	74.9	77.7	78.[illegible]	78.8	79.5	79.5	79.6	79.9	79.9	80.3	
3	56.3	64.2	70.2	76.5	79.1	81.2	84.[illegible]	84.6	85.2	85.9	85.9	86.[illegible]	86.[illegible]	86.[illegible]	86.7	
3	61.0	65.9	72.4	78.8	81.5	83.5	86.5	87.[illegible]	87.8	88.5	88.5	88.6	88.9	88.9	89.3	
3	61.3	66.2	72.8	79.4	82.3	84.3	87.3	88.1	88.6	89.[illegible]	89.3	89.4	89.6	89.6	90.1	
3	61.9	66.3	73.4	80.1	83.[illegible]	85.1	88.1	88.9	89.5	90.2	90.2	90.3	90.6	90.6	91.[illegible]	
3	63.1	68.[illegible]	74.6	81.6	84.6	86.8	90.1	90.[illegible]	91.6	92.3	92.3	92.4	92.6	92.[illegible]	93.1	
3	63.5	68.5	75.5	83.0	86.2	88.3	92.3	93.1	93.7	94.4	94.4	94.5	94.8	94.8	95.[illegible]	
3	63.6	68.7	76.0	83.7	87.1	89.6	93.4	94.2	94.9	95.6	95.6	95.7	95.9	95.9	96.4	
3	63.6	68.8	76.5	84.3	87.7	90.2	94.5	95.3	96.[illegible]	96.7	96.7	96.8	97.[illegible]	97.[illegible]	97.5	
3	63.6	68.9	76.7	84.6	88.3	90.8	95.3	96.1	96.9	97.6	97.6	97.7	98.[illegible]	98.[illegible]	98.4	
3	63.6	68.[illegible]	76.6	84.8	88.4	91.2	95.7	96.8	97.5	98.[illegible]	98.3	98.4	98.6	98.6	99.1	
3	63.6	68.8	76.8	84.8	88.4	91.2	95.7	96.9	98.[illegible]	98.6	98.7	98.9	99.1	99.1	99.5	
3	63.6	68.8	76.8	84.8	88.4	91.2	95.7	96.8	98.[illegible]	98.[illegible]	98.9	99.[illegible]	99.3	99.[illegible]	99.[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible] 270

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

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF [illegible] 73-82 SEP

[illegible] 0300-0600

[illegible]	[illegible]	22.9	24.6	26.7	28.4	29.3	32.6	33.6	34.7	34.9	35.0	36.1	36.5	37.0	37.4	
16.1	23.9	26.5	29.1	31.4	33.2	34.4	37.8	38.8	40.0	40.2	40.3	41.4	41.[illegible]	42.4	42.[illegible]	
16.1	23.9	26.5	29.5	31.7	33.6	34.7	38.1	39.2	40.3	40.5	40.6	41.8	42.2	42.7	43.3	
16.1	23.9	26.5	29.5	31.7	33.6	34.7	38.1	39.2	40.3	40.5	40.6	41.8	42.2	42.7	43.3	
16.3	24.2	26.8	29.8	32.1	34.4	35.6	39.0	40.1	41.3	41.4	41.7	42.8	43.3	43.7	44.3	
17.5	25.7	28.3	31.5	33.6	36.1	37.3	40.8	41.8	43.0	43.3	43.4	44.5	45.[illegible]	45.4	46.[illegible]	
18.6	27.3	3[illegible]	33.5	35.7	38.2	39.6	43.3	44.[illegible]	45.5	45.8	45.9	47.1	47.5	47.9	48.5	
19.3	27.5	3[illegible]	33.6	36.3	39.2	4[illegible].5	44.2	45.2	46.5	46.8	46.9	48.1	48.5	49.[illegible]	49.5	
19.8	27.7	30.5	33.8	36.5	39.6	41.[illegible]	44.6	45.7	46.9	47.3	47.4	48.5	49.[illegible]	49.4	50.[illegible]	
19.2	28.1	30.[illegible]	34.2	37.0	40.1	41.4	45.1	46.1	47.4	47.7	47.8	49.[illegible]	49.4	49.9	50.5	
20.1	29.6	32.4	36.0	38.8	41.9	43.3	46.9	47.[illegible]	49.2	49.5	49.7	5[illegible].8	51.[illegible]	51.[illegible]	52.3	
21.1	31.4	34.6	38.4	41.2	44.5	45.[illegible]	49.3	51.1	52.6	53.[illegible]	53.1	54.2	54.7	55.1	55.7	
22.[illegible]	32.6	35.7	39.7	42.7	46.[illegible]	47.4	51.3	52.6	54.1	54.5	54.6	55.7	56.2	56.6	57.2	
22.[illegible]	34.2	37.4	41.7	44.9	48.2	49.5	53.4	54.[illegible]	56.3	56.6	56.7	57.9	58.3	58.[illegible]	59.4	
23.6	35.2	38.4	42.7	45.9	49.5	50.9	54.8	56.2	57.8	58.1	58.2	59.4	59.8	60.3	60.8	
24.7	37.2	40.4	45.3	48.5	52.2	53.5	57.6	59.[illegible]	60.6	61.[illegible]	61.1	62.2	62.7	63.1	63.7	
25.2	38.7	42.[illegible]	47.[illegible]	50.[illegible]	54.5	55.8	59.9	61.3	62.9	63.2	63.4	64.5	65.[illegible]	65.4	66.[illegible]	
26.7	41.1	45.[illegible]	50.5	54.3	[illegible]6.4	59.8	64.[illegible]	65.4	67.[illegible]	67.4	67.5	68.6	69.1	69.5	70.1	
27.3	42.4	46.7	52.2	56.1	[illegible]0.2	61.5	65.8	67.1	68.7	69.1	69.2	70.3	70.[illegible]	71.2	71.8	
28.1	44.1	48.5	54.2	58.2	62.3	63.7	67.9	69.3	70.9	71.2	71.3	72.5	72.9	73.4	74.[illegible]	
29.9	47.3	52.5	58.9	63.4	67.8	69.2	73.4	74.[illegible]	76.5	76.8	76.9	78.1	78.5	79.[illegible]	79.6	
31.6	49.5	55.1	61.6	66.3	70.9	72.5	76.7	78.[illegible]	79.9	80.[illegible]	80.4	81.5	82.[illegible]	82.4	83.[illegible]	
31.[illegible]	50.8	56.4	63.1	67.9	72.5	74.2	78.4	80.[illegible]	81.8	82.2	82.3	83.4	83.9	84.4	84.9	
31.4	52.2	58.[illegible]	64.7	69.6	74.3	76.[illegible]	80.5	82.1	84.1	84.5	84.6	85.7	86.2	86.6	87.2	
32.3	53.1	59.[illegible]	66.2	71.3	76.4	78.1	82.5	84.6	86.6	87.2	87.3	88.5	88.9	89.4	90.[illegible]	
32.9	54.[illegible]	60.[illegible]	67.7	73.2	78.3	80.[illegible]	84.5	86.6	88.7	89.3	89.4	90.5	91.[illegible]	91.4	92.[illegible]	
33.1	54.1	60.4	68.3	73.9	79.1	80.8	85.5	87.7	90.[illegible]	90.5	90.6	91.8	92.2	92.7	93.3	
33.1	54.3	61.[illegible]	68.9	74.8	80.5	82.2	87.3	89.5	91.8	92.4	92.5	93.6	94.1	94.5	95.1	
33.[illegible]	54.3	61.[illegible]	69.1	75.1	80.9	82.8	88.[illegible]	90.[illegible]	92.6	93.2	93.3	94.4	94.9	95.3	95.9	
33.[illegible]	54.3	60.[illegible]	69.1	75.1	81.1	82.9	88.4	91.[illegible]	93.2	93.7	94.1	95.2	95.[illegible]	96.2	96.6	
33.[illegible]	54.3	60.[illegible]	69.1	75.1	81.1	83.[illegible]	88.6	91.[illegible]	93.5	94.1	94.5	95.8	96.6	97.1	97.7	
33.1	54.3	60.[illegible]	69.1	75.1	81.1	83.0	88.6	91.1	93.6	94.2	94.6	96.1	97.1	97.7[illegible]	[illegible]	

[illegible] TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE 0600-0900
FROM HOURLY OBSERVATIONS

12.7	17.7	19.4	21.4	22.4	23.1	23.8	25.9	26.7	27.7	28.5	29.3	29.6	30.1	30.4	31.5
18.7	23.2	26.8	30.5	31.9	33.3	34.1	35.9	37.6	39.1	40.2	40.4	41.1	42.4	43.1	44.2
18.7	23.2	26.8	30.5	31.9	33.3	34.1	36.6	37.6	39.1	40.2	40.4	41.1	42.4	43.1	44.2
18.1	23.4	27.2	30.7	32.1	33.3	34.3	36.8	37.9	39.4	40.4	40.6	41.3	42.6	43.3	44.5
18.5	23.8	27.4	31.1	32.6	33.9	35.1	37.6	38.8	40.3	41.3	41.6	42.3	43.5	44.2	45.4
19.2	24.9	28.5	32.2	33.8	35.6	37.0	39.6	40.8	42.3	43.3	43.5	44.2	45.5	46.2	47.3
21.2	27.6	31.4	35.3	37.1	38.8	40.2	43.1	44.3	46.3	47.5	47.7	48.4	49.7	50.3	51.5
21.5	28.9	31.8	35.8	37.5	39.3	40.6	43.5	44.8	46.8	47.9	48.2	48.8	50.1	50.9	52.0
21.8	29.3	32.2	36.1	37.9	39.6	41.0	44.0	45.3	47.2	48.4	48.6	49.3	50.6	51.3	52.4
21.8	29.3	32.2	36.7	38.5	40.2	41.6	44.6	45.8	47.8	49.0	49.2	49.9	51.2	51.9	53.0
22.5	30.3	33.1	37.9	39.8	41.7	43.1	46.2	47.7	49.7	50.8	51.0	51.7	53.1	53.7	54.8
24.1	32.4	35.4	39.6	41.6	43.4	44.8	48.2	49.8	51.7	52.9	53.1	53.8	55.1	55.8	57.0
24.8	33.8	36.1	40.2	42.3	44.1	45.5	48.8	50.5	52.4	53.6	53.8	54.5	55.8	56.5	57.7
25.3	34.9	37.2	41.2	43.3	45.2	46.7	50.0	51.6	53.6	54.8	55.1	55.8	57.1	57.7	59.0
25.4	35.0	37.3	41.3	43.5	45.6	47.1	50.5	52.3	54.4	55.7	55.9	56.6	57.9	58.5	59.8
27.1	37.0	39.2	43.8	46.1	48.4	50.0	53.5	55.3	57.5	58.8	59.0	59.7	61.0	61.7	62.9
28.1	38.1	40.9	44.9	47.5	49.9	51.5	55.1	57.2	59.4	60.6	60.9	61.6	62.8	63.5	64.8
29.1	40.0	43.0	47.6	50.7	53.1	54.9	58.5	60.7	63.0	64.3	64.5	65.2	66.5	67.2	68.5
29.7	40.9	43.9	48.6	51.8	54.4	56.1	59.8	62.0	64.3	65.6	65.8	66.5	67.8	68.5	69.7
30.4	41.9	44.9	50.3	53.6	56.1	57.9	61.5	63.7	66.1	67.4	67.7	68.4	69.6	70.3	71.6
32.3	46.3	49.1	55.0	58.2	60.7	62.5	66.4	68.6	71.0	72.3	72.5	73.2	74.5	75.2	76.4
33.5	48.4	51.6	57.9	61.7	64.2	66.2	70.3	72.5	74.8	76.2	76.6	77.3	78.5	79.2	80.5
34.1	49.1	52.7	59.7	63.5	66.1	68.0	72.2	74.4	76.7	78.1	78.4	79.1	80.4	81.1	82.3
34.6	50.3	54.5	62.0	65.9	68.6	70.8	75.2	77.4	79.8	81.2	81.5	82.2	83.5	84.2	85.5
34.9	51.5	55.9	63.6	67.7	70.6	72.5	76.9	79.1	81.5	82.9	83.3	83.9	85.2	85.9	87.2
34.9	52.4	56.8	64.8	69.1	72.2	74.2	78.6	80.9	83.3	84.6	85.1	85.8	87.0	87.9	89.1
34.9	52.5	57.0	65.4	69.7	73.0	75.2	79.8	82.1	84.4	85.8	86.3	87.0	88.3	89.0	90.3
34.9	52.5	57.5	66.2	70.9	74.8	77.3	82.3	84.5	87.0	88.6	89.1	89.7	91.1	91.8	93.1
34.9	52.7	58.1	66.6	71.8	75.9	78.4	83.3	86.1	88.6	90.4	90.9	91.6	93.0	93.6	94.9
34.9	52.8	58.1	66.7	72.1	76.1	78.8	84.2	87.5	90.1	92.0	92.5	93.3	94.8	95.5	96.8
34.9	52.8	58.1	66.7	72.1	76.1	78.8	85.1	87.9	90.4	92.7	93.2	94.0	95.5	96.3	97.6
34.9	52.8	58.1	66.7	72.1	76.1	78.8	85.3	87.9	90.5	93.0	93.4	94.6	96.2	97.1	98.3

TOTAL NUMBER OF OBSERVATIONS 566

...AL CLIMATOLOGY BRANCH
...AFCTAC
2 ...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...BRIZE NORTON RAF ...K 73-... SEP
...0Z-1100

...0.1	...5	21....	23.1	24.3	25....	25.3	25.5	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.1
28....	32.9	35.2	37.4	39.0	40.2	40.3	40.4	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0
28.7	32.9	35.2	37.4	39.0	40.2	40.3	40.4	40.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0
28.8	33.1	35.8	37.7	39.3	40.2	40.5	40.6	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2
28.8	33.7	36.0	38.4	40.0	40.9	41.2	41.3	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9
29.1	34.0	36.3	39.0	40.2	42.1	42.6	42.7	42.8	43.3	43.3	43.3	43.3	43.3	43.3	43.3
29.8	37.7	40.1	42.6	44.5	45.4	45.9	46.3	46.5	46.7	46.8	46.9	46.9	46.9	46.9	46.9
30.4	38.4	41.7	43.8	46.0	47.3	47.5	48.1	48.2	48.6	48.8	48.6	48.8	48.8	48.6	48.6
30.7	38.6	41.4	44.3	46.7	47.7	48.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
30.7	38.6	41.4	44.3	46.7	47.7	48.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
31.7	40.3	43.6	45.4	47.8	48.9	49.3	50.0	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6
33.4	42.2	45.2	48.3	51.0	52.1	52.5	53.3	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9
34.5	43.6	46.3	49.8	52.5	53.5	54.1	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5
34.6	46.2	49.2	52.9	55.6	56.6	57.3	58.1	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7
37.1	47.3	50.9	53.7	56.5	57.5	58.2	59.3	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7
41.1	50.1	53.1	56.8	59.8	60.8	61.5	62.3	62.6	63.0	63.1	63.0	63.0	63.1	63.1	63.1
44.1	55.3	58.1	61.8	65.2	66.2	66.9	67.7	67....	68.4	68.4	68.4	68.4	68.4	68.4	68.4
47.8	59.8	62.9	66.7	70.1	71.1	71.8	72.6	73....	73.4	73.4	73.4	73.4	73.4	73.4	73.4
49.3	62.3	65.2	68.9	72.4	73.4	74.1	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7
51.5	64.5	67.7	71.6	75.0	76.0	76.7	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
55.9	70.9	74.5	78.6	82.2	83.2	83.9	84.9	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7
57.1	73.2	77.1	81.6	85.3	86.5	87.3	88.4	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
57.6	74.5	78.7	83.4	87.6	88.9	89.7	90.8	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8
57.8	75.0	79.5	84.5	88.7	90.4	91.2	92.2	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
58.0	75.3	79.8	84.9	89.3	91.2	92.0	93.2	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
58.1	76.0	80.6	85.8	90.3	92.5	93.5	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
58.1	76.1	81.1	86.3	91.1	93.3	94.3	96.0	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1
58.1	76.1	81.2	86.6	91.7	93.9	95.1	97.0	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4
58.1	76.1	81.2	86.8	92.1	94.4	95.5	97.7	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
58.1	76.1	81.2	86.8	92.1	94.5	95.7	97.8	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ____ 176

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

CEILING VERSUS VISIBILITY

...WRIGHT PATTERSON AFB OH 73-80 ...

...STATION PERCENTAGE FREQUENCY OF OCCURRENCE ... 17 JUL 1981
...FROM HOURLY OBSERVATIONS

24.3	24.1	21.5	22.2	22.7	22.6	23.2	23.2	23.7	23.3	23.2	23.3	23.3	23.7	23.7	23.3	
27.2	35.2	35.7	36.4	37.0	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	
27.4	35.5	35.9	36.6	37.2	37.3	37.7	37.7	37.9	37.8	37.8	37.8	37.8	37.8	37.9	37.8	
27.5	35.6	36.3	37.2	37.5	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
28.6	37.3	37.4	38.1	38.7	38.8	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
31.2	39.6	40.1	40.8	41.3	41.4	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
34.4	43.5	44.1	44.8	45.6	45.7	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
35.4	44.7	45.2	46.2	47.0	47.1	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
35.4	44.7	45.2	46.4	47.2	47.4	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	
35.4	44.7	45.2	46.4	47.2	47.4	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	
36.6	46.3	46.8	48.0	48.8	49.0	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
40.3	49.9	51.5	51.8	52.9	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.	
42.8	52.7	53.3	54.6	55.7	55.9	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	
46.5	57.4	58.1	59.4	60.5	61.7	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	
48.8	59.9	60.8	61.9	63.0	63.3	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	
54.4	66.6	66.7	68.1	69.2	69.5	70.0	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	
61.5	73.5	74.2	75.5	76.7	76.9	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.	
66.7	81.1	81.7	83.2	84.5	84.7	85.4	85.6	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	
68.7	83.4	84.0	85.5	87.0	87.3	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	
69.3	86.1	86.9	88.4	90.1	90.4	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	
71.8	89.2	90.4	92.0	93.8	94.3	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	
72.1	91.7	92.9	93.6	95.8	96.1	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
72.3	91.8	92.8	93.9	96.2	96.7	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	
72.4	91.3	92.5	94.1	96.7	97.1	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
72.4	91.3	92.5	94.1	96.7	97.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	
72.4	91.4	92.7	94.4	96.8	97.5	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	
72.4	91.4	92.7	94.4	96.9	97.6	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
72.4	91.4	92.7	94.4	97.0	97.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	

...TOTAL NUMBER OF OBSERVATIONS ... 71

2 [illegible] CLIMATO[illegible] [illegible]

[illegible]

CEILING VERSUS VISIBILITY

[illegible] [illegible]ORTON [illegible] 73-[illegible]

[illegible] OCCURRENCE [illegible] OBSERVATIONS [illegible]

[illegible]	25.3	[illegible]	24.6	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
[illegible]	[illegible]	[illegible]	41.6	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
[illegible]	40.5	41.1	42.0	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
[illegible]	40.7	41.5	42.4	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
[illegible]	[illegible]	42.7	43.6	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
[illegible]	46.2	[illegible]	47.7	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
[illegible]	[illegible]	[illegible]	51.1	52.0	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
42.4	51.5	52.1	53.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
42.5	51.7	52.4	53.7	54.8	54.9	54.9	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
42.7	52.2	[illegible]	54.0	55.1	55.3	55.3	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
44.7	54.6	55.1	56.7	58.0	58.1	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
49.5	[illegible]	[illegible]	62.6	63.8	64.0	64.2	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
54.2	65.5	[illegible]	[illegible]	69.3	69.4	69.6	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
55.1	69.7	71.5	72.3	73.6	73.7	73.9	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
[illegible]	72.7	73.4	75.3	75.5	76.6	76.9	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
[illegible]	76.6	77.4	79.2	80.6	80.8	81.0	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
67.3	81.0	[illegible]	83.6	85.2	85.4	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
[illegible]	83.7	84.9	86.9	88.4	88.6	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
[illegible]	85.1	86.2	88.2	89.7	90.1	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
70.2	86.5	87.9	90.2	91.8	92.1	92.4	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
71.1	89.0	90.6	92.9	94.7	95.1	95.7	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
71.3	89.9	91.6	93.9	95.8	96.3	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
71.4	90.7	92.4	94.7	96.7	97.2	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
71.4	90.7	92.4	94.8	96.8	97.3	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
71.4	[illegible]	92.7	95.3	97.3	97.7	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
71.4	91.0	92.8	95.4	97.4	98.1	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
71.4	91.1	93.0	95.6	97.7	98.4	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
71.4	91.1	93.0	95.6	97.7	98.4	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
71.4	91.1	93.0	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.0	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.0	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
71.4	91.1	93.0	95.6	97.7	98.5	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

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

[illegible] GRIFFISS AIR FORCE BASE, NY [illegible]

CEILING VERSUS VISIBILITY

[illegible]

[illegible]	25.7	28.7	3.4	31.6	32.2	32.3	32.6	32.1	32.6	32.6	32.5	32.5	32.5	32.5	32.5	32.5
39.3	39.7	42.3	44.1	45.6	46.2	46.5	46.3	46.5	46.5	46.6	46.5	46.6	46.5	46.5	46.5	46.6
39.3	39.7	42.3	44.1	45.6	46.2	46.5	46.6	46.5	46.5	46.6	46.6	46.6	46.5	46.5	46.5	46.6
41.4	42.3	43.8	44.6	46.0	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
42.1	43.4	43.9	45.7	47.3	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
43.1	43.4	45.2	47.6	48.4	49.9	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
47.3	47.7	50.2	52.1	53.7	54.4	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
48.1	48.6	51.3	53.5	55.6	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
48.1	48.9	51.7	53.7	55.9	56.6	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
48.5	49.3	51.9	54.1	56.2	56.9	57.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
49.1	51.7	54.4	56.6	58.1	59.9	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
49.6	50.9	53.8	61.2	63.5	64.3	64.6	65.8	65.9	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9
49.1	50.2	61.7	63.9	66.2	67.7	67.6	68.5	68.9	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
47.1	61.5	64.7	67.6	69.9	70.7	71.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
49.2	65.7	67.2	70.2	72.5	73.3	73.9	74.8	74.9	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9
52.1	67.6	7 .9	74.1	76.4	77.2	77.8	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
54.1	7 .3	73.8	77.1	79.4	80.2	80.3	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
55.4	72.7	77.4	81.4	83.8	85.1	85.7	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
56.6	74.2	77.8	81.9	84.3	85.5	86.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
57.5	76.4	80.4	84.5	87.1	88.3	89.3	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
58.3	78.6	83.1	87.5	90.3	91.6	92.3	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
59.4	79.5	84.1	88.5	91.6	93.1	93.9	94.8	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
60.0	80.2	84.9	89.6	92.4	93.9	94.7	95.6	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
61.6	80.9	85.6	90.4	93.2	94.6	95.6	96.6	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3
62.5	81.6	86.3	91.2	94.2	95.9	96.7	97.6	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
63.6	81.6	86.4	91.4	94.5	96.2	97.1	98.3	98.8	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
63.6	81.7	86.5	91.5	94.8	96.5	97.7	98.9	99.1	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8
63.6	81.7	86.5	91.5	94.8	96.6	97.7	98.9	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
63.6	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
63.6	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
63.6	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
63.6	81.7	86.5	91.5	94.8	96.6	97.8	99.0	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

26.6	26.7	27.6	27.4	29.5	30.6	31.0	31.7	32.0	32.5	33.1	33.6	33.7	33.7	34.2	35.7	
27.0	27.3	29.1	31.1	34.1	35.4	35.9	36.8	37.7	38.2	38.4	39.6	39.1	39.1	39.5	40.9	
27.6	27.3	29.2	31.2	34.2	35.5	35.9	36.9	37.4	38.3	38.5	39.6	39.2	39.2	39.5	40.7	
27.6	27.3	29.2	31.2	34.2	35.5	35.9	36.9	37.4	38.3	38.5	39.6	39.2	39.2	39.6	40.7	
28.4	28.3	30.1	32.2	35.1	36.5	36.9	37.9	38.4	39.3	39.5	39.6	40.2	40.2	40.5	41.7	
29.4	29.4	31.4	34.2	37.4	38.8	39.4	40.4	40.9	41.6	42.0	42.1	42.7	42.7	43.1	44.2	
30.7	31.2	33.9	36.2	39.6	41.2	41.7	42.9	43.4	44.3	44.5	44.6	45.2	45.2	45.6	46.7	
32.0	32.7	34.2	37.2	41.7	42.3	42.8	44.1	44.6	45.5	45.7	45.8	46.4	46.4	46.8	47.9	
32.0	32.9	34.4	37.6	41.2	42.9	43.3	44.6	45.3	46.1	46.4	46.5	47.1	47.1	47.4	48.5	
32.3	32.3	35.3	38.7	42.3	44.3	44.6	46.0	46.7	47.5	47.8	47.9	48.4	48.4	48.9	49.9	
32.3	33.3	36.2	39.7	43.5	45.2	46.0	47.4	48.1	49.0	49.2	49.3	49.8	49.8	50.3	51.4	
33.3	35.4	38.9	42.6	47.0	49.1	50.1	51.6	52.3	53.6	53.9	54.0	54.6	54.6	55.1	56.1	
34.1	36.5	39.7	43.9	48.1	50.2	51.3	53.1	54.0	54.8	55.1	55.2	55.8	55.8	56.3	57.3	
35.1	38.0	41.2	45.9	51.4	52.4	53.5	55.3	56.4	57.3	57.7	57.8	58.5	58.5	59.0	60.1	
36.2	39.7	43.5	48.1	52.8	54.6	56.1	57.9	59.0	60.0	60.7	61.0	61.7	61.7	61.5	62.7	
37.1	41.7	46.7	50.5	55.4	57.6	58.9	60.9	62.0	63.1	63.7	63.8	64.2	64.2	64.5	65.7	
38.3	44.1	49.2	53.4	58.7	61.3	62.8	65.0	66.1	67.0	67.4	67.5	68.2	68.2	68.7	69.7	
40.7	47.4	52.1	57.9	63.4	66.3	68.2	70.9	72.3	73.2	73.6	73.7	74.4	74.4	74.9	76.1	
42.4	47.6	52.3	58.1	64.2	67.1	69.2	71.9	73.2	74.2	74.5	74.6	75.4	75.4	76.0	77.0	
43.3	48.7	53.8	59.7	66.1	69.2	71.3	74.2	75.5	76.5	76.8	76.9	77.7	77.7	78.2	79.3	
43.4	50.3	55.5	62.3	69.8	72.3	74.1	77.4	78.8	79.8	80.1	80.2	81.0	81.0	81.5	82.6	
43.7	51.1	56.4	63.7	71.7	74.1	76.2	79.7	81.1	82.1	82.4	82.5	83.2	83.2	83.9	84.9	
43.4	51.9	57.6	64.5	71.9	75.3	77.4	81.0	82.4	83.4	83.9	83.9	84.7	84.7	85.2	86.3	
43.6	52.3	58.2	65.4	72.9	76.5	79.6	82.3	83.7	84.3	85.2	85.3	86.1	86.1	86.6	87.7	
43.7	53.2	59.7	66.5	74.1	77.7	79.8	83.6	85.5	86.5	87.1	87.2	87.9	87.9	88.5	89.6	
44.1	53.8	59.7	67.4	75.0	78.9	81.2	85.5	87.3	88.4	88.5	88.9	89.7	89.7	90.2	91.3	
44.1	54.2	60.5	68.0	76.1	80.0	82.4	87.1	88.8	89.9	90.2	90.4	91.2	91.2	91.7	92.8	
44.1	54.3	60.4	68.2	76.7	80.6	83.4	88.2	90.0	91.1	91.6	91.7	92.6	92.6	93.1	94.2	
44.1	54.3	60.4	68.3	76.8	80.7	83.6	88.5	90.3	91.4	91.9	92.1	93.0	93.0	93.6	94.7	
44.1	54.3	60.4	68.3	76.8	80.8	83.7	88.6	90.6	92.2	92.6	92.9	93.9	93.9	94.5	95.6	
44.1	54.3	60.4	68.3	76.8	80.8	83.7	88.6	90.6	92.2	92.8	92.9	93.9	94.1	94.8	96.4	
44.1	54.3	60.4	68.3	76.8	80.8	83.7	88.8	90.8	92.3	93.0	93.3	94.5	95.2	96.1	97.3	

TOTAL NUMBER OF OBSERVATIONS ____ x10

GLOBAL CLIMATOLOGY BRANCH
CLIMATIC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK 73-82 OCT

[illegible] AREA [illegible]

[illegible]	21.4	23.2	25.4	26.9	27.7	28.1	29.4	30.2	30.9	31.0	31.2	31.3	31.9	32.7	33.2
15.7	24.3	26.1	29.6	31.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5
16.7	24.3	26.1	28.6	31.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5
16.7	24.3	26.1	28.6	30.9	32.1	32.4	33.9	34.7	35.5	35.7	35.9	36.1	36.9	37.2	38.5
16.9	24.5	26.4	28.9	31.1	32.3	32.6	34.2	34.9	35.7	35.9	36.1	36.3	37.1	37.4	38.7
16.2	25.9	27.8	30.3	32.8	33.9	34.3	35.8	36.5	37.3	37.5	37.7	38.0	38.6	39.0	40.2
19.1	26.9	29.7	31.5	34.3	35.5	36.1	37.6	38.4	39.2	39.4	39.6	39.9	40.7	41.1	42.4
19.3	27.4	29.3	32.1	35.0	36.7	37.1	38.9	39.7	40.5	40.7	40.9	41.2	42.0	42.4	43.7
17.4	27.7	29.5	32.3	35.2	36.9	37.3	39.2	39.9	40.9	41.1	41.3	41.6	42.4	42.9	44.1
17.7	28.2	30.2	33.1	36.0	37.6	38.2	40.0	41.0	42.0	42.2	42.4	42.7	43.6	43.9	45.2
[illegible]	28.7	31.0	33.9	37.2	39.0	39.6	41.6	42.6	43.6	43.8	44.0	44.4	45.1	45.6	46.9
21.1	32.1	33.8	36.7	40.0	42.0	43.5	46.1	47.2	48.4	48.7	48.9	49.3	50.1	50.5	51.8
21.7	32.1	34.8	37.7	41.1	44.0	44.7	47.4	48.5	49.7	50.0	50.2	50.7	51.4	51.8	53.1
22.3	33.3	35.9	38.9	42.4	45.3	46.1	48.8	49.9	51.2	51.5	51.7	52.2	52.9	53.4	54.7
22.5	34.2	36.7	39.8	43.4	46.3	47.1	49.8	50.9	52.2	52.5	52.7	53.1	53.9	54.3	55.6
23.0	36.4	39.2	42.7	46.3	49.3	50.2	53.5	54.5	55.9	56.2	56.4	56.8	57.6	58.0	59.3
25.2	39.2	42.0	46.0	49.9	53.0	54.0	57.0	58.7	60.1	60.4	60.6	61.1	61.9	62.3	63.6
25.9	41.4	45.0	49.3	53.4	56.5	57.5	61.2	62.3	63.8	64.1	64.3	64.9	65.5	65.9	67.2
26.4	42.2	46.0	50.5	54.7	57.8	58.9	62.7	63.8	65.4	65.7	65.9	66.4	67.1	67.5	68.9
27.4	43.6	47.5	52.2	56.3	59.5	60.8	65.0	66.3	67.9	68.2	68.4	68.9	69.6	70.1	71.4
27.9	44.6	48.6	53.7	58.2	61.7	63.2	67.9	69.8	71.4	71.7	71.9	72.3	73.1	73.5	74.8
28.1	45.6	50.2	55.3	60.1	63.8	65.3	70.0	71.9	73.6	74.0	74.2	74.6	75.4	75.8	77.1
28.3	46.3	50.7	56.1	60.9	64.8	66.4	71.2	73.0	74.9	75.3	75.5	75.9	76.7	77.1	78.4
28.4	46.3	51.3	57.2	62.1	66.3	68.0	73.2	75.4	77.3	77.7	77.9	78.3	79.1	79.5	80.8
28.5	47.2	52.3	58.5	63.8	68.1	69.8	75.1	77.2	79.3	79.6	79.8	80.3	81.0	81.5	82.9
28.5	47.6	52.9	59.2	65.0	69.6	71.5	76.7	79.0	81.1	81.6	81.8	82.2	83.1	83.6	84.9
28.6	47.9	53.6	60.1	66.2	71.0	73.0	78.5	81.1	83.3	83.5	84.1	84.5	85.4	85.9	87.2
28.6	48.3	53.9	60.6	66.8	71.8	73.9	79.8	82.4	84.6	85.1	85.4	85.8	86.7	87.2	88.5
28.6	48.3	53.9	60.6	66.9	71.9	74.1	80.3	83.1	85.4	86.1	86.3	86.9	87.9	88.4	89.7
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	83.4	86.0	86.8	87.0	87.5	88.6	89.2	90.6
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	84.1	87.2	87.9	88.1	88.6	89.8	90.5	91.9
28.6	48.3	53.9	60.6	66.9	72.0	74.2	80.5	84.2	87.2	88.4	88.8	89.4	91.3	92.5	93.9

TOTAL NUMBER OF OBSERVATIONS 572

4 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF [illegible] 73-E[illegible] [illegible]

[illegible]

1.7	13.6	14.7	19.3	16.2	17.1	17.7	18.5	19.7	1[illegible].4	[illegible].5	19.6	[illegible].0	[illegible]	[illegible].7	[illegible]
14.3	[illegible].1	21.[illegible]	23.6	[illegible].1	[illegible].2	27.3	29.4	3[illegible].1	3[illegible].8	[illegible].9	31.3	31.5	32.[illegible]	[illegible].7	33.7
14.4	[illegible].2	21.7	23.9	[illegible].7	[illegible].4	27.4	29.6	3[illegible].2	3[illegible].9	[illegible].1	31.4	31.6	32.1	[illegible].7	[illegible]
14.4	[illegible].2	21.7	23.9	[illegible].2	[illegible].4	27.4	29.6	3[illegible].2	3[illegible].9	[illegible].1	31.4	31.6	32.1	[illegible].7	[illegible]
14.7	[illegible].6	[illegible].4	24.6	[illegible].8	[illegible].[illegible]	[illegible].0	[illegible].2	31.[illegible]	31.8	31.[illegible]	32.2	32.4	32.[illegible]	[illegible]	[illegible]
15.[illegible]	[illegible].2	23.[illegible]	[illegible].3	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	32.1	32.[illegible]	33.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].7	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].7	33.7	36.1	37.[illegible]	[illegible].7	37.[illegible]	[illegible].4	[illegible].6	[illegible].3	[illegible].7	[illegible]
[illegible].[illegible]	[illegible].5	27.4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	34.2	[illegible].9	37.7	3[illegible].5	38.6	39.1	[illegible].4	[illegible].1	[illegible].7	[illegible]
[illegible].8	[illegible].5	27.4	[illegible].3	[illegible].7	[illegible].3	34.2	37.[illegible]	37.8	3[illegible].[illegible]	38.7	39.3	[illegible].5	[illegible].7	[illegible]	[illegible]
[illegible].[illegible]	[illegible].3	[illegible].1	[illegible].1	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].6	39.4	[illegible].5	[illegible].[illegible]	[illegible].2	[illegible].1	[illegible].7	[illegible]
[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].6	[illegible].5	[illegible].3	36.4	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].7	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible]
19.1	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].[illegible]	[illegible].5	[illegible].7	[illegible].6	[illegible].[illegible]	[illegible]
[illegible].7	[illegible].9	[illegible].7	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].8	[illegible].6	[illegible].1	[illegible].7	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].6	[illegible].4	[illegible].1	[illegible].7	[illegible].9	[illegible].2	[illegible].3	[illegible].2	[illegible].[illegible]	[illegible].2	[illegible].5	5[illegible].1	[illegible].5	[illegible].4	[illegible]
[illegible].4	[illegible].3	[illegible].1	[illegible].8	[illegible].5	[illegible].[illegible]	[illegible].2	[illegible].1	[illegible].[illegible]	[illegible].2	[illegible].5	[illegible].[illegible]	[illegible].5	[illegible].7	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].1	[illegible].[illegible]	[illegible].9	[illegible].2	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].3	[illegible].6	[illegible].2	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].6	[illegible].2	[illegible].9	[illegible].9	[illegible].9	[illegible].3	[illegible].[illegible]	[illegible].6	[illegible].2	[illegible].4	[illegible].[illegible]	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].3	[illegible].[illegible]	[illegible].4	[illegible].6	[illegible].7	[illegible].6	[illegible].7	[illegible].9	[illegible].5	[illegible].6	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].1	[illegible].7	[illegible].1	[illegible].1	[illegible].[illegible]	[illegible].8	[illegible].7	[illegible].3	[illegible].4	[illegible].6	[illegible].7	[illegible].8	[illegible].[illegible]	[illegible].4	[illegible]
[illegible].[illegible]	[illegible].3	[illegible].4	[illegible].2	[illegible].7	[illegible].2	[illegible].4	[illegible].3	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].4	[illegible].6	[illegible].[illegible]	[illegible].9	[illegible].3	[illegible].4	[illegible].3	[illegible].4	[illegible].4	[illegible].8	[illegible].3	[illegible].[illegible]	[illegible].4	[illegible].4	[illegible].[illegible]	[illegible]
[illegible].[illegible]	[illegible].8	[illegible].1	[illegible].4	[illegible].2	[illegible].1	[illegible].1	[illegible].3	[illegible].5	[illegible].4	[illegible].2	[illegible].[illegible]	[illegible].2	[illegible].7	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].5	[illegible].[illegible]	[illegible].1	[illegible].9	[illegible].2	[illegible].3	[illegible].2	[illegible].8	[illegible].1	[illegible].8	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATIONS [illegible]

2

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

CEILING VERSUS VISIBILITY

[illegible] NORTON [illegible] 73-[illegible] [illegible]

[illegible]	[illegible]	[illegible]	16.0	17.7	[illegible]	18.5	19.0	19.1	[illegible]	19.2	19.3	19.3	19.6	19.7	19.7
[illegible]	[illegible]	25.2	26.6	[illegible]	[illegible]	31.7	32.3	32.7	32.7	32.9	33.0	33.2	33.6	33.7	33.7
17.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.7	32.3	32.7	32.7	32.9	33.	33.2	33.6	33.7	33.7
[illegible]	[illegible]	[illegible]	[illegible]	30.1	[illegible]	31.7	32.3	32.7	32.7	32.9	[illegible]	33.2	33.6	33.7	33.7
[illegible]	[illegible]	[illegible]	[illegible]	30.9	[illegible]	32.4	33.1	33.4	33.4	33.7	33.8	[illegible]	[illegible]	34.4	34.4
[illegible]	[illegible]	[illegible]	[illegible]	33.8	34.7	35.4	35.2	[illegible]	[illegible]	[illegible]	[illegible]	37.1	37.4	37.6	37.6
[illegible]	[illegible]	[illegible]	[illegible]	37.6	[illegible]	39.3	40.2	[illegible]	40.7	[illegible]	[illegible]	41.2	[illegible]	41.7	41.7
[illegible]	[illegible]	[illegible]	37.6	39.1	[illegible]	41.0	41.9	[illegible]	42.4	42.7	[illegible]	43.0	43.3	43.4	43.4
[illegible]	[illegible]	34.7	[illegible]	[illegible]	[illegible]	41.2	[illegible]	42.5	42.8	[illegible]	43.1	43.3	43.7	43.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	39.6	[illegible]	41.4	42.4	42.8	43.	43.2	43.3	43.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.1	44.1	44.4	44.7	[illegible]	[illegible]	45.2	45.5	45.7	45.7
[illegible]	[illegible]	34.7	[illegible]	[illegible]	44.9	45.9	47.1	47.4	47.5	[illegible]	48.1	48.3	48.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	44.1	[illegible]	[illegible]	48.1	49.4	[illegible]	50.1	[illegible]	50.4	50.7	[illegible]	51.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.4	51.8	52.1	52.4	52.7	52.6	[illegible]	53.5	[illegible]	53.5
[illegible]	41.	43.	[illegible]	50.1	51.3	52.7	[illegible]	54.7	54.7	54.9	[illegible]	55.2	55.6	55.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.9	57.4	57.8	58.1	58.7	[illegible]	59.7	[illegible]	59.1	[illegible]
[illegible]	[illegible]	[illegible]	52.8	[illegible]	57.4	58.9	[illegible]	61.1	61.4	61.7	61.8	62.0	62.3	62.4	62.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.6	63.1	[illegible]	[illegible]	65.9	66.1	66.2	66.4	[illegible]	66.9	[illegible]
[illegible]	[illegible]	53.4	[illegible]	[illegible]	63.4	65.1	67.4	[illegible]	68.1	69.3	68.4	68.7	[illegible]	69.1	69.2
[illegible]	[illegible]	[illegible]	[illegible]	64.3	[illegible]	69.2	70.5	[illegible]	71.3	71.6	71.7	71.9	[illegible]	72.7	[illegible]
[illegible]	[illegible]	[illegible]	64.7	[illegible]	[illegible]	72.6	74.9	[illegible]	75.7	75.9	[illegible]	76.2	76.6	76.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.1	74.1	75.5	77.0	77.3	77.6	77.7	77.9	78.2	78.3	78.4
[illegible]	[illegible]	[illegible]	[illegible]	71.6	73.9	76.2	76.8	79.2	79.6	79.8	79.9	80.1	80.4	80.5	80.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.5	78.1	80.8	81.4	81.8	[illegible]	82.1	82.3	82.7	82.8	82.9
[illegible]	[illegible]	[illegible]	[illegible]	74.4	77.2	[illegible]	82.6	83.4	83.9	84.2	84.3	84.5	84.9	[illegible]	85.1
[illegible]	[illegible]	[illegible]	[illegible]	76.2	79.4	82.7	[illegible]	85.7	87.4	87.8	87.9	88.1	88.4	88.6	88.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.9	89.7	[illegible]	90.1	90.3	90.7	90.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.6	85.1	[illegible]	[illegible]	90.9	[illegible]	91.4	91.7	[illegible]	92.1	92.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7	89.6	90.8	91.9	92.3	92.6	92.9	93.3	93.4	93.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.9	[illegible]	91.3	92.7	93.2	93.7	94.1	95.1	95.2	95.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.9	[illegible]	91.3	92.7	93.4	[illegible]	94.4	[illegible]	96.1	97.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.0	91.3	92.7	93.4	[illegible]	94.6	96.3	96.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

1 USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BRIZE NORTON RAF UK 73-87 DEC

(0000-1400)

12.4	15.3	16.1	16.7	16.9	16.9	17.0	17.2	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
23.4	29.6	31.3	31.6	32.1	32.1	32.4	32.8	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	
23.6	29.7	30.4	31.7	32.2	32.2	32.6	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	
23.6	29.7	30.4	31.7	32.2	32.2	32.6	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	
24.7	30.9	31.7	32.9	33.4	33.4	33.8	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	
26.9	33.6	34.6	35.8	36.3	36.3	36.7	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	
28.6	37.1	38.1	39.3	39.9	39.9	40.2	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	
30.1	37.9	38.9	40.2	41.3	41.3	41.4	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	
30.3	38.6	39.6	40.9	41.7	41.7	42.1	42.6	42.7	42.7	42.8	42.9	42.8	42.8	42.8	42.8	
30.5	38.8	39.8	41.1	41.9	41.9	42.3	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	
31.2	40.2	41.2	42.6	43.7	43.7	44.1	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	
34.1	44.2	45.5	47.1	48.4	48.4	48.9	49.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	
36.1	47.0	48.2	50.3	51.8	51.9	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	
38.8	50.3	51.7	53.4	54.9	55.0	55.9	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	
40.1	51.6	52.9	55.0	56.4	56.7	57.6	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	
42.7	56.0	56.3	58.9	60.3	60.6	61.4	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	
47.6	60.7	62.0	64.9	66.6	66.9	67.8	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	
50.3	66.8	68.4	71.4	73.3	73.9	74.8	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	
54.1	69.2	71.2	74.2	76.1	76.7	77.6	78.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	
56.5	72.1	73.6	76.8	78.2	79.3	81.8	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	
57.3	74.3	77.3	80.3	84.9	85.7	86.8	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	
57.3	75.6	78.7	84.3	86.9	87.9	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	
57.8	76.3	79.6	84.9	87.9	89.1	90.6	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	
58.1	77.7	81.9	86.8	89.9	91.2	92.8	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	
58.2	78.3	81.8	88.2	91.3	92.3	94.3	95.3	95.6	95.7	95.9	95.8	95.8	95.8	95.9	95.8	
58.2	78.4	81.9	88.4	92.0	93.4	95.1	96.2	96.6	96.7	96.8	96.8	96.9	96.8	96.9	96.9	
58.2	78.6	82.0	88.7	92.2	93.7	95.3	96.7	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.3	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.2	98.4	99.2	99.2	99.3	99.3	99.3	99.3	
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.3	98.5	99.4	99.4	99.7	99.8	99.8	100.0	
58.2	78.6	82.1	88.9	92.7	94.1	95.8	97.4	98.3	98.5	99.4	99.4	99.7	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(4/ BRIZE NORTON RAF UK 73-87 OCT
(1500-1700
(ALL OBSERVATIONS)

1/.4	18.5	19.	19.4	2..1	21.4	21.2	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
35.6	31.5	32.4	32.9	33.7	34.3	35.4	35.7	36.	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
26.1	31.5	32.7	33.3	34.4	34.7	35.3	36.4	36.	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6
26.7	31.5	32.7	33.3	34.4	34.7	35.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
27.4	32.5	33.7	34.3	35.4	35.7	36.9	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
29.1	36.1	37.1	37.7	38.8	39.1	40.3	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
32.2	39.5	42.1	41.5	42.7	43.1	44.2	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
33.5	41.5	42.9	43.4	44.5	44.9	46.1	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
33.9	42.1	43.7	44.1	45.1	45.4	46.5	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
34.3	42.5	43.9	44.4	45.6	46.1	47.2	47.7	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
34.9	43.9	45.4	46.1	47.3	47.6	48.8	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
35.4	49.1	51.9	52.6	53.3	53.7	55.0	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
43.6	54.5	56.4	57.6	58.8	59.2	60.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
45.5	57.5	59.2	60.6	61.8	62.2	63.5	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
47.4	59.8	61.7	63.0	64.3	64.8	66.1	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
49.2	62.9	65.3	67.0	68.5	69.1	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
51.5	66.0	68.1	70.2	72.2	72.8	74.3	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
54.6	70.8	73.1	75.6	78.0	78.8	80.2	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
55.4	72.0	74.3	77.0	79.6	80.3	81.9	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
56.1	74.1	76.5	79.7	82.3	83.1	84.6	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
57.5	77.2	80.1	84.1	87.1	88.1	89.8	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
58.1	78.9	82.1	86.2	89.4	90.6	92.5	93.6	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
58.1	79.3	82.4	86.6	90.3	91.5	93.5	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
58.3	79.6	82.9	87.3	91.0	92.3	94.3	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
58.3	80.2	83.4	87.6	91.6	92.9	95.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
58.5	80.7	83.9	88.7	92.5	93.8	96.0	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
58.5	80.7	83.9	88.7	92.5	93.6	96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
58.5	80.7	83.9	88.7	92.7	94.1	96.4	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.91	100.0	100.0	100.0	100.0
58.5	80.7	83.9	88.7	92.8	94.5	96.7	98.6	99.2	99.4	99.4	99.6	99.91	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

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

2

CEILING VERSUS VISIBILITY

... POINT NORTON RAF ... 73-67 ...

...1	24.4	25.7	...1	26.8	27.3	27.3	29.7	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4
30.4	32.7	34.1	35.4	36.8	37.5	38.3	40.3	41.7	41.7	41.2	41.2	41.3	41.3	41.3	41.4
...6	33.2	34.5	35.9	37.2	37.9	38.7	40.8	41.1	41.4	41.7	41.7	41.8	41.8	41.8	41.9
...6	33.2	34.5	35.9	37.2	37.9	38.7	40.8	41.1	41.4	41.7	41.7	41.8	41.8	41.8	41.9
...2	33.9	35.2	36.6	38.1	38.8	39.6	41.8	42.1	42.4	42.6	42.6	42.7	42.7	42.7	42.8
37.3	38.9	37.4	39.0	40.3	41.1	41.9	44.1	44.5	44.8	45.0	45.0	45.1	45.1	45.1	45.3
39.1	39.8	41.5	42.1	43.6	44.5	45.3	47.4	47.7	48.2	48.4	48.4	48.5	48.5	48.5	48.5
39.7	39.9	41.8	43.5	45.1	46.0	46.9	49.3	49.4	49.7	49.9	49.9	50.1	50.1	50.1	50.2
40.1	40.6	42.4	44.2	45.9	46.8	47.5	49.7	50.2	50.5	50.7	50.7	50.8	50.8	50.8	50.9
40.3	40.9	42.7	44.5	46.3	47.2	48.0	50.2	50.5	50.9	51.1	51.1	51.3	51.3	51.3	51.4
41.2	41.6	44.0	46.0	48.5	49.4	50.3	52.6	53.0	53.3	53.5	53.5	53.7	53.7	53.7	53.8
43.1	46.1	48.1	50.5	52.3	53.7	54.7	57.0	57.7	58.0	58.2	58.2	58.3	58.3	58.3	58.5
43.2	49.1	51.3	53.7	55.5	56.9	58.1	60.3	61.0	61.3	61.5	61.5	61.6	61.6	61.6	61.7
43.2	50.5	53.3	55.7	57.6	59.0	60.1	62.4	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.8
47.3	52.2	55.1	57.6	59.4	61.3	62.2	64.4	65.1	65.4	65.6	65.6	65.8	65.8	65.8	65.9
49.6	56.7	59.7	62.7	64.7	66.4	67.6	70.2	70.9	71.2	71.5	71.5	71.6	71.6	71.6	71.8
50.2	61.0	63.9	66.1	68.4	70.3	72.0	74.6	75.2	75.6	75.8	75.9	76.0	76.1	76.0	76.1
54.4	63.7	66.7	70.0	72.8	74.6	76.7	79.4	80.0	80.4	80.7	80.7	80.8	80.8	80.8	81.9
54.7	64.6	67.8	71.0	73.6	75.6	77.6	80.4	81.1	81.5	81.8	81.8	81.9	81.9	81.9	82.0
54.9	65.4	68.6	72.0	75.1	77.1	79.4	82.2	83.0	83.4	83.8	83.8	83.9	83.9	83.9	84.0
55.3	67.9	71.6	76.0	79.3	81.4	84.2	86.8	87.7	88.1	88.4	88.4	88.5	88.5	88.5	88.7
55.5	68.5	72.3	76.8	80.3	82.6	85.4	88.3	89.3	89.7	90.1	90.1	90.2	90.2	90.2	90.3
55.6	68.6	72.4	76.9	80.6	82.9	85.7	88.8	89.7	90.2	90.5	90.5	90.6	90.6	90.6	90.7
56.6	69.4	73.4	78.1	82.0	84.4	87.2	90.4	91.5	91.9	92.3	92.3	92.4	92.4	92.4	92.5
56.9	70.2	74.6	79.5	83.9	86.3	89.3	92.6	93.9	94.3	94.7	94.7	94.8	94.8	94.8	94.9
57.1	71.1	75.6	80.7	85.4	87.8	90.8	94.1	95.4	95.9	96.2	96.2	96.3	96.3	96.3	96.4
57.1	71.4	75.9	81.0	85.7	88.1	91.2	94.5	95.9	96.4	96.7	96.7	96.8	96.8	96.8	96.9
57.1	71.5	76.2	81.6	86.5	89.0	92.0	95.5	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.1
57.1	71.5	76.3	81.7	86.7	89.3	92.4	95.9	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.5
57.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.6	98.3	98.6	98.6	98.8	98.8	98.8	98.9
57.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.7	98.4	98.7	98.7	98.9	99.1	99.2	99.5
57.1	71.5	76.3	81.7	86.7	89.3	92.4	96.1	97.7	98.4	98.7	98.7	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 917

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

CEILING VERSUS VISIBILITY

...BRIZE NORTON RAF UK ...73-87 ...OCT

...PER ... ...1 JAN 73 - 31 DEC 87

...1	25.8	27.3	29.3	31.7	31.4	31.9	32.6	33.5	34.3	34.1	34.3	34.3	34.7	34.9	35.4
24.1	32.6	35.2	37.2	38.7	41.1	41.1	42.3	43.2	43.6	43.7	43.8	44.0	44.6	44.7	45.3
24.1	32.7	35.4	37.5	38.9	41.3	41.3	42.5	43.4	43.9	43.9	44.1	44.2	44.5	44.9	45.6
24.2	33.0	35.6	37.7	39.1	41.5	41.5	42.7	43.6	44.1	44.1	44.2	44.5	45.1	45.1	45.8
25.1	34.1	36.7	39.0	40.4	41.8	42.8	44.0	44.7	45.3	45.5	45.6	45.8	46.3	46.4	47.1
25.3	34.6	37.3	39.9	41.5	42.9	43.9	45.1	45.7	46.4	46.5	46.7	46.9	47.4	47.5	48.2
27.1	37.1	40.1	42.8	45.2	46.7	47.9	49.0	49.8	50.3	50.4	50.5	50.7	51.3	51.4	52.0
27.7	38.0	41.0	43.8	46.2	47.6	48.7	49.9	51.0	51.3	51.4	51.5	51.7	52.2	52.4	53.1
27.8	38.1	41.1	43.9	46.3	47.8	49.0	50.2	51.2	51.7	51.9	51.9	52.1	52.7	52.8	53.5
27.8	38.2	41.2	44.7	47.1	48.6	49.8	51.0	52.1	52.6	52.7	52.8	53.0	53.6	53.7	54.3
28.7	40.0	43.3	46.9	49.5	51.1	52.2	53.5	54.4	55.1	55.1	55.2	55.4	56.1	56.1	56.7
30.0	42.3	45.1	48.8	52.6	54.2	55.5	56.8	57.8	58.4	58.5	58.6	58.8	59.4	59.5	60.1
31.7	43.6	47.1	51.2	53.9	55.6	57.0	58.4	59.4	59.9	60.0	60.1	60.4	60.9	61.0	61.7
31.2	44.9	48.9	52.6	55.9	57.5	58.8	60.4	61.3	61.9	62.0	62.1	62.3	62.9	63.0	63.6
32.7	45.7	49.4	53.6	56.7	58.6	60.1	61.7	62.7	63.2	63.3	63.4	63.6	64.2	64.3	65.1
34.9	49.8	54.3	58.7	62.0	64.0	65.6	67.5	68.5	69.1	69.2	69.3	69.6	70.1	70.2	70.9
36.3	52.0	57.0	61.3	65.2	67.1	68.9	70.9	71.9	72.5	72.6	72.7	72.9	73.5	73.6	74.3
37.2	54.9	60.2	64.5	68.6	70.5	72.5	74.7	75.7	76.5	76.7	76.8	77.0	77.5	77.7	78.3
38.5	56.2	61.4	66.0	70.2	72.5	74.5	76.7	77.7	78.4	78.6	78.8	79.0	79.5	79.6	80.3
39.2	57.4	62.6	67.5	71.7	74.3	76.3	78.5	79.5	80.3	80.5	80.6	80.8	81.4	81.5	82.1
40.3	58.9	64.3	69.6	74.1	76.6	79.1	81.4	82.4	83.5	83.7	83.8	84.0	84.6	84.7	85.3
41.0	60.8	66.9	71.7	76.7	79.5	82.1	84.4	85.4	86.5	86.9	87.1	87.2	87.7	87.8	88.5
41.3	61.6	67.1	72.6	77.7	80.7	83.2	85.7	86.6	88.1	88.3	88.4	88.6	89.2	89.3	89.9
41.6	62.3	68.0	73.6	79.3	82.4	84.9	87.3	88.3	89.7	89.9	90.0	90.3	90.8	91.0	91.6
41.7	62.7	68.3	74.2	79.8	83.4	86.0	88.5	89.5	90.9	91.1	91.2	91.5	92.0	92.1	92.8
41.7	63.1	68.8	74.9	80.7	84.2	87.0	89.9	91.0	92.4	92.7	92.8	93.0	93.5	93.6	94.3
41.7	63.7	69.7	75.8	81.7	85.2	88.1	91.2	92.3	93.8	94.1	94.1	94.3	94.9	95.0	95.6
41.7	64.0	70.0	76.3	82.6	86.1	88.9	92.8	93.9	95.3	95.5	95.6	95.8	96.4	96.5	97.2
41.7	64.0	70.0	76.5	83.1	86.7	89.8	93.6	94.7	96.2	96.4	96.5	96.7	97.3	97.4	98.1
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.7	96.9	97.5	97.6	98.2
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.7	96.9	97.5	97.6	98.3
41.7	64.0	70.0	76.5	83.2	86.9	89.9	93.8	94.9	96.4	96.6	96.8	97.0	97.7	97.8	98.5

TOTAL NUMBER OF OBSERVATIONS ... 91

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BRIZE NORTON RAF UK [illegible] OCT

ALL

15.2	19.7	20.7	22.0	23.0	[illegible]	24.2	25.0	25.4	25.7	[illegible]	25.9	[illegible]	26.2	26.4	[illegible]
[illegible]	27.6	29.4	31.2	32.7	33.6	34.3	35.5	36.0	36.0	36.5	36.6	36.9	37.1	37.7	37.8
[illegible]	28.1	[illegible]	31.3	32.9	[illegible]	34.5	35.7	36.1	36.5	36.7	36.8	37.0	37.2	37.4	[illegible]
[illegible]	28.0	[illegible]	31.4	32.9	33.6	34.5	35.7	36.2	36.5	36.7	36.8	[illegible]	37.3	37.4	[illegible]
31.3	[illegible]	30.4	32.3	33.8	34.7	35.4	36.6	37.1	37.5	37.6	37.7	37.9	[illegible]	[illegible]	38.9
32.7	33.7	32.4	34.4	36.1	37.0	37.7	39.0	39.4	39.8	[illegible]	40.1	40.3	40.6	40.7	41.3
24.7	33.4	35.2	37.4	39.3	40.3	41.0	42.3	42.9	43.3	43.4	43.5	43.8	44.	44.2	44.8
[illegible]	34.3	[illegible]	36.5	40.4	41.0	42.3	43.6	44.2	44.5	44.7	44.9	45.1	45.4	45.6	46.0
25.4	34.7	[illegible]	38.9	40.8	41.9	42.7	44.1	44.6	45.1	45.2	45.4	45.6	[illegible]	46.1	46.7
[illegible]	35.1	[illegible]	39.4	41.4	42.5	43.3	44.7	45.3	45.8	45.9	46.1	46.3	46.6	46.8	47.4
26.2	36.2	38.7	40.9	43.1	44.2	45.1	46.6	47.1	47.6	47.8	47.9	48.1	48.4	48.6	49.2
[illegible]	37.2	41.4	44.3	46.7	48.1	49.1	50.8	51.5	52.0	52.2	52.4	52.6	52.9	53.1	53.7
29.7	41.4	43.7	46.7	49.1	50.6	51.6	53.4	54.1	54.6	54.8	[illegible]	55.2	55.5	55.7	56.3
[illegible]	43.2	45.7	48.8	51.3	52.9	53.9	55.8	56.5	[illegible]	57.2	57.4	57.6	[illegible]	58.1	[illegible]
[illegible]	44.6	47.1	50.3	52.9	54.5	55.7	57.6	58.3	58.8	59.0	59.2	59.5	59.8	59.9	[illegible]
[illegible]	47.5	[illegible]	53.9	56.8	[illegible]	59.8	61.9	[illegible]	63.2	63.4	63.5	63.9	64.1	64.3	[illegible]
[illegible]	50.7	53.6	57.3	60.5	62.4	63.6	[illegible]	[illegible]	67.4	67.6	67.8	68.1	68.4	68.5	69.2
[illegible]	54.2	57.5	61.6	65.1	67.1	68.6	71.1	[illegible]	72.6	72.9	73.	73.3	73.6	73.8	74.4
[illegible]	55.2	58.7	62.9	66.5	68.6	[illegible]	72.7	73.6	74.3	74.5	74.7	75.0	75.3	75.5	76.1
39.7	56.7	60.4	64.5	68.7	70.9	72.6	75.2	76.1	76.9	77.1	77.3	77.5	77.9	[illegible]	78.7
[illegible]	59.0	62.9	68.1	72.2	74.5	76.4	79.2	80.2	81.0	81.3	81.4	81.7	82.0	82.2	[illegible]
41.2	[illegible]	64.4	69.7	74.1	76.6	78.6	81.4	[illegible]	83.3	83.6	83.7	84.0	84.3	84.5	[illegible]
41.5	60.7	65.0	[illegible]	75.0	77.6	79.7	82.6	83.7	84.6	84.9	85.0	85.3	85.6	85.9	[illegible]
[illegible]	61.5	[illegible]	71.7	76.5	79.2	81.3	84.4	85.6	86.5	[illegible]	86.9	87.2	87.5	87.7	88.4
[illegible]	62.2	66.7	72.8	77.7	80.6	82.9	86.1	87.4	88.4	88.6	88.8	89.1	89.4	89.6	[illegible]
[illegible]	62.7	67.3	73.6	78.8	81.8	84.3	87.7	89.1	90.1	90.4	90.5	90.8	91.2	91.4	92.
42.1	63.0	67.8	74.2	79.5	82.6	85.2	88.6	[illegible]	91.3	91.7	91.8	92.1	[illegible]	92.7	93.4
42.1	63.1	[illegible]	74.6	80.1	83.3	85.9	89.8	91.4	92.4	[illegible]	[illegible]	93.3	93.7	[illegible]	[illegible]
42.1	63.1	[illegible]	74.7	80.3	83.5	86.3	90.3	[illegible]	[illegible]	93.5	93.7	[illegible]	94.5	94.7	95.4
42.1	63.1	[illegible]	74.7	80.3	83.6	86.4	90.5	92.2	93.5	[illegible]	94.3	94.7	95.3	95.5	96.2
42.1	63.1	[illegible]	74.7	80.3	83.6	86.4	90.5	92.3	93.7	94.2	94.5	[illegible]	95.7	[illegible]	[illegible]
42.1	63.1	68.	74.7	[illegible]	83.6	86.4	90.5	92.7	93.7	94.4	94.7	95.2	96.3	96.7	100.

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

[illegible]	24.9	28.5	30.6	34.1	35.6	37.1	37.9	38.1	38.5	38.9	39.0	39.1	39.2	39.3	39.4	39.7
26.4	27.4	29.4	32.6	34.4	35.2	36.6	37.5	38.1	38.5	39.1	39.2	39.3	39.4	39.5	40.1	40.2
26.4	27.6	29.6	32.7	34.5	35.1	36.7	37.6	38.2	38.9	39.2	39.3	39.4	39.5	40.1	40.1	40.2
26.4	27.7	29.7	32.8	34.6	35.3	36.9	37.6	38.2	38.9	39.2	39.5	39.6	40.1	40.2	40.2	40.2
26.4	28.0	30.2	33.1	34.9	35.6	36.2	38.1	38.7	39.3	39.7	39.8	39.9	40.2	40.5	40.5	40.7
26.5	27.5	31.7	34.6	36.8	37.6	40.1	40.3	40.4	41.3	41.6	41.7	41.8	41.9	42.4	42.5	43.4
26.7	28.1	32.1	35.9	38.2	38.9	39.6	41.6	42.1	42.9	43.2	43.3	43.4	44.1	44.1	45.0	
26.8	28.5	32.3	35.9	38.2	38.9	39.6	41.6	42.1	42.9	43.2	43.3	43.5	44.1	44.2	45.0	45.1
26.9	28.5	32.4	35.9	38.3	39.0	39.7	41.6	42.2	43.0	43.3	43.4	43.7	44.2	44.2	45.1	45.2
26.9	28.1	33.2	36.5	38.9	39.6	40.2	42.2	42.7	43.7	44.1	44.2	44.4	45.0	45.1	46.0	
26.1	28.7	33.7	36.4	40.8	41.6	42.2	44.1	44.7	45.6	46.2	46.1	46.4	46.9	47.1	48.0	
26.3	28.9	34.4	40.0	43.2	44.1	44.7	47.1	47.6	48.5	49.2	49.1	49.2	49.4	50.2	50.2	
26.1	28.9	34.4	41.6	44.3	45.1	45.8	48.3	48.9	49.8	50.2	51.3	51.4	51.1	51.2	52.2	53.2
26.6	30.6	39.2	42.7	45.7	46.6	47.3	49.9	51.2	51.4	51.2	51.9	52.2	52.7	52.9	53.2	53.7
27.2	30.4	41.2	44.7	47.7	48.6	49.4	52.3	52.6	53.5	54.2	54.1	54.3	54.6	55.1	55.2	55.6
27.2	42.2	44.2	46.6	51.2	52.2	53.6	56.3	56.9	57.8	58.3	58.4	58.6	59.3	59.4	60.4	60.4
32.2	45.8	49.1	53.1	56.3	57.7	58.4	61.3	61.2	62.8	63.2	63.4	63.6	64.3	64.4	65.4	65.4
36.1	51.2	54.2	58.6	62.2	63.6	64.3	67.5	68.2	69.2	69.5	69.6	69.8	70.5	70.6	71.6	71.7
37.1	52.4	56.2	61.2	63.8	65.5	66.2	69.7	70.4	71.4	71.7	72.2	72.2	72.4	73.2	73.7	74.1
38.6	54.6	58.6	62.6	66.2	68.6	69.4	72.8	73.6	74.6	75.1	75.2	75.4	76.1	76.2	77.2	77.2
40.6	57.5	62.7	67.2	71.3	73.2	73.8	77.2	78.1	79.1	79.6	79.7	79.9	80.6	80.7	81.7	81.7
41.2	58.7	63.7	68.8	72.9	74.6	75.4	78.8	79.8	81.0	81.4	81.5	81.7	82.4	82.5	83.6	83.6
41.5	59.3	64.3	69.6	73.8	75.5	76.3	79.7	80.7	82.3	82.4	82.6	82.8	83.6	83.7	84.7	84.7
42.1	60.2	65.3	71.1	75.4	77.2	78.1	81.2	82.7	83.9	84.4	84.5	84.7	85.5	85.6	86.6	86.6
42.2	60.5	66.2	72.1	76.5	78.5	79.3	82.6	84.1	85.4	85.8	85.9	86.2	87.1	87.1	88.1	88.1
42.3	61.2	66.8	73.0	77.7	79.7	81.6	84.2	85.7	87.1	87.4	87.5	87.8	88.5	88.7	89.7	89.7
42.3	61.3	67.5	74.0	78.7	80.7	81.6	85.3	86.9	88.1	88.8	88.7	88.9	89.7	89.8	90.8	90.8
42.4	61.7	67.8	74.4	79.4	81.5	82.5	86.5	88.3	89.7	90.1	90.2	90.5	91.3	91.4	92.4	92.4
42.4	61.7	67.9	74.5	79.7	82.3	83.4	88.0	90.3	91.5	92.0	92.1	92.3	93.1	93.2	94.2	94.2
42.4	61.7	67.9	74.5	79.7	82.4	83.7	88.2	90.7	92.4	93.2	93.1	93.5	94.3	94.4	95.5	95.5
42.4	61.8	68.0	74.6	79.8	82.5	83.8	88.3	91.0	93.2	93.9	94.2	94.7	95.6	95.8	97.7	97.7
42.4	61.8	68.0	74.6	79.9	82.7	83.9	88.5	91.4	93.5	94.2	94.6	95.1	96.1	96.7	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 8[illegible]

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4 SPITZ WORTON RAF (UK) 73-67 NOV

1.9	23.0	26.3	27.6	29.7	29.3	30.4	31.1	31.5	32.2	33.2	33.6	33.6	33.6	34.0	34.3	
1.1	25.8	28.7	31.7	33.4	33.1	33.5	35.1	35.5	36.5	36.8	36.8	37.0	37.3	37.7	38.2	
1.1	26.4	29.7	32.7	33.4	33.1	33.5	35.1	35.5	36.1	36.6	36.6	37.0	37.3	37.7	38.2	
1.1	26.4	29.7	30.7	32.4	33.1	33.5	35.1	35.5	36.5	36.6	36.6	37.0	37.3	37.7	38.2	
1.1	26.4	29.5	30.6	32.5	33.3	33.6	35.2	35.6	36.7	36.7	36.7	37.1	37.6	38.1	38.6	
1.1	26.3	29.5	31.5	33.6	34.4	34.7	36.3	36.7	38.0	38.2	38.3	38.7	39.2	39.7	40.2	
1.2	27.6	31.7	33.9	35.1	36.1	36.4	38.1	38.5	39.8	40.1	40.2	40.6	41.1	41.7	42.2	
1.1	27.6	30.5	33.0	35.2	36.2	36.5	38.1	38.7	39.9	40.2	40.3	40.7	41.2	41.7	42.2	
1.2	28.0	31.5	33.3	35.4	36.4	36.7	38.4	38.9	40.2	40.5	40.6	41.0	41.5	42.1	42.6	
1.2	28.5	31.6	34.0	36.2	37.2	37.6	39.2	39.8	41.0	41.3	41.4	41.8	42.4	42.9	43.4	
1.4	31.7	33.7	36.0	38.2	39.2	39.7	41.2	41.8	43.0	43.3	43.4	43.8	44.4	44.9	45.4	
1.4	31.6	34.2	36.9	39.1	40.2	40.5	42.1	42.8	44.0	44.3	44.4	44.8	45.4	45.9	46.4	
1.4	33.4	36.7	39.4	41.9	43.1	43.7	45.3	46.1	47.6	47.9	48.0	48.4	49.0	49.5	50.0	
1.7	34.4	37.7	41.3	43.9	45.2	45.7	47.6	48.5	49.9	50.3	50.4	50.8	51.2	51.7	52.2	
1.7	35.4	38.4	42.6	45.2	46.6	47.2	49.2	50.2	51.6	51.9	52.0	52.4	52.9	53.4	53.9	
1.8	36.2	40.7	46.5	49.4	51.2	51.8	53.8	54.8	55.7	55.7	55.8	56.2	57.1	57.2	57.9	
1.8	42.7	45.8	51.7	53.9	55.7	56.3	58.3	59.1	60.5	60.6	60.7	61.0	61.6	62.0	62.7	
1.8	43.7	48.7	51.1	55.5	57.3	61.1	61.7	63.8	64.7	64.2	64.3	64.6	65.1	65.6	66.2	
1.8	43.5	48.1	52.3	57.2	61.1	63.3	63.6	66.1	67.0	68.7	68.7	68.8	69.1	70.1	71.1	
1.8	47.7	52.1	54.6	59.4	63.9	65.3	66.4	68.9	70.2	71.7	71.7	71.8	72.1	73.1	73.1	
1.8	48.1	52.2	57.1	64.2	67.9	70.5	71.3	73.9	75.3	76.0	76.5	77.1	77.3	78.2	79.3	
1.8	48.2	56.4	61.2	66.5	71.2	73.3	73.8	76.4	77.8	79.3	79.3	79.4	79.8	80.7	80.9	
1.8	48.9	56.7	62.1	67.4	72.2	74.4	74.9	77.5	79.2	81.6	81.6	82.0	81.7	81.4	82.1	
1.8	49.2	57.6	63.2	69.2	74.6	77.2	77.5	80.2	81.8	83.3	83.3	83.4	83.7	84.8	84.9	
1.8	49.3	58.7	64.3	70.8	76.3	78.9	79.4	82.2	83.8	85.4	85.4	85.5	85.8	86.7	87.1	
1.8	49.3	59.2	64.8	71.9	77.0	80.6	81.1	84.3	85.4	87.4	87.4	87.6	88.0	88.9	89.1	
1.8	49.3	59.3	64.9	72.1	77.4	81.1	81.9	84.7	86.1	88.1	88.1	88.2	88.7	89.6	90.0	
1.8	49.3	59.3	64.9	72.1	77.4	81.3	82.1	85.4	86.9	89.2	89.2	89.3	89.8	90.6	91.0	
1.8	49.3	59.3	64.9	72.2	77.5	81.5	82.4	86.1	87.6	90.2	90.2	90.3	90.8	91.6	92.0	
1.8	49.3	59.3	64.9	72.2	77.5	81.9	82.8	86.6	88.2	91.3	91.7	91.8	92.2	93.3	93.5	
1.8	49.3	59.3	64.9	72.2	77.5	81.9	82.8	86.7	88.4	91.6	91.9	92.1	92.6	93.6	94.2	
1.8	49.3	59.3	64.9	72.2	77.5	81.9	82.9	86.9	88.8	92.1	92.3	93.1	93.9	95.5	96.2	

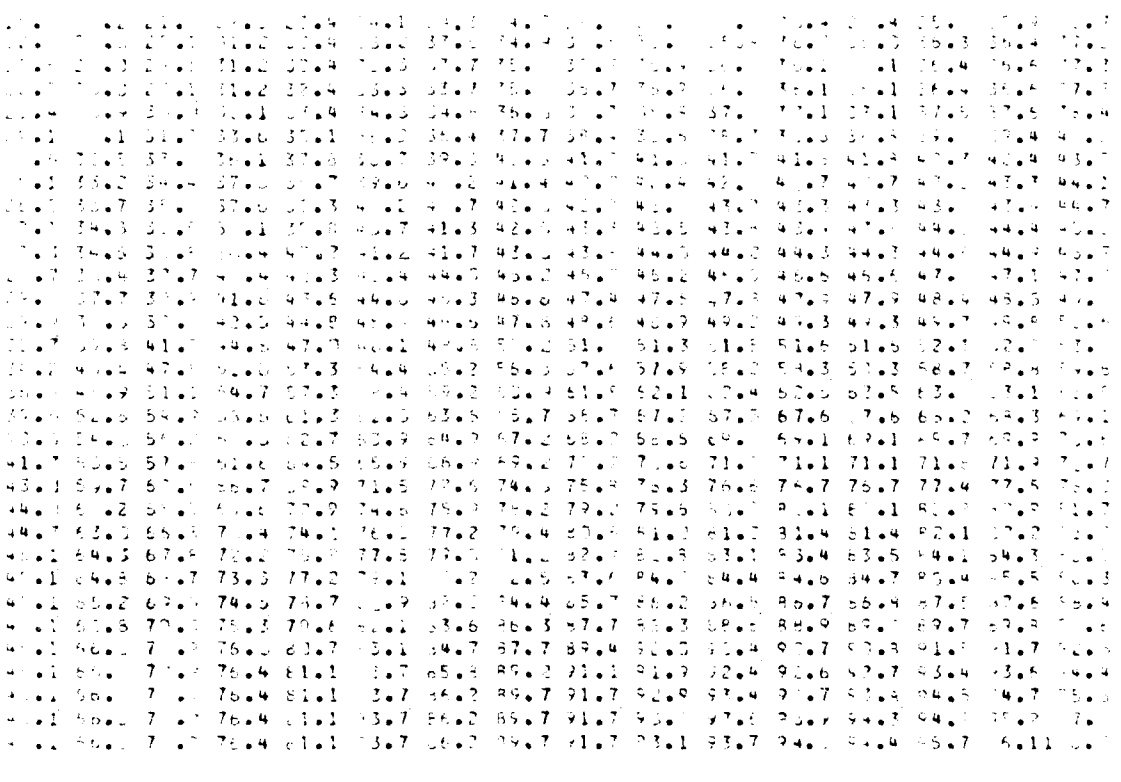
TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

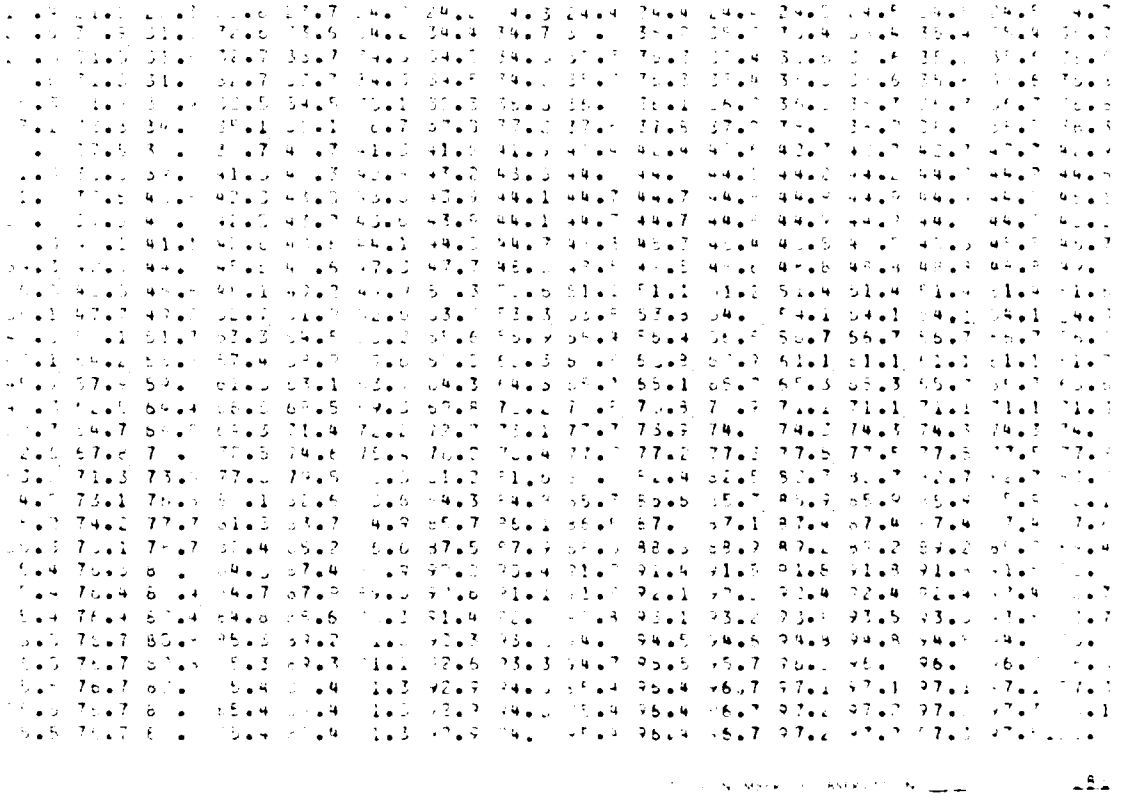
2

CEILING VERSUS VISIBILITY



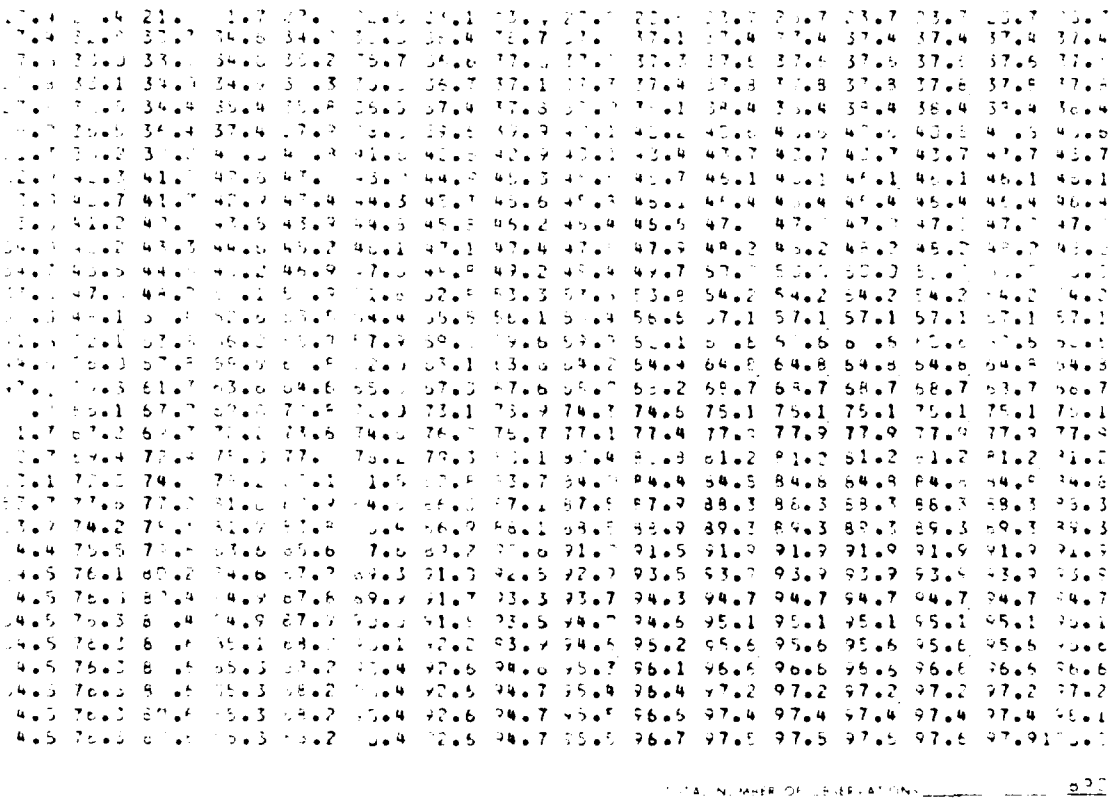
2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____ 8232

2

[illegible]

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	2[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.4	31.	31.[illegible]	31.[illegible]	32.1	[illegible]	32.3	[illegible]
27.3	33.9	35.	36.1	39.5	4[illegible].1	41.2	42.4	42.7	43.2	43.4	43.[illegible]	43.7	43.[illegible]	44.[illegible]	44.4
27.6	34.1	3[illegible].	36.3	39.8	[illegible]	41.5	42.5	42.[illegible]	43.4	43.[illegible]	43.7	44.	44.1	44.2	44.[illegible]
27.5	34.1	36.	36.3	39.8	40.3	41.5	42.5	42.[illegible]	43.4	43.[illegible]	43.7	44.	44.1	44.2	44.[illegible]
27.5	34.7	3[illegible].	36.9	40.3	40.9	42.0	43.2	43.[illegible]	44.[illegible]	44.2	44.3	44.5	44.[illegible]	44.7	4[illegible]
[illegible]	35.	3[illegible].	40.2	41.7	42.[illegible]	4[illegible].4	44.5	44.[illegible]	45.3	45.6	45.5	45.[illegible]	46.	46.1	46.[illegible]
31.[illegible]	38.[illegible]	4[illegible]	42.8	44.3	44.[illegible]	46.[illegible]	47.2	47.[illegible]	48.[illegible]	4[illegible].2	4[illegible].5	4[illegible].7	4[illegible]	49.[illegible]	49.4
31.4	3[illegible].2	41.1	43.4	45.[illegible]	45.5	46.7	47.[illegible]	48.2	48.7	48.[illegible]	49.2	49.4	[illegible]	49.6	[illegible].1
31.4	39.2	41.1	43.4	45.[illegible]	45.6	46.7	47.9	48.2	48.7	48.9	49.2	49.4	49.[illegible]	4[illegible]	[illegible].1
31.[illegible]	39.8	41.7	44.2	45.8	46.3	47.5	48.7	49.[illegible]	49.5	49.7	49.9	5[illegible].2	[illegible].3	[illegible].4	[illegible]
32.1	40.3	4[illegible].3	44.7	45.3	46.[illegible]	48.0	49.3	49.6	50.1	50.3	50.5	5[illegible].7	5[illegible]	51.[illegible]	51.4
34.	43.1	4[illegible].1	47.6	49.5	50.1	51.2	52.4	52.8	53.3	53.[illegible]	53.[illegible]	54.[illegible]	54.1	54.[illegible]	54.7
35.[illegible]	45.	47.1	4[illegible].8	51.5	52.1	53.2	54.[illegible]	54.9	55.4	55.6	55.8	56.[illegible]	56.[illegible]	[illegible].3	56.7
38.6	46.2	4[illegible]	51.6	53.3	53.9	55.[illegible]	56.3	56.6	57.2	57.4	57.6	57.9	58.[illegible]	[illegible].1	[illegible]
37.[illegible]	47.9	50.3	53.4	55.3	55.9	57.1	58.3	58.6	59.2	59.4	59.7	59.9	6[illegible].	6[illegible].1	[illegible].5
40.1	51.[illegible]	54.4	57.7	59.5	60.[illegible]	61.6	62.9	63.3	63.6	64.1	64.3	64.5	64.[illegible]	64.7	6[illegible].2
42.[illegible]	55.5	59.[illegible]	62.[illegible]	64.6	64.[illegible]	66.1	67.5	67.8	68.5	68.7	68.9	69.[illegible]	69.[illegible]	69.4	69.8
45.4	5[illegible].3	63.7	67.3	69.4	70.2	71.8	73.3	73.7	74.5	74.7	74.9	75.1	75.3	75.4	75.8
46.7	62.[illegible]	66.	69.7	72.1	72.9	74.5	76.2	76.5	77.3	77.5	77.7	78.0	78.1	78.2	78.6
47.3	6[illegible].9	67.[illegible]	71.3	74.1	74.9	76.5	78.3	78.6	79.5	79.8	8[illegible]	8[illegible].2	[illegible]	[illegible].5	[illegible]
48.5	66.2	70.4	75.8	79.1	80.[illegible]	81.7	83.5	83.8	85.[illegible]	85.2	85.5	85.8	85.9	8[illegible]	86.4
49.3	67.6	72.1	77.5	81.1	[illegible]	83.8	85.6	86.[illegible]	87.1	87.[illegible]	87.7	87.9	88.[illegible]	88.1	[illegible]
4[illegible].5	68.[illegible]	72.[illegible]	78.2	81.8	82.7	84.5	86.6	86.[illegible]	88.0	88.2	88.6	88.8	88.9	89.[illegible]	8[illegible]
4[illegible].9	68.7	73.[illegible]	79.[illegible]	82.7	83.6	85.4	87.5	88.[illegible]	89.2	89.4	89.7	89.9	90.1	90.2	[illegible]
[illegible].1	69.3	74.2	8[illegible]	83.8	84.9	86.8	88.6	89.4	9[illegible].7	91.[illegible]	91.3	91.5	91.[illegible]	[illegible]1.[illegible]	[illegible]
50.1	69.7	74.7	80.6	84.6	85.9	87.8	90.1	90.[illegible]	92.[illegible]	92.2	92.5	92.8	92.[illegible]	93.[illegible]	93.4
[illegible].1	69.8	74.8	80.7	85.0	86.3	88.4	90.7	91.3	92.8	93.[illegible]	93.3	93.6	93.7	93.9	94.2
[illegible].1	69.9	74.[illegible]	81.0	85.4	86.[illegible]	88.8	91.6	92.3	93.9	94.1	94.5	94.7	94.[illegible]	94.9	95.4
[illegible].1	69.9	74.9	81.[illegible]	85.5	86.9	88.9	92.0	92.8	94.6	94.8	95.1	95.4	95.[illegible]	95.6	96.[illegible]
[illegible].1	69.9	74.9	81.[illegible]	85.5	86.9	88.9	92.5	93.6	95.5	95.7	96.[illegible]	96.3	96.4	96.5	[illegible]
[illegible].1	69.9	74.9	81.0	85.5	86.9	88.9	92.5	93.7	95.6	95.8	96.2	96.6	96.7	[illegible]6.8	97.7
[illegible].1	69.9	74.9	81.0	85.5	86.9	88.9	92.5	[illegible]7	95.7	95.9	96.4	96.9	97.[illegible]	97.6	[illegible]

[illegible] NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

...L FAL CLIMATOLOGY BRANCH
...TTAC
AF ...EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...SHIRE NORTON RAF UK 73-77 DEC

DEC- ...

...6	...6	23.2	24.6	26.4	27.6	27.9	29.4	31.1	30.7	30.7	33.3	33.5	33.9	33.9	34.1	
16.1	22.7	24.9	25.3	27.9	31.1	31.4	32.9	33.6	33.7	33.7	33.8	34.2	34.4	34.4	35.1	
16.2	22.8	25.1	26.1	27.3	31.2	31.5	33.1	33.7	33.8	33.8	33.9	34.4	34.5	34.5	35.1	
16.2	22.8	25.1	26.1	27.3	31.2	31.5	33.1	33.7	33.8	33.8	33.9	34.4	34.5	34.5	35.1	
16.7	23.3	25.6	26.7	28.5	31.7	32.1	33.6	34.2	34.4	34.4	34.5	34.9	35.1	35.2	35.7	
17.1	24.2	26.1	27.5	31.2	32.4	32.7	34.2	34.7	35.2	35.2	35.1	35.6	35.7	35.7	36.3	
17.6	25.1	27.1	28.6	32.7	33.9	34.4	35.9	36.5	36.6	36.8	36.9	37.3	37.4	37.4	38.1	
17.6	25.4	27.4	31.4	33.2	34.2	34.7	36.2	36.9	37.1	37.1	37.2	37.6	37.7	37.7	38.4	
17.7	25.5	27.6	31.7	33.8	35.1	35.4	37.0	37.6	37.7	37.8	37.9	38.4	38.5	38.5	39.1	
17.7	25.5	27.6	31.7	33.8	35.1	35.4	37.0	37.6	37.7	37.8	37.9	38.4	38.5	38.5	39.1	
18.3	26.2	27.1	32.3	34.5	36.7	36.1	37.6	38.7	38.4	38.5	38.6	39.1	39.1	39.1	39.6	
18.1	26.9	30.	35.4	37.8	39.1	39.8	41.3	42.1	42.2	42.3	42.4	42.9	43.3	43.3	43.6	
18.7	31.0	33.7	38.9	39.3	40.6	41.4	43.1	43.9	44.2	44.3	44.4	44.8	44.9	44.9	45.5	
21.9	31.6	34.9	38.5	41.9	42.1	43.1	44.7	45.6	45.8	46.0	46.1	46.6	46.8	46.8	47.4	
22.1	32.4	35.7	39.6	42.3	43.2	44.2	45.8	46.7	46.9	47.1	47.2	47.7	47.9	47.9	48.5	
24.1	34.7	38.7	42.1	44.8	46.1	47.4	49.3	50.3	50.5	50.7	51.8	51.3	51.5	51.5	52.1	
27.1	37.3	41.1	45.4	48.6	50.3	51.6	53.5	54.7	55.3	55.7	55.8	56.3	56.5	56.5	57.1	
27.9	41.7	45.3	49.8	53.8	55.6	57.1	59.5	60.9	61.4	61.5	61.9	62.4	62.6	62.6	63.2	
28.5	42.5	46.6	51.3	55.4	57.6	59.2	61.6	62.9	63.5	64.1	64.2	64.7	64.9	64.9	65.5	
29.3	43.9	48.7	53.6	58.1	60.2	62.2	64.9	66.2	66.8	67.4	67.5	67.9	68.2	68.2	68.8	
32.1	48.7	54.1	59.2	64.4	66.6	68.8	71.4	72.9	73.5	74.1	74.2	74.6	74.8	74.8	75.5	
33.3	50.8	56.2	61.5	67.2	69.1	71.3	73.9	75.4	76.1	76.6	76.7	77.1	77.3	77.3	78.1	
33.4	51.3	56.9	61.9	67.5	69.7	71.9	74.5	75.9	76.7	77.2	77.3	77.8	78.	78.0	78.6	
33.7	52.2	57.7	63.0	68.8	71.0	73.2	75.8	77.3	78.2	78.7	78.8	79.3	79.5	79.5	80.2	
34.1	53.2	58.8	64.6	70.4	72.8	75.2	77.9	79.5	80.5	81.1	81.1	81.6	81.8	81.8	82.4	
34.4	54.6	60.3	66.3	72.5	75.0	77.2	80.3	82.1	83.2	83.8	84.0	84.4	84.6	84.6	85.3	
34.5	54.9	60.8	66.6	73.0	75.7	78.0	81.8	83.6	84.7	85.3	85.5	85.9	86.2	86.2	86.9	
34.6	55.3	61.2	67.6	74.3	77.0	79.7	83.9	85.7	87.4	87.9	88.1	88.7	88.9	88.9	89.5	
34.6	55.4	61.3	67.8	74.9	77.8	81.0	85.7	88.0	89.4	90.0	90.2	90.7	90.9	90.9	91.6	
34.6	55.4	61.3	67.8	75.1	78.0	81.2	86.3	89.0	91.4	91.9	92.3	92.8	93.	93.0	93.7	
34.6	55.4	61.3	67.8	75.1	78.0	81.2	86.3	89.0	92.1	92.7	93.2	93.8	94.2	94.2	95.4	
34.6	55.4	61.3	67.8	75.1	78.0	81.2	86.3	89.0	92.7	93.6	94.1	94.8	95.5	95.8	96.6	

TOTAL NUMBER OF OBSERVATIONS 2117

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

CEILING VERSUS VISIBILITY

[illegible] BRICE NORTON RAF [illegible] 73-[illegible] [illegible]

[illegible]

[illegible]	17.2	1[illegible]	[illegible]1.1	22.5	23.6	24.7	25.2	25.5	25.7	25.8	25.9	26.0	26.1	26.1	26.2	[illegible]
20.4	19.2	21.[illegible]	23.2	25.1	26.2	26.9	27.4	27.7	28.1	28.5	28.5	28.5	28.6	28.6	28.6	[illegible]
14.4	1[illegible].2	21.[illegible]	22.2	25.1	26.2	26.9	27.4	27.7	28.1	28.5	28.5	28.5	28.6	28.6	28.6	[illegible]
14.4	19.2	21.[illegible]	23.2	25.1	26.2	26.9	27.4	27.7	28.1	28.5	28.5	28.5	28.6	28.6	28.6	[illegible]
14.5	19.3	21.[illegible]	23.[illegible]	25.4	26.3	27.2	27.8	28.1	28.4	28.8	28.8	28.8	28.9	28.9	28.9	[illegible]
14.[illegible]	[illegible]3	27.4	24.3	26.2	27.2	27.[illegible]	28.[illegible]	28.9	29.[illegible]	29.5	29.6	29.6	29.7	29.7	29.7	29.9
15.[illegible]	21.4	23.7	25.6	27.6	28.7	29.4	30.5	31.[illegible]	31.1	31.1	31.1	31.2	31.2	31.3	31.5	
15.1	21.[illegible]	24.[illegible]	26.6	28.5	29.7	30.4	31.5	31.[illegible]	32.1	32.1	32.1	32.2	32.2	32.2	32.5	
15.1	21.8	24.[illegible]	26.6	28.5	29.7	30.4	31.5	31.8	32.1	32.1	32.1	32.2	32.2	32.2	32.5	
1[illegible].[illegible]	22.8	24.[illegible]	27.1	29.1	[illegible].3	32.[illegible]	32.6	32.3	32.7	32.7	32.7	32.8	32.8	32.8	33.[illegible]	
17.4	23.7	26.5	28.8	31.[illegible]	32.2	32.9	34.[illegible]	34.4	34.9	34.9	34.9	35.0	35.[illegible]	35.[illegible]	35.2	
1[illegible].2	24.3	27.4	32.1	34.5	35.7	36.5	37.7	38.2	38.6	38.6	38.6	39.7	39.7	39.7	39.9	
20.6	25.0	31.[illegible]	33.8	36.3	37.5	38.3	39.5	4[illegible].[illegible]	4[illegible].5	41.5	41.5	41.6	42.6	42.6	42.8	
21.1	26.8	32.0	35.0	37.5	38.7	39.5	40.8	41.4	42.0	42.[illegible]	42.[illegible]	42.1	42.1	42.1	42.3	
21.[illegible]	27.[illegible]	33.[illegible]	36.3	38.8	4[illegible].[illegible]	41.8	42.2	42.[illegible]	43.5	43.5	43.[illegible]	43.6	43.6	43.6	43.9	
23.[illegible]	32.8	36.7	4[illegible].1	42.9	44.2	45.1	46.8	47.6	48.1	48.4	48.4	48.5	48.5	48.5	48.7	
[illegible].7	38.[illegible]	39.1	42.8	45.7	47.1	48.[illegible]	50.2	51.1	51.6	51.9	51.9	52.0	52.0	52.0	[illegible]2.1	
27.8	4[illegible].1	44.8	49.1	52.4	53.9	54.8	57.5	58.6	59.2	59.4	59.4	59.5	59.[illegible]	59.5	59.8	
29.1	41.8	46.[illegible]	51.4	54.9	56.6	57.5	60.3	61.4	62.3	62.[illegible]	62.5	62.6	62.6	62.6	62.8	
29.9	43.[illegible]	48.[illegible]	53.6	57.3	59.2	60.[illegible]	63.2	64.5	65.4	65.6	65.6	65.7	65.7	65.7	65.9	
31.4	4[illegible].[illegible]	52.[illegible]	[illegible].2	61.7	63.8	64.[illegible]	67.7	69.2	70.1	70.[illegible]	70.3	70.4	70.4	70.4	70.6	
32.7	5[illegible].1	55.[illegible]	61.8	65.4	67.6	68.5	71.6	72.[illegible]	73.8	74.[illegible]	74.[illegible]	74.1	74.1	74.1	[illegible]4.3	
32.[illegible]	51.[illegible]	5[illegible].6	63.5	67.[illegible]	[illegible]9.2	70.2	73.2	74.6	75.4	75.7	75.7	75.8	75.8	75.8	[illegible]6.[illegible]	
33.[illegible]	52.5	5[illegible].4	65.5	69.[illegible]	71.2	72.4	[illegible]3.5	75.9	77.7	78.[illegible]	[illegible]8.[illegible]	78.1	78.1	78.1	[illegible]8.3	
34.[illegible]	53.6	5[illegible].[illegible]	66.6	[illegible]1.3	72.6	73.[illegible]	77.1	79.4	79.3	79.5	[illegible]9.5	79.6	79.6	79.5	[illegible]9.5	
34.5	54.6	6[illegible].7	68.1	71.6	74.[illegible]	[illegible]5.3	78.8	80.2	81.1	81.4	81.4	81.6	[illegible]1.5	[illegible]1.5	[illegible]1.8	
34.5	54.8	61.[illegible]	68.8	72.3	74.7	76.2	80.[illegible]	[illegible]1.5	82.7	83.1	83.1	83.3	83.3	83.3	83.6	
34.6	55.[illegible]	61.[illegible]	69.5	73.2	75.6	77.4	[illegible]1.7	83.3	84.6	85.2	85.2	85.4	[illegible]5.4	[illegible]5.4	[illegible]5.6	
34.6	55.[illegible]	61.[illegible]	[illegible]9.5	73.4	76.2	78.3	[illegible]3.4	[illegible]5.3	86.6	87.2	87.2	87.4	87.5	87.5	[illegible]7.7	
34.6	55.[illegible]	61.[illegible]	69.5	73.4	76.4	78.5	84.8	87.6	89.7	[illegible]9.4	[illegible]0.5	[illegible]0.7	[illegible]0.9	[illegible]0.[illegible]	[illegible]1.1	
34.[illegible]	55.[illegible]	61.[illegible]	69.5	73.4	76.4	78.5	[illegible]5.5	[illegible]8.5	91.2	92.3	92.4	[illegible]3.0	93.5	93.8	94.5	
34.[illegible]	[illegible]5.[illegible]	61.[illegible]	69.5	73.4	76.4	78.5	[illegible]5.3	[illegible]8.7	91.8	93.3	93.6	94.6	96.2	[illegible]6.7	[illegible]0.[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

1

2

CEILING VERSUS VISIBILITY

24.3	1[illegible].4	1[illegible].2	2[illegible].5	21.4	21.7	22.5	23.2	23.7	24.2	24.2	24.4	24.5	[illegible].4	[illegible].7	[illegible].2	
27.3	[illegible].[illegible]	23.[illegible]	24.5	25.4	26.3	27.2	27.9	28.4	28.9	29.1	29.2	29.4	29.5	29.9	30.1	
27.4	28.1	23.1	24.8	25.6	26.5	27.4	28.1	28.6	29.1	29.3	29.4	29.7	[illegible].[illegible]	30.1	30.3	
27.4	[illegible].1	23.1	24.1	25.5	26.5	27.4	28.1	28.4	29.1	29.3	29.4	29.7	30.0	30.1	[illegible].3	
27.5	[illegible].2	23.2	24.3	25.7	26.6	27.5	28.2	28.7	29.2	29.4	29.6	29.8	30.1	30.3	[illegible].4	
28.1	28.[illegible]	24.[illegible]	25.[illegible]	26.5	27.4	28.2	29.1	29.6	30.1	30.3	30.4	30.6	31.[illegible]	31.1	31.3	
29.2	29.4	25.[illegible]	27.3	28.4	29.2	30.1	31.2	31.[illegible]	32.2	32.4	32.5	32.7	33.[illegible]	33.3	33.4	
29.4	29.2	27.4	28.4	29.4	30.3	31.2	32.3	32.7	33.3	33.5	33.6	33.8	34.1	34.2	34.5	
29.4	29.3	28.6	28.8	29.6	30.4	31.3	32.4	32.8	33.4	33.[illegible]	33.7	33.9	34.2	34.4	34.6	
29.5	29.6	28.8	29.0	29.9	30.8	31.6	32.7	33.2	33.7	33.8	34.[illegible]	34.2	34.6	34.7	34.9	
1[illegible].7	29.8	29.[illegible]	29.1	30.2	31.1	32.0	33.0	33.5	34.1	34.4	34.5	34.7	35.[illegible]	35.1	35.3	
30.1	30.5	30.0	32.1	33.2	34.0	34.9	36.1	36.[illegible]	37.2	37.5	37.6	37.8	38.2	38.3	38.5	
32.[illegible]	32.9	31.4	33.5	34.6	35.4	36.3	37.4	38.1	38.7	39.0	39.1	39.4	39.7	39.8	40.[illegible]	
33.4	33.9	32.4	34.6	35.7	36.5	37.4	38.5	39.1	39.8	40.1	40.2	40.5	40.8	40.9	41.1	
34.[illegible]	34.0	33.7	36.2	37.4	38.3	39.3	40.3	41.[illegible]	41.7	42.[illegible]	42.1	42.3	42.6	42.7	43.[illegible]	
37.[illegible]	38.2	37.[illegible]	40.7	42.4	43.6	44.8	46.2	46.[illegible]	47.8	48.1	48.2	48.4	48.9	49.[illegible]	49.2	
39.6	39.6	41.3	44.6	46.7	48.1	48.3	50.9	51.7	52.6	52.9	53.[illegible]	53.2	53.7	53.[illegible]	54.[illegible]	
39.4	41.7	44.7	46.6	48.7	50.2	53.6	55.6	56.4	57.3	57.6	57.7	57.9	58.3	58.5	59.7	
42.1	43.4	46.[illegible]	51.8	53.0	54.6	56.2	58.3	59.[illegible]	60.1	60.4	60.6	60.7	61.2	61.3	61.5	
43.3	45.3	49.1	53.2	55.8	57.6	59.1	61.7	62.6	63.5	63.8	63.9	64.1	64.6	64.7	64.9	
44.7	48.1	52.5	57.3	60.3	62.2	63.7	66.5	67.9	68.4	68.7	68.6	69.0	69.5	69.6	69.8	
46.2	51.1	55.8	61.2	64.2	66.1	67.7	70.8	71.[illegible]	72.6	73.[illegible]	73.1	73.3	73.7	73.8	74.[illegible]	
47.1	52.0	57.9	63.6	66.6	68.7	70.3	73.4	74.4	75.2	75.6	75.7	75.9	76.3	76.4	76.7	
47.1	54.0	59.2	65.2	68.5	70.6	72.2	75.4	76.3	77.2	77.5	77.6	77.9	78.3	78.4	78.6	
47.3	54.4	61.[illegible]	66.2	69.6	71.8	73.5	76.8	77.8	78.6	79.0	79.1	79.3	79.7	79.8	80.[illegible]	
47.3	55.6	61.[illegible]	67.6	71.4	73.3	75.6	79.[illegible]	80.[illegible]	80.9	81.2	81.4	81.6	82.0	82.1	82.3	
48.1	56.5	62.[illegible]	69.1	73.1	75.5	77.2	80.7	81.8	82.7	83.[illegible]	83.1	83.3	83.8	83.[illegible]	84.1	
48.1	56.6	62.5	70.3	73.9	76.6	78.5	82.2	83.[illegible]	84.6	85.[illegible]	85.1	85.3	85.7	85.8	86.[illegible]	
48.1	56.6	63.[illegible]	70.2	74.4	77.9	80.6	84.5	86.[illegible]	87.2	87.7	87.8	88.[illegible]	88.4	88.5	88.8	
48.1	56.6	62.[illegible]	70.3	74.5	78.1	80.8	85.6	87.8	89.2	89.7	9[illegible].1	9[illegible].5	91.1	91.2	91.4	
48.1	56.6	63.[illegible]	70.3	74.5	78.1	80.8	86.0	88.5	90.9	91.6	91.9	92.6	93.2	94.1	94.5	
48.1	56.6	63.[illegible]	70.3	74.5	78.1	80.8	86.0	88.7	91.4	92.4	93.1	94.9	96.5	97.[illegible]	98.[illegible]	

TOTAL NUMBER OF OBSERVATIONS _____ 312

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

2

CEILING VERSUS VISIBILITY

...BRIDGEPORT ...

...73-...

...

...1	1...3	15.4	17.5	...5	1...2	19.9	...6	...5	23....	27....	...1	31.1	31.4	...4	1...
...	24.5	25....	27.6	29.2	...2	33....	31.5	32.2	32.4	32.4	32.4	32.6	32....	32....	33....
...	24.5	25....	27.6	29.2	...1	33....	31....	32.2	32.4	32.4	32.4	32.6	32....	33.8	33....
...3	24.5	25....	27.8	29.2	30.3	...3	31....	32.2	32.4	32.4	32.4	32.6	32....	33.9	33....
...7	25.3	...4	28.8	30.2	...7	31....	32.5	33.2	33....	33....	33.4	33.8	33....	34....	
...4	26.1	27....	...6	31.2	31.7	...8	33.4	34....	34.4	34....	34.5	34.7	35....	35.2	
28.6	26.1	29....	31.7	33.4	34.3	35.2	35.6	36.7	36....	36....	36....	37.1	...7	37.4	37.6
...8	...1	30....	32.7	34.4	35.3	36.2	36.6	37.8	38....	38.1	38.1	...3	38.6	38....	38.8
...9	29.1	30....	33....	34.5	35.4	36.3	36.9	37.9	38.1	38.2	38.2	38.5	38.7	38.7	38.9
...3	29.1	30.6	33....	34.5	35.4	36.3	36.9	37.9	38.1	38.2	38.2	38.5	38.7	38.7	38.9
...2	29.7	31.4	33.9	35.4	36.3	37.2	37.8	38.9	39.1	39.3	39.3	39.5	39.8	39.8	40....
...3	31.4	33....	36.1	37.7	38.6	39.5	40.2	41.2	41.6	41.8	41.8	42.0	42.2	42.2	42.5
...9	32.6	34.2	36.5	38.5	39.4	40.4	41.1	42.2	42.5	42.7	42.7	42.9	43.1	43.1	43.4
...4	34.1	35....	38.3	40.3	41.3	42.4	43.2	44.2	44.6	44.8	44.8	45.0	45.2	45.2	45.4
...8	36.2	38.2	40.6	42.6	43.6	44.8	45.4	46.6	46.9	47.2	47.2	47.4	47.6	47.6	47.8
...5	38.3	41.4	44.7	46.7	47.9	49.1	49.9	51.2	52.3	52.8	52.8	52.7	52.9	52.9	53.2
...4	41.7	44.1	47.6	5...0	51.2	52.6	53.4	55.1	56.1	56.3	56.3	56.5	56....	56.8	57....
...2	43.2	47....	51.2	53.6	55.1	56.6	58.1	59.8	61.8	61....	61.2	61.3	61.5	61.5	61.9
33.2	46....	49.7	52.9	55.6	57.1	58.6	60.1	62.2	63.2	63.2	63.2	63.4	63.7	63.7	63.9
34.3	48.9	51.7	55.4	58.3	59.7	61.4	63.1	64.2	65.9	66.2	66.2	66.6	66.8	66.8	67....
35.7	51.7	55.1	5...9	63.5	64.9	66.8	68.5	70.4	71.6	71.8	71.9	72.2	72.4	72.4	72.7
36.2	54.6	58.2	63.6	67.2	68.7	70.6	72.3	74.2	75.4	75.7	75.7	76.2	76.3	76.3	76.5
37....	55.4	59.9	64.9	68.8	7...4	72.2	74.3	76.2	77.1	77.5	77.5	77.8	78....	78.2	78.2
37.3	56.3	6...1	66.2	7...3	71.8	73.9	75.6	77.8	79....	79.3	79.3	79.6	79.8	79.8	8...1
37.4	57.5	62.1	67.8	71.8	73.4	75.7	77.6	79.7	8...9	81.3	81.3	81.6	81.8	81.8	82.2
37....	58.9	63.8	69.6	74.0	75.9	78.3	80.5	82.8	84.1	84.4	84.4	84.7	85....	85....	85.2
37....	59.2	63....	7...0	74.5	76.7	79.1	81.4	83.8	85.3	85.3	85.3	85.6	85.8	85.8	86.1
37.2	59.5	64.4	7...6	75.4	77.6	80.5	83.1	85.5	86.7	87.2	87.3	87.6	87.8	87.8	88....
37....	59.5	64.8	7...0	76.2	79.1	82.2	85.0	87.5	89.9	90.4	90.5	90.8	91.1	91.1	91.3
37....	59.6	64.9	7...2	76.4	79.3	82.8	87....	9...8	92.2	93....	93.1	93.3	94....	94....	94.2
37....	59.6	64.9	7...3	76.4	79.3	83.1	87.6	91.3	93.2	94.2	94.4	95.1	95.9	95.9	96.6
37....	59.6	64.9	7...3	76.4	79.3	83.1	87.6	91.3	93.4	95....	95.3	96.1	97.5	97.91	98....

TOTAL NUMBER OF OBSERVATIONS ..... 21...

CEILING VERSUS VISIBILITY

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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

CEILING VERSUS VISIBILITY

[illegible] [illegible] 75-[illegible] [illegible]

[illegible]

CEILING VERSUS VISIBILITY

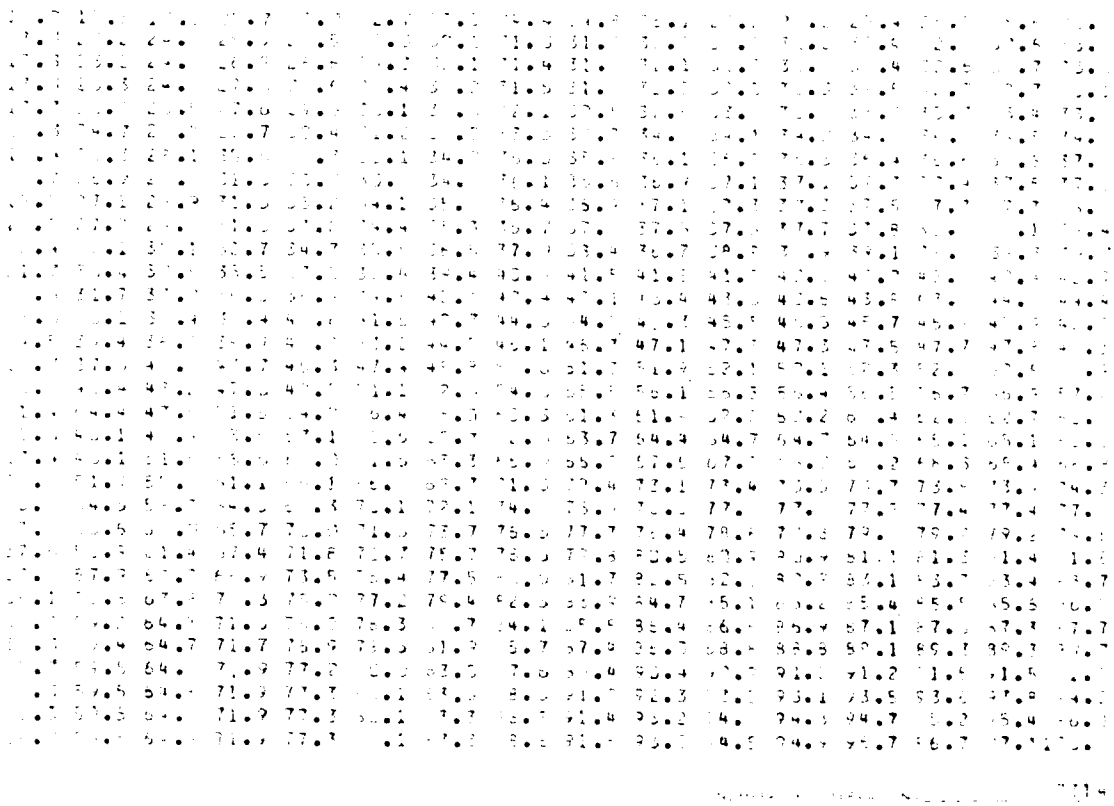
2

[illegible] VISIBILITY

[illegible]

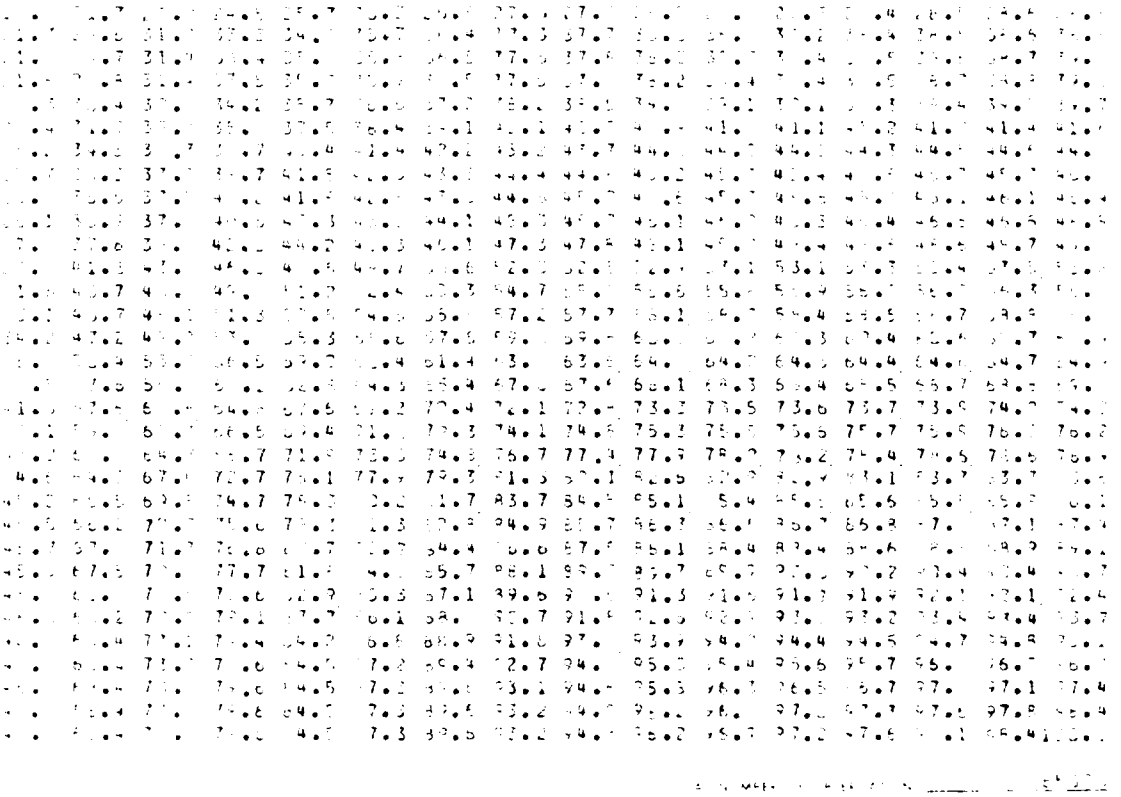
[illegible]

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



PSYCHROMETRIC SUMMARIES

3. [illegible] percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. [illegible] is derived from hourly observations and is presented by month and annual, all hours and [illegible]. The following information is provided:

a. The table proper consists of a bivariate percentage frequency distribution of wet-bulb [illegible] spread horizontally by 2-degree intervals of dry-bulb temperature spread [illegible] The midpoint of each of the dry-bulb intervals is the percentage of observations with [illegible] temperature midpoint and again for dry-bulb, wet-bulb, and dew-point temperatures respectively. The [illegible] for these four items is also provided in two lines at end of [illegible], which may be trimmed in terminal pages.

b. The 4 percentage frequency in the table of [illegible] represents one or more occurrences amounting to [illegible] percent.

c. Under the table proper [illegible] dry-bulb, wet-bulb, and dew-point temperatures in two columns at the left of the page. These consist of the [illegible], mean [illegible], and standard deviations (sd). The number of observations [illegible] element is shown.

d. [illegible] for the [illegible] of occurrence for six ranges of [illegible], [illegible] and indicates mean number of hours per [illegible] in the [illegible].

[illegible] ring these [illegible]. All values of dew-point temperature [illegible] with respect to water, unless [illegible].

Wet-bulb [illegible] relations - These 3 relations are derived from hourly observations and present the [illegible] and total number of observations for the eight standard 3-hour periods, by month [illegible] at the bottom for all hours combined. Seasons for all years combined are presented [illegible] tables, DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

Percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by [illegible] of 5 values, plus the mean relative humidity and total number of observations in the table.

a. Table 1 prepared for each month, all years combined, with months being the vertical argument.

b. Table 2 prepared for each of the eight 3-hour periods, with the hour groups being the vertical argument and the eight pages for each month. All years are also combined for this summary.

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] OPERATIONS PAGE [illegible] FB-E

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

[illegible]	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.0	1.6	.5					.1
70						3.0	4.3	2.7					.1
65					.0	11.1	1.3	1.6	.0				.0
60				.4	10.5	32.7	67.4	56.1	70.5	1.8			1.0
55			.0	5.6	31.7	73.9	97.3	97.9	67.7	10.3	3.6		7.1
50	1.0	.0	7.5	21.4	65.3	95.5	100.0	100.0	96.5	51.6	20.2	11.1	47.7
45	21.0	4.9	34.1	47.1	87.9	100.0			100.0	88.1	49.3	33.9	69.0
40	54.0	34.6	74.1	87.2	99.1					96.2	75.1	55.7	91.1
35	77.0	62.1	96.7	99.1	100.0					100.0	93.2	81.7	98.4
30	93.0	87.1	100.0	100.0							96.6	94.0	99.7
25	98.0	100.0									100.0	97.1	99.9
20	100.0											99.6	100.0
15												100.0	
10													
5													
0													
[illegible]	[illegible]	[illegible]	42.0	47.4	71.7	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC [illegible] (OL A)[illegible]

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

[illegible] STATE NORTON RAFB, CA [illegible] 73-81 [illegible]

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTH	
7[illegible]	[illegible]	[illegible]*	63*	65*	[illegible]*	73*	73*	73*	[illegible]*	73*	[illegible]*	57*	[illegible]	*	-1
7[illegible]	[illegible]	65*	63*	67*	[illegible]*	80*	77*	69*	71*	[illegible]*	57*	63*	[illegible]	*	77
7[illegible]	[illegible]	73*	71*	[illegible]*	66*	82*	78*	82*	84*	[illegible]*	63*	67*	[illegible]	*	84
7[illegible]	[illegible]	63*	67*	65*	[illegible]*	77*	91*	82*	82*	71*	[illegible]*	63*	[illegible]	*	91
77	[illegible]	[illegible]*	61*	[illegible]*	[illegible]*	73*	75*	79*	77*	7[illegible]*	63*	61*	[illegible]	*	79
7[illegible]	[illegible]	4[illegible]*	64*	[illegible]*	[illegible]*	79*	77*	77*	75*	72*	73*	63*	[illegible]	*	79
77	[illegible]	46*	48*	54*	56*	75*	79*	94*	77*	72*	68*	59*	[illegible]	*	-4
[illegible]	[illegible]	[illegible]*	55*	64*	68*	79*	73		*	63*	63*	57*	[illegible]		
[illegible]	[illegible]	64*	64*	69*	73*	75*	73*	77*	81*	75*	63*	59*		*	1
[illegible]	[illegible]	63*	66*	61*	62*	75*	83*	84*	79*	[illegible]*	[illegible]*	61*	[illegible]	*	17
MEAN															
S D															
TOTAL OBS	[illegible]	[illegible]	218	224	225	218	199	187	187	198	217	221	[illegible]		2953

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

...BAL CLIMATOLOGY BRA.CH
...FETAC
A... WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

...MUM ALLOWABLE YEARS

...NTH ... D-ITE NORTON RAF UK ... 73-82
STATION NAME ... YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MINIMUM	
[illegible]	*	18*	19*	26*	32*	35*	37*	41*	45*	41*	28*	24*	[illegible]	*	18
74	*	21*	23*	26*	32*	37*	44*	46*	44*	37*	32*	33*	32	*	21
75	*	26*	28*	31*	32*	37*	39*	45*	55*	37*	35*	26*	26	*	24
76	*	24*	26*	24*	28*	39*	42*	50*	44*	39*	35*	34*	17	*	17
77	*	21*	24*	26*	28*	32*	37*	43*	46*	41*	30*	28*	26	*	21
78	*	21*	19*	27*	25*	37*	41*	45*	43*	41*	37*	23*	21	*	19
79	*	11*	21*	28*	27*	32*	41*	43*	41*	35*	34*	23*	25	*	11
80	*	21*	27*	21*	30*	30*	36		*	43*	32*	28*	24		
81	*	23*	18*	34*	30*	32*	41*	45*	46*	41*	28*	28*	-1	*	-1
82	*	14*	25*	27*	33*	32*	40*	47*	41*	41*	34*	32*	25	*	12
MEAN															
S.D.															
TOTAL OBS	[illegible]	218	223	223	218	199	217	217	198	217	211	217	[illegible]		

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTA	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
54/ 53		.2	.1																												3	3			
52/ 51	.1	1.1	.6																												16	16	4	3	
50/ 49	.5	2.7	1.0	.2	.1																										40	40	22	11	
48/ 47	1.2	4.2	2.0	.1	.2																										67	67	45	24	
46/ 45	1.5	5.7	1.1	.1																											74	74	75	60	
44/ 43	1.4	5.0	.9	.2																											66	66	77	50	
42/ 41	1.8	5.8	1.9	.2																											86	86	54	87	
40/ 39	1.2	4.5	.9																												59	59	65	66	
38/ 37	3.7	6.2	.7	.1																											95	95	100	72	
36/ 35	1.9	7.8	.9																												94	94	88	72	
34/ 33	3.8	5.4	.3																												85	85	111	101	
32/ 31	1.8	5.0																													60	60	77	102	
30/ 29	2.8	2.0	.3																												46	46	54	76	
28/ 27	2.5	1.7	.1																												38	38	34	60	
26/ 25	2.1	.2																													21	21	32	30	
24/ 23	.9	.8																													15	15	13	28	
22/ 21		.3																													3	3	5	12	
20/ 19	.2	.2																													4	4	4	6	
18/ 17	.3	.1																													4	4	6	8	
16/ 15																																		5	
14/ 13	.3	.1																													4	4	4	3	
12/ 11	.1																														1	1	1	3	
10/ 9	.1																														1	1	1	2	
8/ 7																																		1	
6/ 5																																			
4/ 3	.2																														2	2	2		
2/ 1																																		1	
0/ -1																																		1	
-2/ -3																																		1	
TOTAL	28.5	59.2	11.0	1.0	.3																											884		884	
																															884		884	

	Σx	Σx^2	$\bar{x}$	s_x	N	D-x			
	7364794.	786740.	89.0	8.446.	884				
	1321817.	33511.	37.9	7.635.	884		20.9		93
	1235624.	32420.	36.7	7.268.	884		24.5		93
	1127022.	30834.	34.9	7.639.	884	.2	35.6		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 0300-0500

	WET BULB TEMPERATURE DEPRESSION F							
54/ 53		.3	.2	.1	6	6		
52/ 51		1.2	.6		16	16	4	3
50/ 49		1.2	.6		16	16	17	3
48/ 47	.6	4.2	2.0		60	60	37	20
46/ 45	1.4	6.0	1.5	.2	80	80	75	41
44/ 43	1.0	5.2	1.0	.5	68	68	72	60
42/ 41	1.5	7.9	2.4	.1	105	106	65	108
40/ 39	1.2	4.5	.1		52	52	70	65
38/ 37	3.8	5.1	.7		85	85	96	57
36/ 35	1.4	7.1	.9		83	83	78	72
34/ 33	3.5	6.4	.6		94	94	122	89
32/ 31	2.4	4.7	.2		65	65	86	90
30/ 29	2.0	2.1	.2		39	39	40	101
28/ 27	3.2	1.9	.1		46	46	40	60
26/ 25	2.3	.5	.2		26	26	34	36
24/ 23	1.6	.5			18	18	17	38
22/ 21	.3	.1			4	4	8	8
20/ 19	.3	.2			5	5	3	2
18/ 17	.1	.5			5	5	7	8
16/ 15	.3	.5			7	7	7	7
14/ 13		.1			1	1	1	5
12/ 11	.1				1	1	1	7
10/ 9								1
8/ 7	.1				1	1	1	1
6/ 5								1
4/ 3	.1				1	1	1	
2/ 1								1
-4/ -5	.1				1	1	1	
-8/ -9								1
TOTAL	27.5	60.3	11.3	.9	885	886	885	865

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs			
	7066425.	78747.	89.0	8.207.	885			
	1291428.	33112	37.4	7.848.	886	.1.	23.1.	93
	1206133.	32005.	36.2	7.423.	885	.1.	25.2.	93
	1097685.	30401	34.4	7.770	885	.1	38.6	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 0600-0800

	WET BULB TEMPERATURE DEPRESSION (F)				TOTAL		TOTAL	
54/ 53		.3	.2		5	5		
52/ 51		.6	.8		12	12	3	2
50/ 49		1.1	.7		16	16	13	1
48/ 47	.6	3.8	1.5		52	52	34	14
46/ 45	1.2	6.7	1.5		83	83	67	37
44/ 43	1.2	4.6	1.5	.1	66	66	75	68
42/ 41	1.8	7.6	2.7		107	107	68	101
40/ 39	1.4	2.6	.2		39	39	70	62
38/ 37	3.9	5.1	.7		86	86	90	69
36/ 35	2.5	6.4	.9		86	86	84	64
34/ 33	3.5	7.1	.7		103	103	106	93
32/ 31	2.4	5.0	.1		66	66	93	66
30/ 29	1.5	4.3			54	54	61	101
28/ 27	3.9	1.1	.2		47	47	42	76
26/ 25	.7	.7	.1		13	13	20	34
24/ 23	1.4	.6			17	17	17	20
22/ 21	.9	.1			9	9	12	12
20/ 19	.5				4	4	5	12
18/ 17	.3	.7			9	9	9	7
16/ 15	.6	.2			7	7	7	7
14/ 13	.2				2	2	2	10
12/ 11	.2				2	2	2	7
10/ 9								2
4/ 3	.1				1	1	1	
2/ 1								1
-4/ -5	.1				1	1	1	
-8/ -9								1
TOTAL	29.5	58.7	11.6	.1		987		967
					987		987	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS			
	7098458	79006	89.1	8.319	887			
	1270223	32847	37.0	7.796	887	.1	24.3	93
	1188640	31800	35.9	7.404	887	.1	27.5	93
	1080756	30192	34.0	7.739	887	.1	39.4	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

PAGE 1 0900-1100

WET BULB TEMPERATURE DEPRESSION (F)

54/ 53		.1	.7			7	7		
52/ 51		.5	1.1	.1		15	15	1	
50/ 49		1.5	1.7	.3	.1	32	32	12	3
48/ 47	.3	4.0	1.9	.1		56	56	45	11
46/ 45	1.0	7.4	2.6	.6		102	102	72	39
44/ 43	.7	4.8	1.7	.7		69	69	89	75
42/ 41	1.9	8.2	2.4	.2		112	112	83	111
40/ 39	1.1	4.3	1.3			59	59	90	63
38/ 37	2.5	5.3	1.5	.1		82	82	80	63
36/ 35	1.7	7.6	.9			89	89	90	64
34/ 33	3.7	5.5	.5			84	85	130	95
32/ 31	1.3	3.7	.2			45	45	60	63
30/ 29	1.0	3.4	.5			43	43	42	80
28/ 27	2.5	1.1				32	32	34	72
26/ 25	1.1	.7	.1			17	17	21	15
24/ 23	.7	.3				9	9	11	24
22/ 21	.3	.2				5	5	6	11
20/ 19	.2	.3				5	5	4	10
18/ 17	.2	.2				4	4	7	5
16/ 15	.3	.2				5	5	5	5
14/ 13	.1					1	1	1	9
12/ 11									3
10/ 9		.1				1	1		
6/ 5									1
TOTAL	20.9	59.6	17.2	2.2	.1	874	875	874	874

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	6646453	75781	86.7	9.317	874		
	1345935	33711	38.5	7.345	875	17.7	93
	1237755	32339	37.0	6.868	874	20.4	93
	1103110	30410	34.8	7.161	874	34.9	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035490 BRIZE NORTON RAF UK 73-82 JAN

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WET BULB TEMPERATURE DEPRESSION (F)

56/ 55			.1	.3	.1		5	5		
54/ 53		.2	.7	.3			11	11		
52/ 51		.8	2.0	.9			33	33	3	
50/ 49	.1	2.5	2.5	.6	.1		51	51	24	6
48/ 47	.5	3.6	5.6	1.5	1.2		109	109	60	19
46/ 45	.2	5.9	5.9	1.8	.3		125	125	112	52
44/ 43	.7	5.4	3.1	1.8	.1		98	98	91	58
42/ 41	1.2	5.3	3.2	.2		.1	91	91	110	139
40/ 39	1.3	3.7	2.3	1.0	.1	.1	73	73	94	73
38/ 37	1.5	5.7	2.5	.2			67	67	84	100
36/ 35	.6	4.4	1.2	.1			56	56	92	68
34/ 33	1.2	3.7	1.1				54	54	80	95
32/ 31	1.0	1.7	.6				29	29	57	60
30/ 29	1.2	.9	.1	.1			21	21	30	68
28/ 27	.7	1.1					16	16	16	59
26/ 25	1.1	.3					13	13	17	20
24/ 23	.1	.3					4	4	3	21
22/ 21	.1	.1					2	2	5	5
20/ 19	.1						1	1	1	7
18/ 17	.1						1	1	1	5
16/ 15	.1						1	1	1	3
12/ 11										1
10/ 9										1
8/ 7										1
TOTAL	11.3	46.4	30.9	9.0	2.0	.2	881	981	881	981

5981433	71825	81.5	11.955	881		
1546624	36460	41.4	6.720	881	9.3	93
1374844	34382	39.0	6.128	881	13.8	93
1174459	31619	35.9	6.713	881	28.6	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BRIZE NORTON RAF UK 73-82 JAN

54/ 53		.1	.8	.3							11	11		
52/ 51		1.2	2.0								29	27	3	1
50/ 49	.1	1.6	2.5	.5							41	41	24	4
48/ 47	.3	5.3	3.5	.6	.6						91	91	57	24
46/ 45	.2	7.6	4.6	1.9	.1						126	128	85	42
44/ 43	.3	6.8	3.7	1.8	.1						106	106	104	66
42/ 41	1.4	6.3	4.0	.7	.1						110	110	93	126
40/ 39	.2	4.3	1.8	.7		.1					64	64	113	75
38/ 37	1.6	6.1	1.8	.2							85	85	85	97
36/ 35	.5	4.4	1.5		.1						57	57	87	55
34/ 33	2.6	4.3	.9		.1						70	70	111	104
32/ 31	1.1	2.5	.5								36	36	50	82
30/ 29	.5	1.8	.2								22	22	70	64
28/ 27	1.1	.7	.1								17	17	22	70
26/ 25	.3	.5									7	7	6	25
24/ 23	.2	.3									6	5	7	17
22/ 21													3	5
20/ 19														5
18/ 17	.1										1	1	1	2
16/ 15	.1										1	1	1	1
14/ 13	.1										1	1	1	3
12/ 11	.2										2	2	2	1
10/ 9														2
8/ 7														2
TOTAL	11.1	53.1	27.9	6.7	1.1	.1						885		885
											885		885	

	6145965	73099	82.611	.261	885	
	1518812	36188	40.9	6.648	885	9.8
	1360146	34264	38.7	6.162	885	12.9
	1174161	31572	35.8	6.738	885	29.2

JL BAL CLIMATOLOGY BRANCH
SEAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]36450 BRIZE NORTON RAF UK 73-82 JAN

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WET BULB TEMPERATURE DEPRESSION

56/ 56				.1			1	1		
52/ 51			1.4	.6	.1		18	18		
50/ 49		.1	1.5	1.4	.2		26	26	70	2
48/ 47		1.2	5.3	1.6	.1		70	70	40	28
46/ 45		.7	7.3	1.6	.3		88	88	83	36
44/ 43		1.1	5.3	2.2	.7		91	91	86	72
42/ 41		1.8	9.7	4.6	.2		145	145	63	104
40/ 39		.5	4.7	1.4	.3		61	61	102	69
38/ 37		2.3	4.7	1.4			74	74	102	94
36/ 35		1.4	5.9	1.0			73	73	84	69
34/ 33		3.9	5.7	.8			93	93	120	104
32/ 31		1.1	3.4	.3	.1		43	43	64	81
30/ 29		.5	5.9	.1			41	41	46	68
28/ 27		2.4	1.6				35	35	32	71
26/ 25		1.0	.6				14	14	19	29
24/ 23		.5	.7				10	10	5	19
22/ 21		.6	.1				6	6	11	5
20/ 19									1	46
18/ 17		.1					1	1	1	2
16/ 15										2
14/ 13										1
12/ 9		.2					2	2	2	
8/ 5		.3					3	3	3	2
4/ 3										2
2/ 1										1
TOTAL		19.6	61.4	16.7	2.3			887		887
							887		887	

6721536	76703	86.6	9.222	887		93
1383916	34402	38.9	7.126	887	16.3	93
1273043	33077	37.3	6.734	887	19.6	93
1136561	31115	35.1	7.133	887	33.4	93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JAN

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WET BULB TEMPERATURE DEPRESSION F						TOTAL			
54/ 53			.2		.1	3	3		
52/ 51	.1	1.3	.6	.1		16	16	4	1
50/ 49	.1	.8	1.1	.3		21	21	17	6
48/ 47	1.2	4.7	1.1	.3		66	66	73	23
46/ 45	.8	7.0	1.2			90	90	86	39
44/ 43	1.1	5.3	.7	.3		66	66	76	71
42/ 41	1.8	9.8	2.6	.3		129	129	66	131
40/ 39	.8	5.0	1.1	.1		62	62	80	58
38/ 37	2.4	6.4	1.2			89	89	93	83
36/ 35	1.9	5.1	.6			67	67	95	70
34/ 33	4.5	6.3	.2			98	98	122	103
32/ 31	1.4	3.4	.9			50	50	61	52
30/ 29	1.4	4.7	.2	.1		57	57	50	80
28/ 27	3.6	1.2	.1			44	44	42	62
26/ 25	.9	.7				14	14	23	26
24/ 23	.6	.6				10	10	14	19
22/ 21	.2	.2				4	4	7	12
20/ 19	.3	.1				4	4	6	12
18/ 17		.2				2	2	2	5
16/ 15									5
14/ 13									4
12/ 11	.1					1	1	1	
10/ 9									1
8/ 7	.1					1	1	1	
6/ 5	.1					1	1	1	
4/ 3	.1					1	1	1	2
2/ 1	.2					2	2	2	1
-1/ -1									2
TOTAL	23.3	62.3	11.9	1.7	.1	888	868	888	888

	Σx	Σx	$\bar{x}$	σ_x	N Obs			
	6936494.	78594.	87.9	8.923	888			
	1334534.	33798.	38.1	7.376	888	20.3		93
	1233537.	32565.	36.7	7.230	888	22.7		93
	1119869.	30824.	34.7	7.502	888	.2 35.2		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 GRIZE NORTON RAF UK 73-82 JAN

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION F						TOTAL		TOTAL	
56/ 55			.0	.1	.0		6	6		
54/ 53		.2	.4	.1	.0		46	46		
52/ 51	.0	1.0	1.0	.2			155	155	19	10
50/ 49	.1	1.6	1.4	.3	.0		245	245	149	36
48/ 47	.7	4.4	2.4	.3	.3		571	571	351	150
46/ 45	.9	6.7	2.5	.6	.1		760	760	657	346
44/ 43	.9	5.2	1.8	.8	.0		620	620	673	520
42/ 41	1.6	7.6	3.0	.3	.0	.0	885	886	612	877
40/ 39	.9	4.2	1.1	.3	.0	.0	469	469	674	524
38/ 37	2.7	5.6	1.3	.1			683	683	720	655
36/ 35	1.5	6.1	1.0	.0	.0		605	605	698	544
34/ 33	3.4	5.6	.6		.0		581	582	924	767
32/ 31	1.5	3.7	.4	.0			394	394	540	671
30/ 29	1.4	2.9	.2	.0			323	323	363	658
28/ 27	2.5	1.3	.1				275	275	262	570
26/ 25	1.2	.5	.1				125	125	172	221
24/ 23	.7	.5					89	89	56	182
22/ 21	.3	.2					33	33	57	71
20/ 19	.2	.1					23	23	24	71
18/ 17	.2	.2					27	27	34	44
16/ 15	.2	.1					21	21	21	35
14/ 13	.1	.0					9	9	9	35
12/ 11	.1						7	7	7	22
10/ 9	.0	.0					4	4	4	9
8/ 7	.0						2	2	2	4
6/ 5	.1						4	4	4	5
4/ 3	.0						3	3	3	4
2/ 1	.1						4	4	4	4
0/ -1										3
-2/ -3										1
-4/ -5	.0						2	2	2	
-6/ -7										2
TOTAL	21.6	57.7	17.3	3.0	.5	.0	7071	7073	7071	7071

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS			
	53663558	612006	86.6	9.904	7071			
	11015369	274089	38.8	7.464	7073	.2	141.5	744
	10116322	262872	37.2	6.973	7071	.2	167.7	744
	9013552	247074	34.9	7.334	7071	.6	274.8	744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

236490 BRIZE NORTON RAF UK 73-82 FEB

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	WET BULB TEMPERATURE DEPRESSION F			TOTAL		TOTAL	
52/ 51		.5	.1	5	5	1	
50/ 49	.1	3.4	.1	30	30	13	5
48/ 47	.4	4.0	.4	39	39	32	21
46/ 45	.5	6.6	.8	66	66	56	43
44/ 43	1.1	6.4	.8	69	69	60	50
42/ 41	4.3	8.3	.2	107	107	109	95
40/ 39	.8	5.4	.4	55	55	55	67
38/ 37	1.6	7.0	1.6	84	84	70	70
36/ 35	3.1	6.6	.6	86	86	87	72
34/ 33	3.6	6.9	.8	94	94	128	81
32/ 31	2.2	8.3	.2	89	89	78	93
30/ 29	.8	3.1		33	33	59	78
28/ 27	3.5	1.7		43	43	47	65
26/ 25	1.2	.4		13	13	16	46
24/ 23	.5	.7		10	10	10	24
22/ 21	.5			4	4	6	5
20/ 19		.1		1	1		6
18/ 17						1	6
14/ 13							1
TOTAL	24.3	69.6	6.2		828		828
				828		828	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	6715902	74358	89.8	6.801	828		
	1210450	31208	37.7	6.430	828	19.6	64
	1140839	30297	36.6	6.245	828	22.0	64
	1048978	28946	35.0	6.694	828	32.9	64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

WET BULB TEMPERATURE DEPRESSION				TOTAL			
52/ 51	.1			1	1		
50/ 49	2.3	.4		22	22	14	
48/ 47	.2 3.5	.6		36	36	25	18
46/ 45	.1 6.5	.7		61	61	52	40
44/ 43	1.1 6.1	.8		67	67	61	41
42/ 41	3.4 10.7	.4		120	120	83	106
40/ 39	1.9 4.1	.8		57	57	85	84
38/ 37	1.9 5.0	1.3		69	69	56	55
36/ 35	2.0 4.7	.1		57	57	70	48
34/ 33	6.2 7.0	1.1		119	119	140	89
32/ 31	1.9 6.4	.4		72	72	80	78
30/ 29	2.0 5.2			60	60	70	97
28/ 27	4.9 1.8			56	56	58	89
26/ 25	1.0 .8			15	15	11	32
24/ 23	1.2 .4			13	13	17	53
22/ 21	.7			6	6	9	9
20/ 19	.1			1	1	1	7
18/ 17							6
TOTAL	28.8 64.5	6.6			832		832
				832		832	

Σx	Σx	$\bar{x}$	s_x	N			
6848480	75262	90.5	6.968	832			
1178206	30826	37.1	6.590	832	22.5		84
1113981	29985	36.0	6.324	832	24.8		64
1027579	28705	34.5	6.693	832	35.4		84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

WET BULB TEMPERATURE DEPRESSION

52/ 51			.2			2	2		
50/ 49		2.3	.1			20	20	9	
48/ 47	.1	3.7	.2			34	34	22	15
46/ 45	.7	5.7	.2			56	56	52	39
44/ 43	1.2	6.1	.4	.1		65	65	56	46
42/ 41	4.1	8.7	.5			111	111	86	109
40/ 39	2.5	4.1	.6			60	60	72	71
38/ 37	2.4	6.5	.8			61	61	57	66
36/ 35	1.3	4.3	.5			51	51	41	42
34/ 33	6.1	7.2	.7			117	117	123	104
32/ 31	2.3	5.3	.1			64	64	78	65
30/ 29	2.4	6.9				78	78	89	95
28/ 27	4.8	1.7				54	54	55	91
26/ 25	1.6	.6				20	20	22	51
24/ 23	1.2	.2				12	12	15	26
22/ 21	.6					5	5	7	10
20/ 19	.5					4	4	4	10
18/ 17	.1					1	1	1	2
16/ 15									3
TOTAL	31.9	63.6	4.4	.1			835		835
						835		835	

	Σx	Σx	$\bar{x}$	s_x	N		
	6942758.	75918.	90.9	6.952.	835		
	1162546.	30656.	36.7	6.665.	835	23.9.	84
	1101402.	29853.	35.7	6.414.	835	25.9.	84
	1020373.	28633.	34.3	6.770.	835	35.5.	84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

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WET BULB TEMPERATURE DEPRESSION

	1-2	3-4	5-6	7-8				
54/ 53		.1	.2		3	3		
52/ 51		.8	1.1		16	16	1	
50/ 49		1.8	2.2		33	33	15	2
48/ 47		4.9	1.4		53	53	43	12
46/ 45	.5	6.9	1.4		74	74	64	56
44/ 43	2.2	5.5	1.7	.5	82	82	86	65
42/ 41	2.5	7.3	3.3	.1	111	111	77	117
40/ 39	1.7	5.9	1.6	.1	77	77	76	56
38/ 37	2.9	4.7	1.8	.5	82	82	97	74
36/ 35	1.9	5.4	1.8		76	76	83	70
34/ 33	3.3	6.6	1.2		93	93	101	80
32/ 31	1.4	4.3	.7		54	54	86	61
30/ 29	1.3	3.8			43	43	60	90
28/ 27	1.7	1.3			25	25	30	64
26/ 25	.6	.5			9	9	8	33
24/ 23	.4	.1			4	4	7	26
22/ 21	.1				1	1	2	6
20/ 19								2
18/ 17								2
TOTAL	20.5	59.9	18.4	1.2		836		836
					836		636	

	Σx^2	Σx	$\bar{x}$	σ	N OBS		
	6409975	72781	87.1	9.399	836		
	1307449	32637	39.0	6.317	836	13.7	84
	1206379	31357	37.5	6.017	836	19.4	84
	1083630	29598	35.4	6.542	836	30.5	84

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

	WET BULB TEMPERATURE DEPRESSION								
58/ 57				.1	.1		2	2	
56/ 55				.7	.2		8	8	
54/ 53		.1	.4	.9			11	11	
52/ 51	.2	1.1	2.7	1.1	.1		43	43	6	2
50/ 49		1.5	3.6	1.7	.2		58	58	32	5
48/ 47		5.0	3.9	1.6	.4	.2	91	91	58	13
46/ 45	.6	7.4	3.3	2.4	.5		117	117	113	72
44/ 43	1.5	4.0	3.5	1.7	.1		89	89	96	72
42/ 41	1.1	7.2	4.9	2.4	.2		130	130	92	121
40/ 39	1.5	2.4	3.3	.4			62	62	107	61
38/ 37	1.6	2.8	3.4	1.2			74	74	79	99
36/ 35	.9	2.7	2.2	.1			48	48	86	69
34/ 33	.7	2.9	1.1	.1			43	43	73	51
32/ 31	.2	2.2	.1				21	21	51	42
30/ 29	.4	2.2	.2				23	23	26	69
28/ 27	.2	.5					6	6	7	78
26/ 25									5	24
24/ 23										24
22/ 21										8
20/ 19										3
TOTAL	9.9	41.9	32.6	14.5	1.9	.2	823	823	823	823

Σx	Σx	$\bar{x}$	σ_x	N		
5335324.	65453	79.512	.592.	823		
1516135.	34979.	42.5.	5.987.	823	5.1.	64
1332043.	32789.	39.8.	5.592.	823	9.1.	84
1121717	29893	36.3	6.613	823	25.3	64

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTAL	
56/ 55				.2			2	2		
54/ 53		.1	.4	.7			10	10		
52/ 51		1.8	2.3	1.3	.2		47	47	4	1
50/ 49	.1	2.2	5.8	.5	.2		73	73	28	4
48/ 47	.2	6.1	3.7	1.8	.5		103	103	70	18
46/ 45	1.4	4.7	4.8	2.3	.1	.1	112	112	125	75
44/ 43	.2	4.8	3.7	2.4	.4		96	96	81	59
42/ 41	1.0	7.2	4.6	2.4	.7		132	132	92	121
40/ 39	.6	2.9	2.9	.8			60	61	106	70
38/ 37	.5	2.8	2.2	1.0			53	53	79	101
36/ 35	.4	2.5	3.3	.1			52	52	80	58
34/ 33	.6	4.7	1.0	.1			53	53	82	68
32/ 31	.1	2.4	.1				22	22	57	50
30/ 29	.1	.1	.7				8	8	11	66
28/ 27	.7	.1					7	7	12	79
26/ 25									3	22
24/ 23										23
22/ 21										9
20/ 19										5
18/ 17										1
TOTAL	6.0	42.5	35.4	13.7	2.2	.1		831		830
							830		630	

Σx^2	Σx	$\bar{x}$	σ_x	No. Obs		
5204261	64965	78.3	12.001	830		
1549287	35559	42.8	5.777	831	3.7	84
1353609	33203	40.0	5.532	830	8.4	54
1126709	30073	36.2	6.689	830	25.8	54

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

	WET BULB TEMPERATURE DEPRESSION F																								TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	OBS	CUM	OBS	CUM
52/ 51			.7	.6																					11	11		
50/ 49	.5	1.7	1.2																						28	28	14	5
48/ 47	.2	6.2	1.9																						70	70	40	9
46/ 45	.8	12.1	2.5	.4																					115	115	89	63
44/ 43	.8	6.3	1.7	.2																					76	76	99	87
42/ 41	1.2	12.2	3.4	.4																					143	143	85	132
40/ 39	.6	5.9	2.4	.5																					78	78	96	79
38/ 37	.7	5.1	2.3	.1																					69	69	79	83
36/ 35	.4	5.1	2.9																						70	70	67	53
34/ 33	.6	6.9	2.6	.1																					88	88	96	66
32/ 31	.7	3.6	.1																						37	37	78	73
30/ 29	.4	2.5																							24	24	42	61
28/ 27	1.3	1.1	.1																						21	21	21	99
26/ 25	.4	.1																							4	4	8	31
24/ 23	.1																								1	1	2	4
22/ 21																												3
20/ 19																												4
18/ 17																												1
TOTAL	9.0	67.7	21.7	1.7																						835		835
																									835		835	

	6134666	71310	85.0	8.886	835		
	1369864	33470	40.1	5.821	835	8.8	64
	1252266	31992	38.3	5.746	835	15.2	64
	1139788	29956	35.9	6.488	835	29.2	64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 FEB

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52/ 51		.9			7	7		
50/ 49		2.6	.7		26	28	13	5
48/ 47	.4	4.2	.5		42	42	30	15
46/ 45	1.0	7.1	1.1		77	77	67	43
44/ 43	1.0	8.0	1.3	.1	87	87	75	54
42/ 41	3.1	9.5	1.1		115	115	102	124
40/ 39	.7	4.8	1.0		54	54	69	62
38/ 37	3.3	7.6	1.5		105	105	76	85
36/ 35	1.0	6.4	.8		69	69	94	54
34/ 33	2.0	9.2	1.9		110	110	116	91
32/ 31	1.3	5.1	.7		60	60	85	54
30/ 29	.7	3.5			35	35	50	60
28/ 27	3.0	1.5			38	38	42	92
26/ 25	.2	.4			5	5	11	41
24/ 23	.2	.7			8	8	3	19
22/ 21							6	2
20/ 19								3
18/ 17								5
TOTAL	17.9	71.4	10.6	.1		840		840
					840		840	

	Σx		x				
	6567635	74121	68.2	7.605	840		
	1273583	32299	38.5	6.142	840	14.6	84
	1187805	31165	37.1	5.986	840	19.8	84
	1079178	29638	35.2	6.511	840	30.6	84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03892 BRIZE NORTON RAF UK 73-82 FEB

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION

59/ 57				.0	.0						2	2			
56/ 55				.1	.2						10	10			
54/ 53			.3	.1	.2						24	24			
52/ 51		.2	.7	.9	.3	.2					132	132	12	3	
50/ 49		.1	2.2	1.8	.3	.1					292	292	136	28	
48/ 47		.2	4.7	1.6	.4	.1	.0				468	468	320	121	
46/ 45		.7	6.9	1.9	.6	.1	.0				678	678	618	431	
44/ 43		1.1	5.9	1.7	.6	.1					631	631	624	444	
42/ 41		2.6	8.9	2.3	.7	.2					969	969	716	965	
40/ 39		1.3	4.4	1.6	.2						503	504	665	549	
38/ 37		1.9	5.2	1.9	.3						617	617	593	623	
36/ 35		1.4	4.7	1.5	.2						509	509	670	466	
34/ 33		2.9	6.4	1.3	.3						714	714	859	642	
32/ 31		1.3	4.7	.3							419	419	594	526	
30/ 29		1.0	3.4	.1							304	304	403	536	
28/ 27		2.5	1.2	.2							250	250	272	677	
26/ 25		.6	.4								66	66	84	283	
24/ 23		.5	.3								48	48	54	191	
22/ 21		.2									16	16	30	52	
20/ 19		.1	.0								6	6	5	40	
18/ 17		.0									1	1	2	23	
16/ 15														3	
14/ 13														1	
TOTAL	18.4	60.2	17.0	3.9	.5	.0						6660		6659	
											6659		6659		

50149361	573865	86.2	10.2	6659		672
10567523	261634	39.3	6.5	6662	112.0	672
9689224	250658	37.6	6.1	6659	145.7	672
8617658	235412	35.4	6.6	6659	245.1	672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03540 BRIZE NORTON RAF UK 73-82 MAR

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54/ 53	.2	.8	.1				10	10	6	3
52/ 51	.2	1.4	.2				17	17	4	6
50/ 49	.2	2.7	.8				34	34	26	11
48/ 47	.2	3.4	.8	.1	.1		42	42	29	22
46/ 45	.8	6.0	2.2	.3			85	85	53	49
44/ 43	.3	6.4	1.8	.2			79	79	74	34
42/ 41	2.4	9.1	2.3	.2			128	128	96	94
40/ 39	.9	6.5	1.9				103	103	104	73
38/ 37	1.2	9.5	2.0	.1			117	117	119	115
36/ 35	1.1	10.1	.5				107	107	123	92
34/ 33	2.3	5.3	.7				80	80	136	126
32/ 31	1.2	3.7	.5				50	50	61	128
30/ 29	.2	4.1	.3				42	42	93	71
28/ 27	.2	1.2					14	14	27	47
26/ 25	.1	.4					5	5	12	24
24/ 23									1	6
22/ 21										1
20/ 19										1
TOTAL	12.2	72.7	14.0	1.0	.1			913		913
							913		913	

6977163	79479	87.1	7.956	913		
1445320	35946	39.4	5.743	913	11.3	93
1336968	34556	37.8	5.637	913	14.4	93
1204964	32678	35.8	6.226	913	29.1	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036450 BRIZE NORTON RAF UK 73-82 MAR

54/ 53		.4				4	4	1		
52/ 51	.3	1.0	.1			13	13	14	4	
50/ 49	.4	1.4	.8			24	24	12	15	
48/ 47	.6	4.3	.4	.2		50	50	38	14	
46/ 45	1.0	4.4	1.0			58	58	49	58	
44/ 43	.4	4.6	1.9			63	63	56	68	
42/ 41	3.9	12.4	1.2			159	159	97	105	
40/ 39	1.1	7.5	1.0			97	97	106	77	
38/ 37	2.6	7.9	1.6			110	110	101	105	
36/ 35	1.2	8.4	1.4			100	100	107	77	
34/ 33	3.9	4.4	.3			78	78	149	101	
32/ 31	2.0	3.9	.2			56	56	65	113	
30/ 29	.8	5.7	.6			64	64	46	74	
28/ 27	1.9	1.2				28	28	46	50	
26/ 25	.4	.4				8	8	14	45	
24/ 23	.3	.3				6	6	5	38	
22/ 21	.1					1	1	3	9	
20/ 19									5	
18/ 17									3	
TOTAL	20.9	68.3	13.6	.2			909		909	
						909		909		

7214975	80666	88.7	7.751	909			
13749520	34924	38.4	6.039	909	16.7		93
1480470	33774	37.2	5.899	909	18.3		93
1173645	32151	35.3	6.462	909	33.3		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] BRIZE NORTON RAF UK 73-82 MAR

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[illegible]		.6				5	5	2		
[illegible]		1.6	.3			16	16	14	2	
[illegible]	.4	1.3	.5			21	21	13	15	
[illegible]	.7	2.7	.8			36	38	33	15	
[illegible]	.5	6.6	1.4			80	81	52	53	
[illegible]	.4	5.2	.7	.1		58	58	53	52	
[illegible]	3.6	12.3	2.2			165	165	104	106	
[illegible]	1.2	7.7	1.2			92	92	95	94	
[illegible]	3.2	7.3	1.1			104	104	119	98	
[illegible]	1.4	7.2	.5			85	85	122	74	
[illegible]	4.2	4.8	.3			85	85	133	113	
[illegible]	2.1	3.5	.4			55	55	70	104	
[illegible]	1.0	4.5	.7			56	56	48	62	
[illegible]	1.6	1.3				27	27	36	58	
[illegible]	1.1	.8				17	17	22	33	
[illegible]	.1	.2				3	3	4	33	
[illegible]	.3					3	3	5	4	
[illegible]									12	
[illegible]									1	
TOTAL	21.9	67.8	10.2	.1			913		912	
						912		912		

7258971	61045	88.9	7.903	912			
1389687	35175	38.5	6.151	913	15.4		93
1298525	33981	37.3	5.963	912	18.9		93
1186012	32356	35.5	6.466	912	31.1		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

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WET BULB TEMPERATURE DEPRESSION (F)

58/ 57			.1				1	1		
56/ 55		.2	.3	.4		.1	10	17		
54/ 53		.7	.5	.2	.2	.1	16	16	5	
52/ 51		2.1	1.2	.8	.1		38	38	16	7
50/ 49	.2	1.5	3.6	.9	.5	.1	63	63	30	16
48/ 47	.3	2.6	4.7	1.6	1.0		94	94	37	26
46/ 45	.5	6.8	5.3	2.4	.7		143	143	96	39
44/ 43	.2	5.6	3.2	2.1			101	101	126	44
42/ 41	1.9	9.2	7.2	1.8	.4		187	187	119	154
40/ 39	.9	4.9	2.7	.8			85	85	136	98
38/ 37	1.5	4.0	1.2	.5	.1		68	68	136	114
36/ 35	.1	4.0	1.6	.1			54	54	86	62
34/ 33	1.3	1.8	.8				35	35	75	128
32/ 31	.4	.9	.3				15	15	30	66
30/ 29	.2	.1	.1				4	4	14	51
28/ 27									3	52
26/ 25										8
24/ 23										22
22/ 21										4
20/ 19										1
18/ 15										2
TOTAL	7.7	44.4	32.9	11.6	3.1	.3		914		914
							914		914	

[illegible]	5930628	72730	79.6	12.526	914			
[illegible]	1711535	39251	42.9	5.329	914	1.9		93
[illegible]	1504417	36799	40.3	5.001	914	4.9		93
[illegible]	1269353	33611	36.8	6.045	914	21.0		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

	WET BULB TEMPERATURE DEPRESSION												
62/ 61					.1		.1				2	2	
60/ 59				.6	.1	.1	.3	.3	.1		14	14	
58/ 57			.1	.6	.1	.2	.6	.1			15	15	
56/ 55		.6	.3	.9	1.3	.9	.1				37	37	
54/ 53		.9	.9	1.0	.9	.3					36	36	16	
52/ 51		2.2	2.0	3.5	1.5	.6	.2				91	91	26	10
50/ 49		1.7	3.4	3.3	1.9	1.8	.1				110	110	35	49
48/ 47	.2	2.4	5.1	4.1	3.3	.3					140	140	78	27
46/ 45	.2	4.5	3.1	3.5	1.8	.4					123	123	135	50
44/ 43	.1	3.0	2.8	3.7	1.3	.3					101	101	135	32
42/ 41	.1	5.3	5.1	3.3	1.5	.2					141	141	122	143
40/ 39		2.1	1.1	.7	.1						36	36	134	71
38/ 37	.4	1.8	1.1	.1							31	31	103	105
36/ 35		1.1	.6	.2							17	17	73	92
34/ 33	.2	.4	.1	.1							8	8	39	96
32/ 31	.2										2	2	11	69
30/ 29													2	60
28/ 27														61
26/ 25														22
24/ 23														29
22/ 21														10
20/ 19														3
18/ 17														2
16/ 15														3
TOTAL	1.5	26.0	25.7	25.6	14.0	5.2	1.4	.4	.1			904		904
											904		904	

	Σx	Σx^2	$\bar{x}$	σ_x	N		
	4557379	625869	69.2	15.752	904		
	1976617	41991	46.5	5.379	904	.2	93
	1613491	37943	42.0	4.815	904	1.3	93
	1229291	32767	36.2	6.787	904	25.6	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

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WET BULB TEMPERATURE DEPRESSION F

										TOTAL		TOTAL	
62/ 61			.1		.1			.2		4	4		
60/ 59			.2	.5	.3	.2	.4	.4	.2	22	22		
58/ 57			.2	.4	.1	.9	.2			17	17	1	
56/ 55		.1	.7	.7	1.2	.3	.3			30	30	2	
54/ 53		.9	.2	1.2	.7	.3	.1			31	31	14	2
52/ 51	.5	1.6	2.4	2.7	1.9	.8				91	91	25	11
50/ 49	.5	2.0	2.3	2.2	2.6	1.2	.5			104	104	43	22
48/ 47	.1	1.9	5.0	4.1	3.3	.4				135	135	74	27
46/ 45	.1	5.0	3.4	4.3	2.1	.5				141	141	115	45
44/ 43	.1	4.3	3.7	3.0	.6	.5				113	113	140	42
42/ 41	.2	4.9	4.2	2.1	.8					111	111	144	121
40/ 39		3.2	1.6	.7	.2					52	52	134	90
38/ 37	.3	1.5	1.3	.4	.1					34	34	98	95
36/ 35	.1	1.0	.5	.2						17	17	62	95
34/ 33	.2	.5	.3							10	10	44	106
32/ 31												13	69
30/ 29												2	62
28/ 27													51
26/ 25													26
24/ 23													26
22/ 21													9
20/ 19													6
18/ 17													5
TOTAL	2.3	27.0	26.3	22.5	14.1	5.3	1.6	.7	.2		912		912
										912		912	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS			
	4649905	63453	69.6	16.065	912			
	1993863	42345	46.4	5.519	912			93
	1530565	38307	42.0	4.865	912		1.5	93
	1245216	33118	36.3	6.837	912		25.9	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

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	WET BULB TEMPERATURE DEPRESSION F							TOTAL		TOTAL	
60/ 59				.1				1	1		
58/ 57			.2	.2			.3	7	7		
56/ 55		.1	.1	.4	.3	.1		10	10		
54/ 53	.2	.2	.3	.3	.3	.2		15	15	7	2
52/ 51	.7	1.6	.5	.7	.5			37	37	16	10
50/ 49	.1	3.1	2.0	.8	.3	.1		59	59	34	9
48/ 47	.2	3.5	2.5	1.8	.7	.2		85	85	47	30
46/ 45	.1	8.0	6.4	1.8	.4	.1		156	156	86	55
44/ 43	.1	6.3	6.0	3.0	.2			144	144	129	41
42/ 41	.7	7.7	5.4	1.5	.7			156	156	126	140
40/ 39		6.1	3.3	.7				92	92	129	71
38/ 37	.4	4.1	3.5	.3	.1			78	78	135	126
36/ 35		2.6	.8	.1				32	32	92	86
34/ 33	.7	2.1	.7	.3				34	34	31	109
32/ 31	.3	.2	.7					11	11	25	79
30/ 29		.2	.1					3	3	15	70
28/ 27										4	45
26/ 25		.1						1	1	1	12
24/ 23											22
22/ 21											6
20/ 19											2
18/ 17											1
16/ 15											3
TOTAL	3.5	46.4	33.3	12.2	3.6	.8	.3	921	921	921	921

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	5771373	71967	78.1	12.678	921		
	1747117	39821	43.2	5.253	921	1.5	93
	1524438	37180	40.4	5.055	921	4.5	93
	1269402	33682	36.6	6.394	921	24.4	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAR

PAGE 1 2100-2300

	WET BULB TEMPERATURE DEPRESSION F				TOTAL		TOTAL	
56/ 55		.1	.1		2	2		
54/ 53		.2	.2		4	4	3	
52/ 51	.7	1.3	.5		23	23	16	9
50/ 49		2.1	.5		24	24	20	9
48/ 47	.4	4.0	1.2	.4	56	56	31	22
46/ 45	.4	8.4	3.5	.7	119	119	67	53
44/ 43	.1	6.9	3.1	.5	97	97	87	36
42/ 41	1.1	11.6	5.9	.1	171	171	115	126
40/ 39	.2	9.7	1.9	.1	109	109	110	77
38/ 37	1.1	8.1	3.6	.2	119	119	153	99
36/ 35	.3	5.7	1.1		65	65	99	99
34/ 33	1.7	4.1	1.7		70	70	112	12[illegible]
32/ 31	.7	2.3	.3		30	30	56	76
30/ 29	.4	1.0	.7		19	19	26	88
28/ 27		.9			8	8	13	44
26/ 25		.1			1	1	7	18
24/ 23								17
22/ 21								10
20/ 19								3
TOTAL	7.2	66.4	24.3	2.1		917		917
					917		917	

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS		
	6581863.	77273.	84.3.	8.760.	917		
	1536801.	37221.	40.6.	5.328.	917	5.9.	93
	1399577.	35493.	38.7.	5.307.	917	10.5.	93
	1231888.	33140.	36.1	6.112	917	26.2	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036470 BRIZE NORTON RAF UK 73-82 MAR

	WET BULB TEMPERATURE DEPRESSION F								TOTAL	TOTA		
82/ 81			.0		.0		.0	.0	6	6		
80/ 79			.0	.2	.1	.0	.1	.1	.0	37	37		
78/ 77			.1	.2	.0	.1	.1	.0		40	40	1	
76/ 75		.1	.2	.3	.4	.2	.1			89	89	2	
74/ 73	.1	.6	.3	.3	.3	.1	.0			121	121	59	7
72/ 71	.3	1.6	.9	1.0	.5	.2	.0			328	328	171	61
70/ 69	.2	2.0	1.7	.9	.7	.4	.1			439	439	213	119
68/ 67	.3	3.1	2.6	1.5	1.0	.1				640	640	367	163
66/ 65	.5	6.2	3.3	1.6	.6	.1				905	905	651	402
64/ 63	.2	5.3	2.9	1.6	.3	.1				756	756	610	289
62/ 61	1.7	9.1	4.3	1.1	.4	.0				1218	1218	925	991
60/ 59	.5	6.2	1.8	.4	.0					656	656	946	551
58/ 57	1.3	5.5	1.9	.2	.0					661	661	964	857
56/ 55	.5	5.0	.9	.1						477	477	736	597
54/ 53	1.9	2.9	.6	.1						400	400	766	940
52/ 51	.9	1.8	.3							219	219	331	666
50/ 49	.3	1.9	.3							188	188	195	556
48/ 47	.5	.6								77	77	131	406
46/ 45	.2	.2								32	32	54	183
44/ 43	.1	.1								9	9	10	209
42/ 41	.1									4	4	8	50
40/ 39													33
38/ 37													12
36/ 35													6
TOTAL	9.6	52.4	22.2	9.4	4.4	1.4	.4	.1	.0		7303		7302
										7302		7302	

	Σx	Σx	$\bar{x}$	σ_x	N Obs		
	48940252	589202	80.7	13.834	7302		
	13175840	306674	42.0	6.385	7303	53.9	744
	11594391	288033	39.4	5.646	7302	74.3	744
	9809771	263463	36.1	6.435	7302	217.5	744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

	WET BULB TEMPERATURE DEPRESSION F																								TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
56/ 55				.7	.2																				8	8	1	
54/ 53				.2	.6	.1																			8	8	5	3
52/ 51		.2	2.4		.4	.4																			31	31	16	7
50/ 49		.4	4.5	1.5	.2																				59	59	44	25
48/ 47		.2	3.8	4.0	.3																				75	75	43	31
46/ 45		.9	7.8	2.5	.7																				105	105	79	52
44/ 43		.1	9.8	4.0	.6																				129	129	110	53
42/ 41		.8	12.0	6.4	.2																				155	155	115	117
40/ 39		.2	6.0	2.4	.1																				77	77	124	97
38/ 37		.4	5.8	2.0																					74	74	107	99
36/ 35		.2	6.6	2.0																					79	79	82	92
34/ 33		.4	4.3	.4																					46	46	91	99
32/ 31		.4	2.6	.1																					28	28	51	82
30/ 29		.1	1.1																						11	11	20	73
28/ 27		.3	.2																						5	5	7	43
26/ 25																											1	13
24/ 23																												3
22/ 19																												1
TOTAL		4.9	65.7	26.6	2.7																					890		890
																									890		690	

	Σx	Σx^2	$\bar{x}$	σ_x	N Obs	MISSING OBSERVATIONS					TOTAL
	6343823.	274757.	84.0	8.317	890						
	1596874.	37262.	41.9	5.492	890		4.4				90
	1441123.	35489.	39.9	5.407	890		8.0				90
	1274134.	13222.	37.3	5.999	890		21.7				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
56/ 55		.5			4	4		
54/ 53		.3	.2		5	5	4	3
52/ 51		1.1	.3		13	13	8	3
50/ 49	.3	2.4	1.0		33	33	26	14
48/ 47	.5	3.7	.9		45	45	36	20
46/ 45	.9	11.0	1.7		120	120	71	58
44/ 43	.5	9.7	1.9	.5	111	111	170	52
42/ 41	.7	13.5	5.3	.2	174	174	91	117
40/ 39	.7	9.6	1.8		137	137	132	92
38/ 37	1.4	3.8	1.0		55	55	139	122
36/ 35	.7	5.3	1.1		63	63	71	88
34/ 33	1.0	6.0	.5		66	66	76	60
32/ 31	.5	4.3			43	43	74	54
30/ 29	.5	3.2			33	33	36	84
28/ 27	.6	.8			12	12	19	70
26/ 25							1	15
24/ 23								10
22/ 21								1
TOTAL	8.3	75.2	15.8	.7		884		884
					884		884	

[illegible]	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	[illegible]	[illegible]
[illegible]	6645764	76362	86.4	7.482	884		
[illegible]	1478757	35819	40.5	5.570	884	9.0	90
[illegible]	1363458	34378	38.9	5.481	884	13.2	90
[illegible]	1225161	32481	36.7	5.994	884	23.9	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035490 BRIZE NORTON RAF UK 73-82 APR

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WET BULB TEMPERATURE DEPRESSION (F)

56/ 55		.6	.1			6	6		
54/ 53		.1	.2	.2	.1	6	6	0	3
52/ 51		1.6	1.2	.1		26	26	6	3
50/ 49	.2	2.6	2.3	.1		46	46	28	10
48/ 47	.7	4.5	2.1	1.1		75	75	60	26
46/ 45	.3	10.3	3.6	.5		130	130	76	58
44/ 43	.5	8.5	3.7	.7		119	119	126	71
42/ 41	1.2	13.2	6.8	.6	.1	194	194	99	135
40/ 39	.3	5.7	2.1	.1		73	73	143	95
38/ 37	2.0	3.7	1.9	.1		69	69	129	114
36/ 35	.3	3.1	1.1			40	40	63	91
34/ 33	.7	3.7	.9			47	47	53	62
32/ 31	.5	2.3				25	25	40	57
30/ 29	.2	1.8				18	18	26	57
28/ 27	.5	.3				8	8	10	49
26/ 25	.1	.1				2	2	1	22
24/ 23								1	11
22/ 21									1
TOTAL	7.9	62.1	26.2	3.5	.2		884		884
						884		884	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	6316492	74276	84.0	9.255	884		
	1576535	37017	41.9	5.475	884	5.4	90
	1431298	35264	39.9	5.275	884	8.8	90
	1260762	32974	37.3	5.908	884	20.0	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 0900-1100

WET BULB TEMPERATURE DEPRESSION (F)

									TOTAL		TOTAL	
66/ 65								.1	1	1		
64/ 63					.1	.2			3	3		
62/ 61				.2	.5	.1			7	7		
60/ 59			.2	.7	.5	.1	.1		14	14		
58/ 57		.1	.3	.8	.5	.1	.1		17	17	1	
56/ 55			1.2	2.8	1.4	.5			52	52	7	
54/ 53		.7	.9	2.6	.8	.1			45	45	14	3
52/ 51	.1	1.5	3.8	3.1	2.0	.6			98	98	36	5
50/ 49	.1	1.2	4.5	3.2	1.2	.2			93	93	71	21
48/ 47	.1	3.5	5.2	3.1	2.4	.6			131	131	89	34
46/ 45	.2	4.4	6.2	5.1	1.7	.3			159	159	144	78
44/ 43		3.1	3.6	4.9	.9				110	110	112	75
42/ 41	.5	3.7	3.3	1.5	.6				85	85	172	136
40/ 39	.2	1.7	.7	.6	.1				29	29	119	[illegible]
38/ 37	.2	.7	.8	.5					19	19	91	[illegible]
36/ 35		1.1	.5	.2					16	16	30	79
34/ 33		.5	.1						5	5	26	74
32/ 31		.1							1	1	13	[illegible]
30/ 29												59
28/ 27												32
26/ 25												15
24/ 23												15
22/ 21												[illegible]
20/ 19												[illegible]
18/ 17												1
16/ 15												1
TOTAL	1.5	22.3	31.4	29.0	12.5	2.8	.2	.1		885		885
									885		885	

	Σx²	Σx	x̄	σ	N		
	4571514	62506	70.6	13.319	885		
	2010414	41908	47.4	5.415	885	.1	90
	1664519	38135	43.1	4.905	885	1.3	90
	1303790	33500	37.9	6.356	885	19.3	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 1200-1400

WET-BULB TEMPERATURE DEPRESSION

70/ 69								.1				1	1			
68/ 67							.3	.1	.1	.1		8	8			
66/ 65						.2	.2	.3	.1			10	10			
64/ 63					.1	.5	.7	.6				17	17			
62/ 61					.5	.5	.8	.2	.1			16	16			
60/ 59				.1	.5	1.9	1.6	1.4	.2			50	50	1		
58/ 57				.7	1.5	2.6	1.8	.3				1	51	9		
56/ 55			.2	.5	3.6	3.2	1.5	1.0	.1			68	65	14		
54/ 53		.1	.3	.3	2.6	2.6	1.7	.7				74	74	33	2	
52/ 51		.1	.7	2.5	3.9	3.7	1.9	.2				114	114	50	16	
50/ 49			1.1	2.4	3.7	1.8	1.8	.3				98	98	90	45	
48/ 47		.1	1.4	1.6	3.2	3.3	1.6	.1				103	103	105	31	
46/ 45			2.5	3.1	2.7	3.6	.5					108	108	117	74	
44/ 43			2.2	1.2	1.9	1.3						56	56	170	64	
42/ 41			1.4	1.3	1.5	.6	.1					42	42	104	138	
40/ 39			.7	.6	.1	.2						14	14	96	76	
38/ 37			.5	.1	.1							6	6	58	43	
36/ 35			.3	.2								5	5	29	59	
34/ 33														9	64	
32/ 31														6	58	
30/ 29															53	
28/ 27															63	
26/ 25															32	
24/ 23															22	
22/ 21															6	
20/ 19															1	
18/ 17															1	
16/ 15															3	
TOTAL		.5	11.3	14.7	25.9	26.2	14.4	5.6	.8	.3	.1		873		873	
												873		873		

	3412739	53035	60.8	14.794	873	
	2299398	44462	51.0	6.143	873	.9
	1762472	38972	44.6	5.113	873	.5
	1245522	32412	37.1	6.953	873	24.4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 1500-1700

	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL		TOTAL	
6?/ 67						.3	.3	.5		.1	11	11		
66/ 65					.5	.1	.2	.1			9	9		
64/ 63				.1	.5	1.0	.9	.3	.5		29	29		
62/ 61					.8	1.8	.2	.2	.1		26	28		
60/ 59		.1		.9	2.0	1.6	2.0	.9			67	67	1	
58/ 57			.2	1.6	2.2	2.4	.1				57	57	9	
56/ 55		.9	.5	2.7	3.9	1.8	.9				94	94	11	1
54/ 53		.1	1.2	2.4	2.9	2.0	1.0				86	86	49	5
52/ 51		1.0	1.2	2.7	5.0	1.7	1.1				113	113	58	14
50/ 49			1.9	2.8	2.2	2.5	.5				87	87	91	11
48/ 47		1.1	1.7	3.2	2.5	2.0					93	93	105	33
46/ 45		2.9	2.4	2.7	3.5	.8					109	109	113	55
44/ 43		1.2	.6	1.9	.7						41	41	132	72
42/ 41		1.2	1.4	.5	.6						32	32	96	117
40/ 39		.6	.8								12	12	96	79
38/ 37		.8									7	7	54	62
36/ 35		.2									2	2	25	60
34/ 33	.2	.2	.2								6	6	9	55
32/ 31														50
30/ 29													1	57
28/ 27														70
26/ 25														27
24/ 23														23
22/ 21														5
20/ 19														3
16/ 15														2
TOTAL	.2	10.5	12.1	21.5	27.7	18.3	7.4	2.0	.6	.1		883		883
											883		883	

	Σx²	Σx	x̄	σx	N			
[illegible]	3227799	51711	58.6	15.038	883			
[illegible]	2394499	45531	51.7	6.425	883		1.1	93
[illegible]	1800948	39612	44.9	5.238	883	.4		93
[illegible]	1237867	32475	36.8	7.024	883	24.9		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035490 BRIZE NORTON RAF UK 73-82 APR

PAGE 1 1500-2000

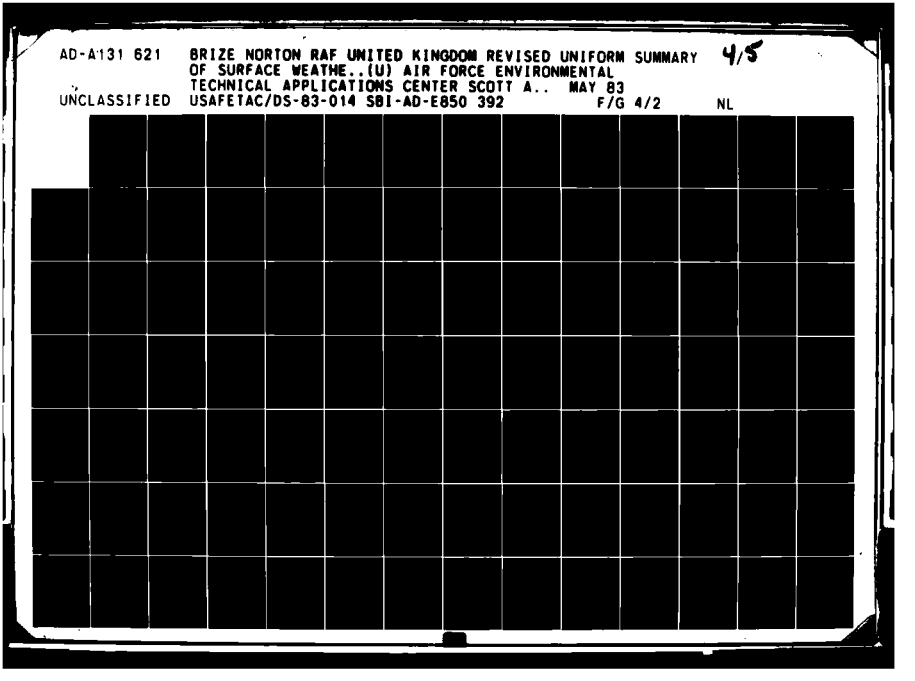
66/ 65					.7			.1	4	4		
64/ 63				.2	.1	.3	.1		7	7		
62/ 61				.3	.2	.2	.2		9	9		
60/ 59		.1	.1	.7	1.7	.3	.7	.1	33	33	1	
58/ 57			.1	1.0	1.0	.5	.5		27	27	7	
56/ 55		.3	.8	1.7	2.3	.6			50	51	[illegible]	1
54/ 53		.9	2.3	3.1	1.7	.6	.2		77	77	17	7
52/ 51		1.5	3.3	2.8	2.5	.2			91	91	51	13
50/ 49	.1	1.1	3.2	2.5	1.5	.9		.1	63	63	69	12
48/ 47		1.6	4.1	3.7	2.6	.5			110	110	171	37
46/ 45		4.6	7.0	3.6	2.5	.7			163	163	117	78
44/ 43	.1	1.9	3.5	3.6	.9	.1			90	90	127	52
42/ 41		2.3	2.5	2.1	.5				65	65	125	124
40/ 39		1.6	.7	.5					24	24	95	78
38/ 37		1.5	.8						20	20	55	117
36/ 35		1.9	.2						19	19	46	74
34/ 33	.3	.6	.3						11	11	32	54
32/ 31											6	70
30/ 29											1	45
28/ 27		.1							1	1	1	43
26/ 25												19
24/ 23												15
22/ 21												2
20/ 19												[illegible]
14/ 13												1
TOTAL	.5	20.0	26.3	25.9	17.8	4.9	1.7	.3	884	885	884	864

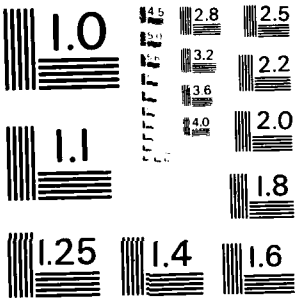
4291903	60347	68.3	13.967	884		
2082697	42589	48.1	6.126	885	.1	90
1684798	38312	43.3	5.255	884	.5	92
1267337	33235	37.6	6.551	884	20.7	90

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL

4/5





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR
STATION NAME

 2100-2300

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+												
61/ 59			.7	.2																						8	8		
58/ 57			.1	.3																						4	4		
56/ 55		.1	.7	.1	.2																					10	10	6	
54/ 53		.2	1.4	.2	.1	.1																				18	18	5	4
52/ 51	.2	1.8	2.7	1.1	.6																					57	57	16	7
50/ 49	.3	3.8	1.9	1.6	.3																					71	71	46	11
48/ 47	.1	3.2	3.5	1.9	.3																					80	80	60	38
46/ 45	.2	9.4	7.2	2.4																						170	170	94	74
44/ 43		6.2	6.1	2.6																						132	133	125	47
42/ 41	.5	6.1	8.5	.8																						140	140	128	122
40/ 39	.1	3.3	3.2	.3																						59	59	121	89
38/ 37	.8	2.9	2.9	.1																						60	60	116	109
36/ 35		2.6	.3																							26	26	62	81
34/ 33	1.1	2.8	.3																							38	38	76	103
32/ 31		.9																								8	8	22	83
30/ 29	.1	.2																								3	3	5	55
28/ 27		.3																								3	3		47
26/ 25																												3	11
24/ 23																													3
22/ 21																													1
20/ 19																													2
TOTAL	3.5	43.6	39.5	11.7	1.6	.1																					888		887
																										887		887	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature ≤ 32°F	≤ 32°F	≤ 32°F	≤ 32°F	≤ 32°F	≤ 32°F	≤ 32°F
	5580146	69736	78.6	10.493	887							
	1739096	38992	43.9	5.513	888		1.4					93
	1520407	36435	41.1	5.181	887		3.0					93
	1278972	33264	37.5	5.964	887		20.5					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 APR

STATION NAME

 ALL

	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OBS			
70/ 69								.0																		1	1		
68/ 67							.0	.1	.1	.0	.0															19	19		
66/ 65					.2	.1	.1	.1																		24	24		
64/ 63				.1	.2	.3	.2	.0	.1																	56	56		
62/ 61				.1	.2	.4	.1	.0	.0																	62	62		
60/ 59		.0	.1	.4	.8	.5	.5	.2																		172	172	3	
58/ 57		.0	.2	.7	.8	.6	.1																			166	166	26	
56/ 55		.4	.5	1.4	1.4	.5	.2	.0																		312	313	44	2
54/ 53	.0	.4	.9	1.4	1.0	.6	.2																			319	319	132	30
52/ 51	.1	1.4	2.0	1.8	1.7	.6	.2																			543	543	235	66
50/ 49	.2	2.1	2.3	1.8	.9	.7	.1	.0																		570	570	469	114
48/ 47	.2	2.9	2.9	2.1	1.4	.6	.0																			712	712	639	250
46/ 45	.3	6.6	4.2	2.2	1.4	.3																				1064	1064	811	530
44/ 43	.2	5.3	3.1	2.1	.5	.0																				788	789	952	486
42/ 41	.5	6.4	4.4	.9	.3	.0																				887	887	888	1010
40/ 39	.2	3.6	1.5	.2	.0																					395	395	926	695
38/ 37	.6	2.5	1.2	.1																						310	310	789	832
36/ 35	.2	2.7	.7	.0																						250	250	406	654
34/ 33	.5	2.3	.4																							219	219	382	678
32/ 31	.2	1.3	.0																							105	105	223	514
30/ 29	.1	.8																								65	65	89	483
28/ 27	.2	.2																								29	29	37	421
26/ 25	.0	.0																								2	2	6	154
24/ 23																												1	108
22/ 21																													21
20/ 19																													11
18/ 17																													2
16/ 15																													6
14/ 13																													1
TOTAL	3.5	38.9	24.4	15.1	10.7	5.0	1.9	.4	.1	.0																7070	7072		7070

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours in Temperature							Total
Wet Bulb	40387180	522730	73.915	8.682	7070								
Dew Point	15164270	323700	45.8	7.054	7072				20.5	2.0			722
Wet Bulb	12669023	296597	42.0	5.658	7070				36.3				722
Dew Point	10111635	263563	37.3	6.363	7070				175.3				720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

STATION STATION NAME

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL WB	TOTAL DB	TOTAL Wet B	TOTAL Dew P
60/ 59		.1	.5	.1														7	7		
58/ 57		.7	.3															9	9	1	
56/ 55		1.5	.9	.5														27	27	15	1
54/ 53	.8	4.9	2.3	.8														80	80	41	31
52/ 51	1.0	6.4	2.0	.3														89	89	67	47
50/ 49	.7	7.1	2.9	.7	.1													105	105	93	61
48/ 47	.9	9.5	3.7	1.2														140	140	103	74
46/ 45	.5	15.0	4.3	.4														184	184	171	140
44/ 43	.5	6.6	2.3	.3														87	87	142	119
42/ 41	.7	6.5	1.5															80	80	103	147
40/ 39		3.5	.9															40	40	54	63
38/ 37	.1	2.7	.3															29	29	51	85
36/ 35	.2	2.6	.1															27	27	39	54
34/ 33	.1	1.1	.1															12	12	24	53
32/ 31		.2																2	2	7	24
30/ 29																					18
28/ 27																					4
TOTAL	5.4	68.5	21.6	4.4	.1														918		918
																		918		918	

Element	Σ_X	Σ_X	$\bar{X}$	σ_x	No Obs	Max	Min	Mean
Dry Bulb	6802027	78639	85.7	8.454	918			
Dew Point	2014268	42734	46.6	5.216	918		.2	93
Wet Bulb	1849179	40931	44.6	5.135	918		.7	93
Vapor Pressure	1684299	38965	42.4	5.759	918		4.7	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 (STATION) BRIZE NORTON RAF UK (STATION NAME) 73-82 (YEARS) MAY

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
58/ 57		.2	.1															3	3	
56/ 55	.2	1.5	.2															18	18	4	2
54/ 53	.3	2.3	.8	.2														33	33	28	11
52/ 51	1.7	4.1	1.3															66	66	42	41
50/ 49	.8	6.9	1.1															81	81	83	36
48/ 47	1.1	9.1	3.3															124	124	80	71
46/ 45	2.4	17.9	4.0	.3														227	227	166	132
44/ 43	1.0	8.8	.9															98	98	171	129
42/ 41	2.3	7.2	2.0															105	105	99	182
40/ 39	1.0	4.4	.4															54	54	81	80
38/ 37	2.4	2.1																41	41	74	77
36/ 35	.1	2.4																23	23	31	54
34/ 33	.7	2.6	.1															31	31	35	44
32/ 31	.3	1.4																16	16	25	30
30/ 29		.2																2	2	3	22
28/ 27																					11
TOTAL	14.2	71.1	14.1	.5															922		922
																		922		922	

Element x	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Re. Hum.	7311731.	81815.	88.7	7.497	922							
Dry Bulb	1879517.	41337.	44.8	5.335	922		1.8					93
Wet Bulb	1758028.	39972.	43.4	5.220	922		2.8					93
Dew Point	1632551.	38849.	41.7	5.627	922		6.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 STATION — BRIZE NORTON RAF UK STATION NAME — 73-82 YEARS — MAY MONTH

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
64/ 63				.2		.1												3	3	
60/ 59		.1	.8	.6	.2													15	15	
58/ 57	.1	.7	1.5	.3														24	24	4 1
56/ 55		1.7	2.8	.9	.4													49	49	15 4
54/ 53	.2	3.9	2.6	.6	.2													68	68	42 15
52/ 51	.7	5.7	6.4	1.0	.6													130	130	79 46
50/ 49	1.1	5.3	4.9	.7														108	108	113 68
48/ 47	.3	9.5	4.4	1.2	.3													143	143	131 63
46/ 45	1.0	11.9	4.9	.3														164	164	180 172
44/ 43	.9	4.7	3.4	.2														84	84	123 111
42/ 41	.7	3.9	1.8	.2														59	59	90 164
40/ 39	.2	2.0	.4															24	24	60 54
38/ 37	.3	1.7	.2															20	20	33 75
36/ 35		.4	.1															5	5	20 61
34/ 33	.1	.9																9	9	13 25
32/ 31	.1	.1																2	2	4 12
30/ 29																				10
28/ 27																				6
TOTAL	5.7	52.4	33.8	6.2	1.8	.1													907	907 907
																		907		907

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	6341016	75318	83.0	9.774	907							
Dry Bulb	2115060	43552	48.0	5.125	907		.2					93
Wet Bulb	1905556	41346	45.6	4.789	907		.4					93
Dew Point	1703089	38995	43.0	5.815	907		2.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

PAGE 1 0900-1100

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry B.	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1				.1								2	2		
72/ 71					.1		.1		.2									4	4		
70/ 69					.1	.1	.4	.1										7	7		
68/ 67					.1	.5	.5	.1										12	12		
66/ 65				.3	.7	.8	.1	.2										19	19		
64/ 63				.4	1.1	1.5	.7	.3										37	37	2	
62/ 61		.1	.7	1.1	1.5	.9	.7	.1										46	46	3	
60/ 59	.1	.4	1.1	2.9	1.7	2.2	1.1	.2										90	90	11	2
58/ 57		.5	1.9	3.7	2.2	.7	.4	.1										87	87	37	7
56/ 55		1.3	2.2	4.8	2.7	1.0												110	110	52	12
54/ 53		1.9	3.2	4.3	1.7	.7	.1											108	108	80	19
52/ 51	.2	2.1	4.3	2.9	2.0	.3	.1											109	109	123	52
50/ 49		1.6	2.7	3.3	1.5													84	84	144	65
48/ 47	.1	3.9	3.7	3.2	1.3													112	112	147	86
46/ 45	.1	3.2	2.4	1.2	.9													71	71	134	164
44/ 43		.2	.5	.5	.1													13	13	89	97
42/ 41		.4	.1															5	5	56	143
40/ 39			.1															1	1	26	54
38/ 37																				11	78
36/ 35																				2	43
34/ 33																					49
32/ 31																					18
30/ 29																					13
28/ 27																					10
26/ 25																					5
TOTAL	.5	15.7	22.8	28.7	17.8	8.7	4.3	1.2	.2	.1									917		917
																		917		917	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤45 F	≤73 F	≤80 F	≥93 F	Total
Rel. Hum.	4369556	61928	67.5	14.302	917							
Dry Bulb	2708739	49547	54.0	5.877	917			2.5	.2			93
Wet Bulb	2183300	44530	48.6	4.777	917							93
Dew Point	1225712	39374	42.9	6.188	917		4.7					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 STATION — BRIZE NORTON RAF UK STATION NAME — 73-82 YEARS — MAY

PAGE 1 1200-1430

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL D.B. - W.B.	TOTAL Wet B. - Dew Pt.
80/ 79									.1		.1							2	2		
78/ 77							.2			.1								3	3		
76/ 75						.1	.3		.4	.2	.1							11	11		
74/ 73						.2	.4	.6	.4	.1	.1							17	18		
72/ 71					.1	.3	.4	.4	.4		.2							18	18		
70/ 69				.1	.1	.7	.3	.9	.1	.2								22	22		
68/ 67				.2	.2	.8	.4	.4	.6									24	24		
66/ 65			.2	.2	.8	1.2	1.1	1.0	.1	.1								43	43	3	
64/ 63		.2		1.0	1.0	2.8	1.4	.9	.2	.1								69	69	12	
62/ 61		.1	.3	1.2	3.0	1.3	1.1	.3										67	67	14	2
60/ 59		.2	1.0	2.9	3.7	3.6	2.6	.3										128	128	31	12
58/ 57			1.2	2.8	1.8	1.8	1.8	.1										85	85	50	5
56/ 55	.2	.4	1.1	2.3	3.2	1.8	1.1	.1										93	93	68	11
54/ 53	.1	1.7	2.3	2.6	2.3	1.1	.4											89	89	112	19
52/ 51	.1	1.1	2.4	1.9	2.7	1.1	.3											87	87	121	53
50/ 49		2.0	2.1	1.2	1.1	.4												62	62	123	60
48/ 47	.1	2.3	.7	1.3	.9	.3												51	51	134	80
46/ 45		.7	1.1	.7	.1													23	23	113	148
44/ 43		.1	.1	.1														3	3	55	85
42/ 41		.4																4	4	41	122
40/ 39																				19	53
38/ 37																				5	67
36/ 35																					48
34/ 33																					53
32/ 31																					25
30/ 29																					27
28/ 27																					20
26/ 25																					4
24/ 23																					5
22/ 21																					2
TOTAL	.6	9.3	12.3	18.5	20.6	17.5	12.1	5.1	2.4	.9	.6								902		901
																		901		901	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0°F	≤ 32°F	≤ 67°F	≤ 73°F	≤ 77°F	≤ 93°F	Total
Rel. Hum.	3377849	53217	59.116	8.146	901							
Dry Bulb	3044005	52015	57.7	7.027	902			10.1	3.5			93
Wet Bulb	2286573	45141	50.1	5.267	901							93
Dew Point	1669851	38259	42.5	7.092	901		8.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

Temp °C / °F	WET BULB TEMPERATURE DEPRESSION °C																							TOTAL OBS	TOTAL MEAN H	TOTAL MEAN P
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+									
80/ 79											.1													1	1	
78/ 77							.2	.3	.1	.1														7	7	
76/ 75						.1		1.0	.3	.1														14	14	
74/ 73						.1	.4	.4	.7															15	15	
72/ 71					.1	.5	.8	.9	.5	.3														29	29	
70/ 69					.2	.4	.7	.8	.8	.4														30	30	
68/ 67					.4	.5	.5	.2	.8															23	23	
66/ 65				.3	.8	.8	1.0	.5		.1														32	32	3	
64/ 63			.4	.7	1.6	4.2	1.8	.8	.2	.3	.1													92	92	5	
62/ 61			.7	.5	1.9	1.8	1.2	.4	.1															60	60	27	
60/ 59		.4	.7	2.2	3.1	4.8	2.0	.7																126	126	40	3
58/ 57		.7	1.1	2.4	2.3	2.2	1.3	.1																92	92	46	10
56/ 55	.1	.9	1.5	1.6	3.0	1.3	1.3																	89	89	69	21
54/ 53		.9	1.6	2.2	2.6	1.4	.4																	84	84	113	23
52/ 51	.1	2.3	2.6	2.7	2.4	1.5	.1																	108	109	120	57
50/ 49		.5	1.5	1.1	.8	.4	.2																	42	42	123	55
48/ 47		2.1	.2	.8		.3																		31	31	135	88
46/ 45		1.4	.3	.4	.2	.1																		23	23	121	120
44/ 43			.4																					4	4	53	90
42/ 41		.1	.2																					3	3	29	122
40/ 39		.3	.1																					4	4	12	72
38/ 37	.1																							1	1	10	64
36/ 35																										2	39
34/ 33																											48
32/ 31																											20
30/ 29																											24
28/ 27																											19
26/ 25																											7
24/ 23																											2
22/ 21																											4
20/ 19																											2
TOTAL	.3	9.7	11.5	15.1	19.5	20.7	12.0	6.2	3.5	1.4	.2													910	911	910	910

Element X	Σx	Σx^2	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature					
						>90°F	>32°F	<0°F	<32°F	>0 & <32°F	Total
Ref Hum	3322792	52892	58.1	16.536	910						
Dry Bulb	3130432	52990	58.2	7.276	911			12.1	3.8		93
Wet Bulb	2330113	45791	50.3	5.340	910						93
Dew Point	1685811	38635	42.5	7.077	910		8.0				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

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°F	WET BULB TEMPERATURE DEPRESSION (°F) 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Pt.	TOTAL Frost Pt.
78/ 77						.1											1	1		
76/ 75						.1											1	1		
74/ 73					.2	.3											5	5		
72/ 71			.1		.1	.6		.2									9	9		
70/ 69				.4	.8	.8	.3	.1									22	22		
68/ 67				.3	.6	.2	.2	.1									13	13		
66/ 65			.4	.4	1.2	.8	.3	.1									30	30	3	
64/ 63		.1	1.1	1.8	1.8	.6	.2	.1									51	51	2	
62/ 61	.1	.9	.8	2.0	1.0	.6	.1	.1									50	50	14	1
60/ 59	.1	1.5	3.5	2.8	1.9	1.2	.3										103	103	24	1
58/ 57	.9	1.8	2.6	2.2	.9	.4	.1										81	81	36	8
56/ 55	.1 1.1	2.3	3.1	3.1	1.2	.4											103	103	76	24
54/ 53	1.7	1.5	2.5	1.3	.7	.3											73	73	94	33
52/ 51	.4 2.4	3.8	3.2	1.4	.8	.1											110	110	109	61
50/ 49	1.7	4.5	2.0	.7	.3												83	83	113	68
48/ 47	2.8	3.0	1.8	1.2	.1												80	80	127	66
46/ 45	.1 3.0	2.1	1.2	.4													62	62	147	128
44/ 43	.7	.3	.6														14	14	56	100
42/ 41	.4	.7															10	10	57	133
40/ 39	.2	.1															3	3	19	75
38/ 37	.2																2	2	16	55
36/ 35																			1	39
34/ 33																				35
32/ 31																				21
30/ 29																				20
28/ 27																				15
26/ 25																				3
TOTAL	.9 15.0	22.6	23.0	18.1	11.5	6.5	1.7	.8										906		906
																	906		906	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max	No. of Hours with Temperature ≤ 32°F	≤ 28°F	≤ 0°F	≥ 90°F	Missing
Dry Bulb	4209189	60219	66.5	15.110	906						
Dew Point	2786451	49867	55.0	6.790	906			5.2	.7		93
Wet Bulb	2221212	44600	49.2	5.326	906						93
Frost Point	1742823	39289	43.4	6.568	906		6.1				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

T°F	WET BULB TEMPERATURE DEPRESSION °F																											TOTAL D.B.	TOTAL W.B.	TOTAL Wet Bulb °F	TOTAL Dew Point °F
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
70/ 69							.1				.1																						1	1		
66/ 65					.1		.2					.1																						4	4		
64/ 63			.1				.9																										9	9	1	
62/ 61					.2		.4		.4																								10	10	3	1
60/ 59			.2	1.5	2.0		.5																										39	39	2	2
58/ 57			.9	1.4	1.5		.3																										38	38	13	1
56/ 55		.4	3.0	3.1	2.1		.5																										83	83	33	16
54/ 53		.3	3.2	3.7	1.7		.5		.2																								89	89	58	28
52/ 51		1.0	3.8	5.7	1.3		1.0																										117	117	99	62
50/ 49		.2	4.3	5.1	1.3		.4																										104	104	105	67
48/ 47		.2	8.3	4.6	1.6		.2																										137	137	124	78
46/ 45		.4	8.7	5.2	1.5																												146	146	175	167
44/ 43		.1	3.1	1.3	1.1																												51	51	113	136
42/ 41			2.4	3.2	.1																												52	52	71	146
40/ 39			.9	.4	.1																												13	13	46	63
38/ 37		.2	.8	.2																													11	11	38	58
36/ 35		.1	1.0																														10	10	12	45
34/ 33			.1																														1	1	12	38
32/ 31																																				29
30/ 29																																				9
28/ 27																																				2
TOTAL		3.1	40.7	35.8	16.1		4.2		.3																									915		915
																																	915		915	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Number of Hours with Temperature						
						< 32°F	< 32°F	< 42°F	< 23°F	< 0°F	< 0°F	T°F
Dry Bulb	5892568	72772	79.5	10.7	915							
Wet Bulb	2289123	45988	49.7	5.5	915			.1				93
Dew Point	2014762	42660	46.6	5.1	915							93
	1760162	39764	43.5	5.9	915		4.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 MAY

PAS ALL

°F / °C	WET BULB TEMPERATURE DEPRESSION °F: 1 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31-32	TOTAL OBS	TOTAL OBS		
80/ 79	.0 .0	3			
78/ 77	.1 .0 .0 .0	11	26		
76/ 75	.0 .1 .1 .1 .0 .0	26			
74/ 73	.1 .2 .1 .1 .0 .0	39	40		
72/ 71	.0 .0 .1 .2 .2 .2 .0 .0	60	60		
70/ 69	.0 .1 .2 .3 .3 .1 .1	82	82		
68/ 67	.0 .1 .3 .2 .1 .2	72	72		
66/ 65	.0 .2 .3 .5 .4 .3 .0 .0	128	128	9	
64/ 63	.0 .1 .5 .7 1.3 .5 .3 .1 .1 .0	261	261	22	
62/ 61	.0 .3 .5 1.1 .6 .4 .1 .0	233	233	61	4
60/ 59	.0 .2 .9 1.8 1.5 1.5 .8 .2	508	508	108	20
58/ 57	.0 .6 1.2 1.7 1.1 .7 .5 .1	419	419	191	32
56/ 55	.1 1.4 1.7 1.9 1.6 .7 .4 .0	572	572	332	91
54/ 53	.2 2.5 2.2 1.9 1.1 .5 .2	624	624	576	179
52/ 51	.7 3.5 3.5 1.7 1.2 .5 .1	816	817	760	419
50/ 49	.3 3.7 3.1 1.3 .6 .2 .0	669	669	894	480
48/ 47	.3 5.9 2.9 1.4 .5 .1	818	818	981	646
46/ 45	.6 7.8 3.0 .8 .2 .0	900	900	1207	1171
44/ 43	.3 3.0 1.1 .4 .0	354	354	812	837
42/ 41	.5 2.7 1.2 .0	318	318	546	1159
40/ 39	.2 1.4 .3 .0	139	139	327	511
38/ 37	.4 .9 .1	104	104	236	579
36/ 35	.1 .8 .0	65	65	137	383
34/ 33	.1 .6 .0	53	53	84	342
32/ 31	.1 .2	20	20	36	179
30/ 29	.0	2	2	3	143
28/ 27					87
26/ 25					19
24/ 23					7
22/ 21					6
20/ 19					2
TOTAL	3.9 35.4 21.8 14.0 11.0 7.3 4.3 1.8 .9 .3 .1	7298			7298
		7296		7296	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs					
	41626728	536860	73.617	7.095	7296					
	19967592	377530	51.7	7.745	7298	2.2	30.0	8.2		744
	16548723	344991	47.3	5.686	7296	4.0				744
	13604298	311730	42.7	6.253	7296	45.2				744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10				
72/ 71					.1		1	1		
70/ 69				.2		.1	3	3		
68/ 67			.1	.5		.1	6	6		
66/ 65		.2	.3	.2			7	7	1	
64/ 63		.6	.9	.6			18	18	7	1
62/ 61		1.4	.8	.1			20	20	14	6
60/ 59	.1	2.9	2.2	.3			48	48	27	19
58/ 57	.2	6.1	2.5	.1			78	78	47	30
56/ 55	1.7	7.2	3.0	1.0	.2		115	115	95	66
54/ 53	1.0	9.6	5.4	.5	.1		145	145	115	96
52/ 51	.8	8.7	4.5	.3	.3		128	128	116	108
50/ 49	.5	7.3	2.4	.2			91	91	136	114
48/ 47	.5	8.5	2.1				96	96	120	103
46/ 45	.2	6.1	.6		.1		61	61	83	140
44/ 43		2.8	.3				27	27	52	64
42/ 41		2.1	.6				23	23	27	63
40/ 39		.2	.1				3	3	13	32
38/ 37		.2					2	2	6	15
36/ 35									3	5
34/ 33										7
32/ 31										1
30/ 29										1
28/ 27										1
TOTAL	5.0	63.9	25.8	4.1	.9	.2		872		872
							872		872	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature		
	6551003	75251	86.3	8.094	872			
	2427316	45772	52.5	5.326	872		1.0	90
	2236394	43936	50.4	5.101	872			90
	2077043	42261	48.5	5.562	872	.3		90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION (F)				TOTAL		TOTAL	
66/ 65				.1	1	1		
64/ 63		.5	.5	.1	9	9		
62/ 61	.1	.5	.5	.1	10	10	7	4
60/ 59	.2	1.9	1.3	.1	31	31	15	9
58/ 57	.8	3.2	2.1	.1	54	54	33	26
56/ 55	1.3	8.6	1.0	.2	97	97	49	48
54/ 53	1.5	10.5	2.5	.1	129	129	133	69
52/ 51	1.0	9.5	3.9	.1	127	127	110	112
50/ 49	.9	7.8	4.0	.3	113	113	134	100
48/ 47	1.0	9.8	.9		103	103	135	107
46/ 45	1.0	9.0	.7		94	94	110	167
44/ 43	.8	3.5	.1		39	39	56	62
42/ 41	.6	4.8	.5		51	51	43	72
40/ 39	.2	.6	.1		8	8	32	43
38/ 37	.2	.6			7	7	10	21
36/ 35		.1	.1		2	2	6	5
34/ 33							1	6
32/ 31							1	3
28/ 27								1
TOTAL	9.7	70.9	18.1	1.4		875		875
					875		675	

	Σx^2	Σx	$\bar{x}$	σ_x	N. Obs		
	6976243	77891	89.0	6.975	875		
	2267063	44311	50.6	5.141	875		90
	2123420	42878	49.0	5.046	875	.1	90
	2003162	41600	47.5	5.389	875	.4	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
74/ 73									.2																		2	2		
72/ 71								.2																			2	2		
70/ 69					.1			.2																			3	3		
68/ 67					.2	.1		.3						.1													7	7		
66/ 65			.3		.2	.6		.3	.2																		15	15	2	
64/ 63			.6		.3	1.3		.2																			21	21	11	4
62/ 61			.5		2.0	.7			.2																		29	29	12	5
60/ 59		.1	3.2		4.5	1.6		.6	.6																		92	92	24	13
58/ 57			4.9		5.3	2.3		.7	.1																		116	116	56	22
56/ 55		.7	8.2		4.1	3.1		.5																			144	145	97	79
54/ 53		.6	5.8		4.6	1.8		.3	.1																		115	115	150	81
52/ 51		.6	6.2		6.2	1.3		.2																			126	126	122	120
50/ 49		.7	4.9		4.0	.2		.1																			87	87	170	136
48/ 47		.5	4.9		1.0	.5		.1																			61	61	113	108
46/ 45		.1	2.8		1.0	.1																					35	35	59	163
44/ 43		.1	.8		.1																						9	9	36	60
42/ 41		.1	.1		.3																						5	5	13	68
40/ 39																													1	21
38/ 37																													3	10
36/ 35																														3
34/ 33																														4
32/ 31																														2
TOTAL		3.5	43.3		34.2	13.6		3.9	1.5					.1														870		869
																											869		869	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max No of Hrs in a Temperature					
	5880621.	70863.	81.610	.669.	869						
	2592719.	47299.	54.4.	4.943.	870			1.4.	.2		90
	2308808.	44622.	51.3.	4.494.	869						90
	2081946.	42296.	48.7	5.183.	869		.2				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

033490 BRIZE NORTON RAF UK 73-82 JUN

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL	TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	WB	WB		
86/ 85																	.1									1	1		
84/ 83																		.1								1	1		
82/ 81														.1			.2									3	3		
80/ 79												.1	.1	.1	.1	.1										5	5		
78/ 77										.1	.3	.1	.1			.2										6	8		
76/ 75								.2	.5	.1	.3					.1										11	11		
74/ 73						.3	.3	.6	.6	.6																21	21		
72/ 71							.6	.6	.5	.2	.2															18	18		
70/ 69					.1	.1	.5	.9	.6	.1	.1															21	21		
68/ 67					.2	.3	1.4	1.5	.5	.3	.2															39	39	10	
66/ 65					.1	1.3	1.8	.7	.5	.3																41	41	18	
64/ 63					.1	3.1	2.6	2.1	.6																	74	74	18	7
62/ 61			.3	2.4	4.0	3.2	.8	1.2																		104	104	33	8
60/ 59	.1	1.6	4.8	4.6	5.0	3.1	.3																			170	170	53	21
58/ 57		3.7	2.5	3.2	3.1	.7																				115	115	105	33
56/ 55	.1	2.3	2.2	3.7	3.0	.8																				105	105	141	65
54/ 53		1.6	1.0	2.4	.8	.1	.1																			53	53	130	87
52/ 51	.9	2.2	2.1	.2	.5	.1																				52	52	134	122
50/ 49		.5	.6	.8	.1	.2																				19	19	119	99
48/ 47		.1	.3	.1																						5	5	68	86
46/ 45				.1																						1	1	25	120
44/ 43																												7	63
42/ 41		.1																								1	1	6	77
40/ 39																												1	31
38/ 37																													26
36/ 35																													10
34/ 33																													6
32/ 31																													3
30/ 29																													3
28/ 27																													1
TOTAL	1.2	12.4	16.6	24.4	23.2	12.8	5.3	2.3	.8	.5	.6																968		868
																										868		868	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs					
	4036008	57844	66.614	.459	868					
	3174081	52199	60.1	6.352	868		13.3	5.2	.9	90
	2536797	46735	53.8	8.861	868		1.0			90
	2062848	41982	48.4	6.107	868	.7				90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

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Temp. (F)	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL D.B.	TOTAL W.B.	TOTAL	
92/ 91												.1		1	1		
90/ 89											.2	.2		4	4		
88/ 87											.1	.1		2	2		
86/ 85										.1	.1	.2		4	4		
84/ 83											.1	.2	.1	4	4		
82/ 81							.2		.1	.2		.1	.1	7	7		
80/ 79						.1	.5	.6		.2	.7	.2		16	16		
78/ 77							.9	.5	1.3	.2		.1		26	26		
76/ 75						.7	.7	.6	.1	.2	.2			22	22		
74/ 73					.1	.7	2.2	.9	.5	.1	.1			40	40		
72/ 71					.5	.6	1.7	.9	.2					35	35		
70/ 69				.5	.8	2.0	.7	.5	.6	.3				46	46	7	
68/ 67					.9	1.2	.9	.6	.2					33	33	11	
66/ 65			.1	.8	1.4	2.5	1.8	.9						66	66	26	
64/ 63			.5	2.8	5.1	6.2	2.1	.5	.1					150	150	27	2
62/ 61		.8	1.7	2.4	3.8	2.3	2.8	.2						122	122	63	12
60/ 59	.1	2.0	3.0	1.8	3.8	2.5	.6							120	120	76	27
58/ 57		1.0	1.0	2.2	.8	1.6	.5							62	62	129	45
56/ 55	.1	1.2	.7	1.0	1.5	.3	.3							45	45	127	62
54/ 53	.1	1.3	.2	1.5	.3	.2	.1							33	33	136	67
52/ 51	.2	.6	.9	.5	.1	.1	.1							22	22	124	119
50/ 49		.2	.1	.1	.1									5	5	70	62
48/ 47																45	64
46/ 45																14	128
44/ 43																6	57
42/ 41																3	62
40/ 39																1	32
38/ 37																	35
36/ 35																	12
34/ 33																	8
32/ 31																	3
30/ 29																	3
28/ 27																	3
26/ 25																	1

Σx Σx $\bar{x}$ σ_x No. Obs.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION F																									TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18 19	20	21	22 23	24 25	26	27											
22/ 21																												1
TOTAL	.6	7.1	8.4	13.6	19.4	21.2	16.2	6.1	3.1	1.5	1.2	1.4	.2													865	865	865

	Σx^2	Σx	$\bar{x}$	σ_x	N						
	3146569	50361	58.2	15.671	865						
	3582538	55304	63.9	7.349	865			25.0	13.1	3.3	90
	2669561	47855	55.3	5.051	865			1.9			90
	2030392	41524	48.0	6.548	865		1.1				90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUN

	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL		TOTAL	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	D.B.	W.B.
92/ 91																					.1			.1							2		2	
90/ 89																			.2		.2		.2								6		6	
86/ 85																			.3				.3		.1		.2				9		9	
82/ 81											.1		.3		.3		.1		.1		.2										11		11	
80/ 79											.6		.2		.1																8		8	
78/ 77											.7		.5		.6		1.0		.3		.1										28		28	
76/ 75							.1		.1		2.1		1.5		.2		.9		.2												45		45	
74/ 73							.2		.2		2.1		1.6		.3		.1		.3												43		43	
72/ 71					.1		.1		.7		1.3		1.4		.9		.5														43		43	
70/ 69					.2		.2		1.0		.9		1.1		.2		.3														35		35		6	
68/ 67							.1		.7		1.8		1.3		.8		.3														44		44		14	
66/ 65					1.5		2.2		2.6		2.2		.9		.3																85		85		23	2
64/ 63			.2		.9		3.2		4.9		4.5		2.5		.8																149		149		37	4
62/ 61		1.1		.5		2.1		3.0		1.1		1.4		.2																	82		82		78	9
60/ 59	.2	1.1		1.6		1.9		3.6		2.6		.9																			105		105		84	29
58/ 57		1.6		1.3		1.6		1.1		1.5		.3		.2																	67		67		127	37
56/ 55		1.3		1.0		1.3		1.5		.2		.1		.1																	48		48		117	75
54/ 53	.3	1.4		1.4		1.0		.2																							38		38		140	87
52/ 51	.1	1.1		.6		.5		.1																							21		21		112	100
50/ 49																																			76	92
48/ 47																																			44	97
46/ 45																																			6	119
44/ 43		.1																													1		1		4	59
42/ 41		.2																													2		2		3	73
40/ 39																																			1	40
38/ 37																																				32
36/ 35																																				12
34/ 33																																				7
32/ 31																																				3
30/ 29																																				2
28/ 27																																				2
24/ 23																																				1
TOTAL	.7	8.3		7.6		13.5		19.4		17.0		16.6		8.4		3.1		2.2		1.6		.7		.5		.2		.2				872		872	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Median	Mode	Mode Freq	Max	Min	Range	Skew
Dry Bulb	3168927.	50575.	58.0	16.448	872							
Wet Bulb	3677639.	56229.	64.5	7.714	872				28.3.	15.7	3.4.	90
Dew Point	2725624.	48554.	55.7	5.035	872				2.1.			90
	2066774.	42078.	48.3	6.457	872			.8				90

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03649 BRIZE NORTON RAF UK 73-82 JUN

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Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>30	TOTAL DB	TOTAL WB	TOTAL Dew Pt	TOTAL Frost Pt
90/ 89												.1		.1				2	2		
88/ 87											.1	.2						3	3		
86/ 85											.2	.1						3	3		
84/ 83										.1					.1			2	2		
82/ 81									.2	.1								3	3		
80/ 79							.2	.1	.2		.1			.1				7	7		
78/ 77						.1	.2	.5	.5	.2		.1						14	14		
76/ 75						.6	.3	.2	.2	.1								13	13		
74/ 73				.1	.5	.1	1.4	.6	.3	.3	.1							30	30		
72/ 71				.2	1.1	1.2	.9	.3	.2									36	36		
70/ 69			.1	.5	1.2	1.7	1.2	.3	.2	.1								48	48		
68/ 67			.3	.2	1.5	1.0	.2	.1	.1									31	31	14	
66/ 65		.1	.5	1.4	1.7	1.5	1.5	.1		.1								60	60	23	
64/ 63		.6	.9	4.1	3.6	2.5	1.5	.1										117	117	29	3
62/ 61		.5	2.2	2.6	3.2	.7	.3	.1										84	84	66	16
60/ 59	.2	2.3	2.4	4.3	3.2	1.8	.2	.1										128	128	72	33
58/ 57	.1	2.2	1.6	3.0	1.7	1.6	.1											90	90	126	36
56/ 55	.6	2.0	2.4	2.8	1.7		.1											85	85	123	104
54/ 53	.3	1.9	1.7	2.0	.7	.1												60	60	134	89
52/ 51	.2	1.4	1.6	1.2	.2													41	41	113	104
50/ 49	.1	1.0	.6															15	15	101	97
48/ 47			.5		.1													5	5	62	96
46/ 45			.1															1	1	12	117
44/ 43																				4	45
42/ 41		.1	.1															2	2	2	78
40/ 39																				2	29
38/ 37																					19
36/ 35																					6
34/ 33																					5
32/ 31																					2
30/ 29																					3
28/ 27																					1
TOTAL	1.6	12.0	14.9	22.5	20.5	13.0	8.3	2.6	2.0	1.1	.6	.6		.2	.1			880	880	880	880

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Number of Hours with Temperature ≥ 90°F	≥ 85°F	≥ 80°F	≥ 75°F	Total
Dry Bulb	3962251	57409	65.215	7.713	880					
Wet Bulb	3400593	54327	61.7	7.289	880		13.6	7.9	1.9	90
Dew Pt	2674273	48309	54.9	5.034	880		1.4			90
Frost Pt	2153349	43199	49.1	6.101	880	.6				93

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PSYCHROMETRIC SUMMARY

336490 BRIZE NORTON RAF UK 73-82 JUN

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WET BULB TEMPERATURE DEPRESSION

80/ 79								.1							
78/ 77							.1		.1			1	1		
76/ 75						.1	.2	.1				2	2		
74/ 73					.2	.1					.1	4	4		
72/ 71				.1	.5	.1	.1					4	4		
70/ 69			.1	.1	.3	.1		.1				7	7		
68/ 67			.5	.7	.9	.2						7	7		
66/ 65			.9	.5	.5	.6		.1				20	20	2	
64/ 63		1.4	1.6	1.5	.3	.2	.1	.1				22	22	6	
62/ 61		.6	2.3	1.5	1.3	.5						46	46	19	2
60/ 59	.1	3.3	5.0	2.3	1.5	.1	.3					53	53	35	14
58/ 57	.2	4.8	3.9	2.8	.7	.1						111	111	36	34
56/ 55	.9	7.3	4.0	3.9	.3	.1						110	110	75	35
54/ 53	.1	3.8	4.8	1.8	.3							145	145	121	79
52/ 51	.7	4.4	5.9	1.0	.1							95	95	127	97
50/ 49	.1	4.8	3.2	.7								107	107	124	117
48/ 47	.2	1.7	2.2	.3								77	77	154	83
46/ 45		1.4	.8									39	39	93	111
44/ 43		.5	.1	.3								19	19	51	144
42/ 41			.2									8	8	19	61
40/ 39												2	2	11	57
38/ 37														4	19
36/ 35														2	12
34/ 33															8
32/ 31															5
															1
TOTAL	2.4	33.8	35.4	17.5	6.9	2.3	.9	.6	.1		.1		879		879
												879		879	

Element	Σx²	Σx	x̄	σx	No. Obs.						
Rel. Hum.	5529762	68972	78.5	11.582	879						
Dry Bulb	2797925	49333	56.1	5.763	879		4.6	1.1	.1		93
Wet Bulb	2440540	46114	52.5	4.927	879		.2				93
Dew Point	2159320	43290	49.2	5.579	879	.1					93

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036490 BRIZE NORTON RAF UK 73-82 JUN

STATION NAME

 ALL

TEMP °F DB / °F WB	WET BULB TEMPERATURE DEPRESSION (°F) 1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL OBS	TOTAL OBS	TOTAL	
92/ 91												.0		.0				3	3		
90/ 89											.1	.1	.0	.0				12	12		
88/ 87											.0	.0						5	5		
86/ 85										.0	.1	.0	.0	.0	.0			17	17		
84/ 83										.0	.0	.0	.0		.0			7	7		
82/ 81							.0	.1	.1	.1	.0	.0	.0					24	24		
80/ 79						.0	.2	.1	.1	.0	.1	.0		.0				37	37		
78/ 77						.0	.3	.2	.3	.2	.1	.0						78	78		
76/ 75					.0	.2	.4	.3	.1	.2	.1							95	95		
74/ 73				.1	.2	.2	.8	.5	.1	.1	.1							140	140		
72/ 71			.0	.1	.5	.5	.6	.3	.1									142	142		
70/ 69			.1	.2	.5	.7	.4	.2	.2	.1								163	163	13	
68/ 67			.2	.2	.7	.7	.4	.2	.1									180	180	51	
66/ 65		.1	.3	.8	1.0	1.0	.7	.3	.0	.0								297	297	96	2
64/ 63		.5	.7	2.1	2.1	1.9	.8	.2	.0									584	584	148	23
62/ 61	.0	.7	1.5	1.7	1.8	.7	.7	.1										504	504	338	74
60/ 59	.2	2.3	3.1	2.1	2.2	1.3	.3	.0										805	805	387	182
58/ 57	.2	3.4	2.5	1.9	1.0	.7	.1	.0										692	692	698	264
56/ 55	.7	4.8	2.3	2.1	1.1	.2	.1	.0										784	785	870	578
54/ 53	.5	4.5	2.7	1.4	.4	.1	.0											668	668	1065	673
52/ 51	.6	4.3	3.2	.6	.2	.0	.0											624	624	955	902
50/ 49	.3	3.3	1.9	.3	.3	.0												407	407	960	763
48/ 47	.3	3.1	.9	.1	.0													309	309	680	792
46/ 45	.2	2.4	.4	.0	.0													211	211	360	1098
44/ 43	.1	1.0	.1	.0														84	84	194	491
42/ 41	.1	.9	.2															86	86	108	570
40/ 39	.0	.1	.0															11	11	55	247
38/ 37	.0	.1																9	9	21	170
36/ 35		.0	.0															2	2	9	61
34/ 33																				1	48
32/ 31																				1	18
30/ 29																					12
28/ 27																					9
26/ 25																					1

Element	Σx^2	Σx	$\bar{x}$	σ_x	N Obs	Max	Min	Max	Min	Max	Min	Max	Min
						°F	°F	°F	°F	°C	°C	°C	°C

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036490 BRIZE NORTON RAF UK 73-82 JUN

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	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	OBS	MISS
24/ 23																													1
22/ 21																													1
TOTAL	3.	131.	520.	113.	81	1.8	8.5	5.9	2.5	1.1	.7	.5	.3	.1	.1	.0												6981	6983
																												6980	6980

Element	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No Obs	Missing Obs	Max	Min	Mean	Std Dev	Max Hour
Dry Bulb	39251364.	509206.	73.017	9.362	6983						
Dew Point	23919874.	404774.	58.0	8.031	6981				93.1	43.1	9.7	720
Wet Bulb	19715417.	369003	52.9	5.457	6983			.1	6.6			720
Dew Point Depression	16634834	338250	48.5	5.908	6980				4.3			720

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036490 BRIZE NORTON RAF UK 73-82 JUL

T	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
70/ 69						.1	.1				.1	.1																4	4		
68/ 67					.2	.2	.1	.1			.2																	8	8		
66/ 65			.4		.2	.2	.3	.2																				13	13		
64/ 63	.3	1.8	1.7		.3	.1	.2		.1																			41	41	12	5
62/ 61	.7	3.3	1.8		1.2	.1			.1																			65	65	29	19
60/ 59	.6	7.2	6.4		1.6	.1																						140	140	70	40
58/ 57	.3	8.6	5.2		2.2	.1																						148	148	98	70
56/ 55	.7	10.7	6.6		1.3																							173	173	160	93
54/ 53	.2	8.4	5.5		.7																							132	132	175	156
52/ 51	.6	5.1	3.5																									82	82	160	145
50/ 49		3.5	2.1																									50	50	84	133
48/ 47	.1	3.0	.2																									30	31	77	133
46/ 45		1.0																										9	9	29	86
44/ 43		.1																										1	1	2	43
42/ 41																															10
TOTAL	3.5	53.0	33.4		7.9	1.0	.6		.6		.1																		897		896
																												896		696	

	Σx^2	Σx	$\bar{x}$	σ_x	N Obs		
	6511448	75978	84.8	8.765	896		
	2844956	50370	56.2	4.291	897	1.2	93
	2591445	48053	53.6	4.002	896		93
	2401031	46213	51.6	4.422	896		93

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036490 BRIZE NORTON RAF UK 73-82 JUL

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OBS	WBs		
68/ 67						.1																						1	1		
66/ 65			.1	.2																								3	3		
64/ 63	.3	1.9	.2				.1	.1																				24	<4	6	5
62/ 61	.3	1.5	.7	.2	.3																							28	28	24	14
60/ 59	.7	8.2	2.9	.7	.3	.3																						118	118	27	34
58/ 57	.4	9.1	3.7	.8	.1																							127	127	81	44
56/ 55	1.7	9.7	4.1	.3																								143	143	127	96
54/ 53	1.3	10.2	4.0	.3																								143	143	168	117
52/ 51	1.5	10.4	2.0																									126	126	167	150
50/ 49	.8	5.5	.9																									65	66	123	116
48/ 47	.3	8.6	.3																									84	84	86	128
46/ 45	.3	3.4																										34	34	71	120
44/ 43	.2	.4																										6	6	17	58
42/ 41	.1	.1																										2	2	5	22
TOTAL	9.1	69.2	18.9	2.4	.9	.4																						904	905	904	904

	Σx^2	Σx	$\bar{x}$	σ_x	N= Obs	Missing Hrs with Temperature						
						<32 F	32 F	>32 F	>32 F	>32 F	>32 F	Total
Dry Bulb	7369821	79655	88.1	7.523	904							
Wet Bulb	2670609	49031	54.1	4.395	905		.1					93
Wet Bulb	2484911	47241	52.3	4.236	904							93
Dew Point	2343148	45842	50.7	4.525	904							93

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035490 BRIZE NORTON RAF UK 73-82 JUL

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	WET BULB TEMPERATURE DEPRESSION (F)							TOTAL		TOTAL	
72/ 71					.1		.1	2	2		
70/ 69				.1	.2			3	3		
68/ 67			.2	.1	.1	.3		7	7		
66/ 65		.2	1.0	1.1				21	21		
64/ 63	.2	1.4	1.8	2.1	1.0	.2		59	59	10	2
62/ 61	.1	3.0	3.3	1.7	.7	.2		79	79	35	12
60/ 59	.9	7.3	8.6	3.7	1.6	.1		194	194	68	48
58/ 57	.8	6.8	5.4	3.1	.6			146	146	118	75
56/ 55	1.0	7.5	5.5	2.9	.1			149	150	156	114
54/ 53	.7	6.1	5.6	.8				115	115	170	122
52/ 51	.9	3.5	2.1	.3				60	60	172	135
50/ 49	.1	2.2	.6					25	25	99	123
48/ 47	.1	1.1						11	11	35	113
46/ 45	.2	.2						4	4	12	97
44/ 43	.1							1	1	1	25
42/ 41											10
TOTAL	5.3	39.4	34.0	15.9	4.5	.9	.1		877		876
								876		876	

	Σx^2	Σx	$\bar{x}$	σ_x	N OBS		
	6013157	72015	82.2	10.303	876		
	2883187	50155	57.2	4.118	877	1.3	93
	2579520	47424	54.1	3.723	876		93
	2354939	45263	51.7	4.302	876		93

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026490 BRIZE NORTON RAF UK 73-82 JUL

	WET BULB TEMPERATURE DEPRESSION F												TOTAL		TOTAL	
94/ 93											.2	.1	3	3		
92/ 91									.1		.1		2	2		
90/ 89									.1	.1	.1		3	3		
88/ 87							.3	.2	.3	.1	.2		11	11		
86/ 85						.4	.1	.4	.1				10	10		
84/ 83				.1	.3	1.0	.7	.2	.1				22	22		
82/ 81					1.0	.8	.8	.1					24	24		
80/ 79			.1	1.1	1.3	1.3	1.6	.1					50	50		
78/ 77			.8	1.4	2.9	1.8	.6			.1			68	68	2	
76/ 75		.3	.9	2.7	2.8	2.2	1.1	.2					92	92	17	
74/ 73		1.6	2.3	6.7	4.7	3.9	.8	.1					180	180	60	10
72/ 71		2.0	3.8	3.9	5.1	1.6	.2						148	148	89	20
70/ 69	.2	4.2	3.4	4.6	4.8	1.2							166	166	125	74
68/ 67		1.2	3.2	1.8	1.2	.1							68	68	184	63
66/ 65	.1	1.1	1.8	1.3	.2								41	41	139	110
64/ 63		.4	.8	.1									12	12	146	99
62/ 61			.1										1	1	96	142
60/ 59															37	134
58/ 57															4	96
56/ 55																98
54/ 53																45
52/ 51																33
50/ 49																4
48/ 47																2
46/ 45																1
44/ 43																
TOTAL	.3	10.9	17.2	23.6	24.2	14.3	6.1	1.4	.8	.3	.7	.1	901	901	901	901

	Σx	Σx	x	σx	N: Obs					
	4225763	60477	67.1	13.599	901					
	3523442	56948	63.2	5.167	901		19.9	5.3	.8	93
	2916574	51140	56.8	3.931	901		.2			93
	2422440	46640	51.6	5.236	901					93

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WET BULB TEMPERATURE DEPRESSION F

																TOTAL		TOTAL	
92/ 91														.1	.1	2	2		
90/ 89													.1			1	1		
88/ 87											.1	.3	.3			7	7		
86/ 85											.5	.1	.1	.1		7	7		
84/ 83									.1		.1		.2			4	4		
82/ 81									.2	.2	.1	.1				6	7		
80/ 79							.1	.5	.6	.1	.1					12	12		
78/ 77					.2	1.1	.7	.9	.1	.1						28	28		
76/ 75				.1	.9	1.4	.8	.7	.2							36	36		
74/ 73			.1	.8	.7	1.7	1.7	.8	.1							52	52		
72/ 71			.3	1.0	.9	2.6	1.3			.1						55	56		
70/ 69		.5	.8	2.2	3.4	2.7	.5	.5	.1							93	93		
68/ 67		.1	1.0	2.9	3.8	2.1	.5									90	90	11	
66/ 65	.9	.7	2.3	3.8	2.6	2.6	.8									120	120	52	
64/ 63	.9	.6	3.3	5.0	5.3	1.7										147	147	69	18
62/ 61	1.4	2.2	1.5	4.1	1.6	.6	.1									100	100	106	18
60/ 59	1.8	1.9	1.5	2.7	.8	.1	.1									79	79	150	51
58/ 57	.9	.8	.6	.1												21	21	166	67
56/ 55		.7	.8													13	13	124	131
54/ 53	.1															1	1	109	86
52/ 51																		69	125
50/ 49																		13	102
48/ 47																		3	91
46/ 45																			112
44/ 43																			42
42/ 41																			51
40/ 39																			5
38/ 37																			2
34/ 33																			2
32/ 31																			1
30/ 29																			1
TOTAL	6.1	7.4	12.2	22.8	20.3	16.8	6.9	3.8	.9	1.1	.5	.3	.2	.1			875		874
																874		874	

	3159921	50997	58.3	14.530	874	
	3959955	58641	66.9	6.272	876	
	2957726	50718	58.0	4.086	874	
	2298321	44557	51.0	5.545	874	

		41.9	16.6	3.8	93
		1.2			93
.2					93

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WET BULB TEMPERATURE DEPRESSION (F)

														Total		Total	
92/ 91										.1		.3		4	4		
90/ 89										.2	.4			6	5		
88/ 87									.2	.1	.3	.2		8	8		
86/ 85									.1		.1	.1		3	3		
84/ 83								.1	.2	.2	.1			6	6		
82/ 81							.2	.3	.1					6	6		
80/ 79						.2	1.0	.6	.2					18	18		
78/ 77				.1	.2	.6	1.2	1.9	.2	.1				39	40		
76/ 75				.2	.8	1.9	1.8	.6	.2	.1				50	50		
74/ 73			.3	.3	1.0	2.5	3.6	1.0	.2					84	84		
72/ 71			.2	1.2	1.2	2.8	.8	.2						58	58		
70/ 69			1.1	2.8	1.9	2.7	.8	.2						85	85	2	
68/ 67		.1	.3	2.5	5.0	2.8	.7	.1						104	104	17	
66/ 65	.4	.8	2.2	2.4	3.5	3.1	.8							120	120	46	1
64/ 63	.6	.6	2.8	4.1	5.3	2.1	.1							140	140	77	7
62/ 61	1.2	1.8	1.4	2.7	1.4	.7	.1							84	84	136	16
60/ 59	1.9	.7	1.5	1.1	.3	.1								51	51	150	47
58/ 57	1.1	.7	.7	.1										23	23	183	81
56/ 55	1.0	.3	.3											15	15	115	103
54/ 53		.1												1	1	123	104
52/ 51																44	117
50/ 49																11	114
48/ 47																1	99
46/ 45																	117
44/ 43																	44
42/ 41																	36
40/ 39																	9
38/ 37																	9
32/ 31																	1
TOTAL	6.2	5.0	13.9	17.6	20.7	19.6	11.0	4.9	1.1	.8	.7	1.0	.7		906		905
														905		905	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.				
	3073886	51020	56.4	14.785	905				
	4222231	61565	68.0	6.542	906	48.5	23.1	4.2	93
	3099759	52843	58.4	3.971	905	2.0			93
	2372480	46088	50.9	5.301	905	.1			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUL

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	OBS	OBS		
90/ 89																							.2			2	2		
88/ 87																							.1			1	1		
86/ 85																						.1		.1		2	3		
84/ 83																				.2	.1	.1				4	4		
82/ 81										.1					.3	.1					.1					6	7		
80/ 79									.1					.2	.2	.1										6	6		
78/ 77											.7	1.0		.6	.3											23	23		
76/ 75								.1	.7		.9		.2	.1	.1											19	20		
74/ 73						.2		.2	.9		1.1	1.1	.1													33	33		
72/ 71						.2		.9	1.7		2.0		.9													51	51		
70/ 69				.2		.8		1.6	3.0		2.0		.1		.1											70	70	2	
68/ 67				.2		2.1		2.4	3.3		.8		.2		.1											81	81	4	
66/ 65			.2	1.4		2.9		3.8	2.6		.9															104	104	30	1
64/ 63			.6	1.4		6.1		5.0	3.4		1.2															156	156	63	7
62/ 61		1.4	2.5		2.1		4.0		1.2		.3															102	102	110	16
60/ 59	.3	4.0		2.9		4.5		2.4	1.1		.2		.1													138	138	154	68
58/ 57	.1	1.0		1.6		1.9		.5																		45	45	190	80
56/ 55		1.0		2.0		.6																				32	32	122	125
54/ 53		.3		.6																						8	8	119	92
52/ 51		.2																								2	2	81	144
50/ 49																												17	97
48/ 47		.1																								1	1	3	115
46/ 45																												1	77
44/ 43																													25
42/ 41																													29
40/ 39																													5
38/ 37																													3
36/ 35																													1
34/ 33																													1
TOTAL	.5	8.8	12.8	21.6	23.8	18.1	10.3	4.0	1.6	.7	.2	.3	.5	.1												586	889	896	886

Σx	Σx^2	$\bar{x}$	s_x	N OBS					
3818402	56740	64.0	14.448	886					
3787563	57771	65.0	6.129	889	31.5	10.4	2.1		93
2949165	50997	57.6	3.955	886	.6				93
2396585	45867	51.8	4.999	886					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUL

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	OBS	MEN	OBS	MEN
78/ 77												.1	.1	.2												4		4	
76/ 75												.1														1		1	
74/ 73				.1			.3	.2		.2		.2	.2	.1												11		11	
72/ 71							.3	.3		.1		.2														9		9	
70/ 69						.2	.4	.2		.1																9		9	1
68/ 67					.4	.6	1.2	.2																		22		22	1
66/ 65			.4		.9	2.0	.8	.9		.1																46		46	5	
64/ 63			1.9	3.6	4.5		.4	.3		.1																97		97	26	4
62/ 61		.1	2.2	5.7	3.6	1.2	.1																			116		117	62	13
60/ 59		.4	7.2	10.7	4.7	1.9	.1																			223		223	94	71
58/ 57		.1	5.4	5.2	3.7	.6																				133		133	163	86
56/ 55		.3	3.5	5.7	3.2	.2																				114		114	183	130
54/ 53			2.0	3.7	1.6	.1																				66		66	122	122
52/ 51			1.2	1.6	.4																					29		29	131	137
50/ 49			.4	.4																						8		8	76	95
48/ 47			.3																							3		3	23	108
46/ 45																													5	61
44/ 43																														25
42/ 41																														15
40/ 39																														1
38/ 37																														2
TOTAL		1.0	24.	7.3	8.0	24.	4.	7.6	2.5		.9		.6		.3												892		891
																										891		891	

	Σ_X	Σ_X	$\bar{X}$	σ_x	NO OBS	MEN			
	5444925.	68989.	77.4	10.768.	891				
	3167599.	52993.	59.4	4.657.	892	5.8.	1.7		93
	2744249.	49323.	55.4	3.949.	891	.1.			93
	2439712.	46444.	52.1	4.594.	891	.1			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 JUL

 ALL

	WET BULB TEMPERATURE DEPRESSION F																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
92/ 91														.0		.1	.0		6	6		
90/ 89														.0	.1				9	9		
88/ 87													.0	.1	.1	.0			16	16		
86/ 85													.1	.0	.0	.0			12	13		
84/ 83											.0	.0	.1	.1	.1				17	17		
82/ 81									.0	.0	.1	.1	.2	.0					20	22		
80/ 79								.0	.0	.2	.2	.1	.0						39	39		
78/ 77							.0	.1	.4	.4	.5	.1	.1						105	106		
76/ 75							.1	.4	.5	.4	.7	.1	.0						116	117		
74/ 73					.0	.1	.3	.5	.8	.9	.3	.0							202	202		
72/ 71						.1	.6	.6	1.1	.4	.0		.0						199	200		
70/ 69					.1	.5	1.1	1.2	1.1	.2	.1	.0							314	314	5	
68/ 67					.3	.7	1.5	1.8	.8	.2	.0	.0							381	381	34	1
66/ 65			.4		.8	1.7	1.7	1.5	1.0	.2									519	519	150	2
64/ 63	.1	1.3	1.5	3.2	2.6	2.3	.8	.0											844	844	325	58
62/ 61	.2	2.0	2.7	2.0	2.3	.8	.2	.0											722	723	591	124
60/ 59	.4	5.2	4.7	2.8	1.9	.5	.1	.0											1109	1109	638	433
58/ 57	.2	4.3	3.2	1.8	.4	.0													711	711	1175	566
56/ 55	.5	4.3	3.3	1.3	.1														580	581	1126	872
54/ 53	.3	3.4	2.5	.4	.0														478	478	1134	898
52/ 51	.4	2.6	1.1	.1															300	300	920	1075
50/ 49	.1	1.5	.5																148	149	460	864
48/ 47	.1	1.7	.1																129	130	232	853
46/ 45	.1	.6																	47	47	118	788
44/ 43	.0	.1																	8	8	20	302
42/ 41	.0	.0																	2	2	5	206
40/ 39																						25
38/ 37																						18
36/ 35																						1
34/ 33																						4
32/ 31																						2
30/ 29																						1
TOTAL	2.3	27.4	20.8	14.8	12.4	9.7	6.8	3.0	1.4	.4	.4	.2	.3	.1	.0					7143		7133
																			7133		7133	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs					
	39317343	515871	72.3	16.782	7133					
	27159542	437444	61.2	7.198	7143			150.2	57.0	10.9	744
	22323349	397739	55.8	4.513	7133			4.1			744
	19026712	366754	51.4	4.904	7133		.3	.1			744

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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TEMP (F) DB/WB	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	TOTAL D.B.	TOTAL W.B.	TOTAL	
76/ 75						.1		1	1		
74/ 73					.1			1	1		
70/ 69			.2					2	2		
68/ 67			.2	.2	.1			5	5	1	
66/ 65		.6	.5	.1	.2		.1	15	15	4	2
64/ 63		3.4	.8	.8	.1	.5		49	49	15	7
62/ 61	.5	5.1	1.5	1.5	.2			77	77	44	22
60/ 59	1.1	10.7	5.1	2.0	.3	.1		171	171	76	71
58/ 57	1.3	10.2	3.7	1.0	.6			146	146	131	71
56/ 55	1.6	9.5	4.5	.7				144	144	161	140
54/ 53	.5	5.8	4.3	.2				95	96	148	124
52/ 51	.1	6.4	2.5					79	79	109	123
50/ 49		4.0	1.5	.1				49	49	94	92
48/ 47	.1	3.3	.3					33	33	56	105
46/ 45		1.2	.1					12	12	30	69
44/ 43		.1						1	1	10	39
42/ 41		.1						1	1	2	13
40/ 39											3
TOTAL	4.9	60.6	25.3	6.7	1.7	.7	.1		882		861
								881		881	

ELEMENT	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS	MEAN NO. OF HOURS WITH TEMPERATURE		
REL HUM	6564269.	75661.	85.9	8.669.	881			
DRY BULB	2529301.	49797.	56.5	4.495.	882	.9	.2	93
WET BULB	2598928.	47594.	54.1	4.390.	881	.1		93
DEW POINT	2423368.	46014.	52.2	4.849.	881			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

136490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																								TOTAL OBS	TOTAL MISS	TOTAL OBS	TOTAL MISS
74/ 73					.1																				1	1		
72/ 69				.1																					1	1		
68/ 67				.1																					1	1		
66/ 65																											2	
64/ 63	.1	2.4	.7																						29	29	4	3
62/ 61	.4	3.5	.4	.2																					42	42	37	15
60/ 59	2.4	9.0	3.4	.2	.2	.1																			139	139	57	69
58/ 57	1.4	11.0	2.2	2.9	.6	.2																			138	138	93	71
56/ 55	2.5	10.9	2.3	.9																					151	151	149	112
54/ 53	1.1	8.2	2.4	.2																					108	108	165	129
52/ 51	1.2	7.6	1.9																						97	97	113	130
50/ 49	.4	6.4	.6																						67	67	117	79
48/ 47	1.0	5.4	.8	.1																					66	66	77	113
46/ 45	.5	3.6	.1																						39	39	54	111
44/ 43	.7	1.8																							22	22	26	37
42/ 41		.4																							4	4	12	29
40/ 39																											2	6
38/ 37																												1
TOTAL	11.9	69.5	15.7	2.2	.6	.1																				905		905
																									905		905	

	Σx	Σx^2	$\bar{x}$	s_x	N OBS	MISSING OBS					
	7323784	811588	89.7	7.114	905						
	2700493	492477	54.4	4.778	905			.3	.1		93
	2540602	477628	52.8	4.705	905						93
	2418262	465688	51.5	4.938	905						93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036493 BRIZE NORTON RAF UK 73-82 AUG

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WET BULB TEMPERATURE DEPRESSION (F)

[illegible]	0	1-2	3-4	5-6	7-8	9-10	11-12	[illegible]	[illegible]	[illegible]	[illegible]
74/ 73						.1		1	1		
70/ 69			.2		.1			3	3		
68/ 67			.1	.1				2	2		
66/ 65		.3	.6	.3	.1	.1		13	13	3	
64/ 63		3.6	1.3	.7	.1	.1	.1	52	52	9	5
62/ 61	.3	4.2	2.4	1.0	.6			75	75	52	24
60/ 59	1.3	9.6	7.4	1.5	.6			178	178	65	71
58/ 57	1.3	9.8	3.6	1.8	.1			146	146	112	73
56/ 55	2.0	10.2	3.9	1.1				152	152	185	125
54/ 53	1.4	6.7	2.7	.3				98	98	163	142
52/ 51	.8	5.3	1.4	.1				67	67	176	144
50/ 49	.5	3.3	1.1	.1				44	44	31	88
48/ 47	.7	1.9						23	23	46	98
46/ 45	.2	1.8	.1					19	19	25	73
44/ 43		.2						2	2	4	23
42/ 41	.1	.3						4	4	5	8
40/ 39										1	5
TOTAL	8.5	57.5	24.8	7.2	1.6	.3	.1		879		879
								879		879	

[illegible]	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	[illegible]	[illegible]	[illegible]
[illegible]	6673432.	76226.	86.7	8.877	879			
[illegible]	2810124.	49542.	56.4	4.509	879	.6	.1	93
[illegible]	2592981.	47597.	54.1	4.222	879			93
[illegible]	2430426.	46050.	52.4	4.516	879			93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTA	
-6/ 85														.1												1	1		
84/ 83													.1													1	1		
82/ 81												.2														2	2		
80/ 79																.1										1	1		
78/ 77							.1	.2	.3			.3	.1													10	10		
76/ 75					.1	.1	.4	.4					.1													11	11		
74/ 73				.1	.4	.3	.3	.4	.2	.1	.1															19	19		
72/ 71			.1	.3	.9	.3	.2	.6																		22	22		
70/ 69		.1	.3	.7	1.3	1.3	1.0		.2																	45	45	1	
68/ 67			.7	1.2	2.3	2.3	.2																			61	61	9	
66/ 65		.9	2.7	2.5	3.2	2.2	.9																			111	111	16	2
64/ 63	.1	2.3	2.8	6.4	5.2	3.1	.2	.1																		182	182	56	16
62/ 61		2.0	4.0	5.2	5.0	.9	.3	.1																		158	158	94	27
60/ 59	.1	4.0	5.5	4.5	3.3	.4	.1																			161	161	113	64
58/ 57	.1	1.9	2.2	1.9	.2																					57	57	204	83
56/ 55		2.5	1.0	.8																						38	38	177	135
54/ 53	.3	.6	.2																							10	10	141	113
52/ 51		.3	.1																							4	4	53	154
50/ 49		.2																								2	2	22	101
48/ 47																													78
46/ 45																													91
44/ 43																													21
42/ 41																													11
40/ 39																													4
38/ 37																													3
36/ 35																													2
32/ 31																													1
TOTAL	.7	14.	8	19.	6	23.	5	22.	2	11.	3	4.	0	2.	2	.6	.5	.4									896		896
																										896		896	

	Σx^2	Σx	$\bar{x}$	σ_x	NO. OBS				
	4496799.	62207.	69.414	.100	896				
	3594737.	56577.	63.1.	4.985.	896	18.0	4.7	.5	93
	2941723	51232	57.2	3.714	896	1.0			93
	2485009	46969	52.4	5.054	896	.1			93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
90/ 89																		.1	.3							4	4		
88/ 87																	.1	.1								2	2		
86/ 85																	.2									2	2		
84/ 83																.1				.1	.2					4	4		
82/ 81											.1		.1		.3				.2		.3					10	10		
80/ 79											.1		.3		.3						.2					9	9		
78/ 77									.3		.6		1.9		.9		.7	1.0		.4	.2					54	54		
76/ 75							.6		1.1		.4		.9		.2		.3									32	32		
74/ 73					.3		.8		1.5		.7		1.5		1.0											51	52		
72/ 71				.2		.3		1.3		1.5		2.0		1.7		.4										67	67		
70/ 69			.1		.3		.7		2.5		4.3		2.8		1.0		.1									105	105	4	
68/ 67				.4		1.3		1.9		3.8		2.9		.8												100	100	26	
66/ 65			.4		1.0		2.8		2.2		4.6		2.9		.2											127	127	40	4
64/ 63			.6		.9		3.0		3.6		6.3		1.6		.1											143	143	74	15
62/ 61		.1	1.5		.9		2.1		2.7		1.3		.4													81	81	113	27
60/ 59		.3	1.5		2.7		1.2		1.0		.3															61	61	138	72
58/ 57			.9		.7		.6																			19	19	188	77
56/ 55		.4	1.0		.3				.1																	17	17	159	88
54/ 53		.1		.1																						2	2	105	89
52/ 51																												39	123
50/ 49				.1																						1	1	5	88
48/ 47																													92
46/ 45																													101
44/ 43																													54
42/ 41																													42
40/ 39																													6
38/ 37																													3
36/ 35																													3
32/ 31																													1
30/ 29																													1
TOTAL	1.0	6.2	7.5	12.2	16.7	25.0	14.6	8.5	3.5	1.3	1.5	1.5	.4														892		891
																										891		891	

	Σx	Σx^2	$\bar{x}$	s_x	N Obs	Min	Max	Mean		
	3271543.	52163.	58.515	5.640.	891					
	4380377.	60385.	67.4.	6.091.	892		46.0.	17.6	3.0.	93
	3053028.	52038.	58.4.	3.938.	891		3.1.			93
	2379429.	45759.	51.4	5.746.	891	.2				93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL	TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27				
92/ 91																			.1							1	1		
90/ 89																		.1	.1	.2						4	4		
88/ 87																		.1	.3		.2					6	6		
86/ 85																				.1						1	1		
84/ 83																	.1	.2			.2					5	5		
82/ 81											.1		.6		.3		.2	.1	.3		.1					16	16		
80/ 79											.1		.2		.2		.3	.2	.2	.4	.1					17	17		
78/ 77									.7		.8		1.2		1.9		.7	.9	.7							51	61		
76/ 75								.7		1.1		1.0		1.1		1.0		.4								48	48		
74/ 73							.1		.2		1.0		1.7		1.9		1.7									59	60		
72/ 71				.2		.4		1.5		1.2		2.1		1.3		.8		.1								69	69		
70/ 69			.1		.1		.8		2.4		2.4		1.9		1.6		.2									84	84	3	
68/ 67					.4		.3		1.7		3.4		2.5		.9											82	82	29	
66/ 65			.9		1.0		2.0		1.9		5.3		3.4													129	129	41	2
64/ 63	.2		2.2		.7		3.9		3.4		4.7		1.5													148	148	79	17
62/ 61	.2		.9		.9		1.5		2.5		1.7															58	69	119	38
60/ 59	.3		1.7		1.9		1.6		.8		.1															57	57	145	55
58/ 57	.1		1.1		.8		.4																			22	22	198	63
56/ 55	.1		.8		.1		.1																			10	10	154	88
54/ 53	.1		.2																							3	3	94	78
52/ 51			.1																							1	1	31	118
50/ 49																												3	98
48/ 47																													106
46/ 45																													105
44/ 43																													49
42/ 41																													45
40/ 39																													6
38/ 37																													2
36/ 35																													4
34/ 33																													1
32/ 31																													3
28/ 27																													1
TOTAL	1.1		8.1		6.2		11.2		14.9		21.5		15.0		8.9		6.2	1.9	1.7	1.8	.8		.7				892		891
																										891		891	

	Σx	Σx^2	$\bar{x}$	σ_x	N	O-A					
	32002.4	51166	57.417	9.159	891						
	41654.3	60679	68.2	6.513	892		47.3	22.8	5.1		93
	30737.5	52219	58.6	3.874	891		3.3				93
	23658.8	456.4	51.2	5.972	891	.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03649 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																					TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	OBS		OBS	
86/ 87														.1			.1					2	2		
84/ 85														.1	.1			.1				3	3		
82/ 83														.2	.1							3	3		
80/ 81										.1							.2			.1		4	4		
78/ 79									.1	.3	.2											6	6		
76/ 77								.2	.6	.5	.3	.5	.9	.1								27	27		
74/ 75							.3	.2	.8	.8	.3	.3		.1								26	26		
72/ 73					.5	.1	.7	1.0	.3	1.1	.1											34	34		
70/ 71					.5	1.5	.7	.7	1.0	.3												41	41		
68/ 69				.1	1.0	1.1	2.0	2.2	.9													65	66	3	
66/ 67			.3	.8	1.2	1.2	2.0	1.0	.8													56	67	16	
64/ 65			.3	2.2	1.9	2.0	1.9	1.4														86	86	29	1
62/ 63			2.5	2.4	6.7	4.2	3.4	.2														171	171	66	16
60/ 61		.1	2.2	2.2	3.1	3.5	.6	.1														103	103	91	42
58/ 59		.3	3.6	4.4	4.1	2.0	.3															131	131	134	64
56/ 57		.1	2.4	2.2	2.2																	60	60	174	72
54/ 55		.5	1.5	1.0	1.0	.1																36	36	173	97
52/ 53			.6	.6	.3																	13	13	125	108
50/ 51			.3		.1																	4	4	51	125
48/ 49																								17	80
46/ 47																								2	104
44/ 45																									87
42/ 41																									36
40/ 39																									24
38/ 37																									4
34/ 33																									1
TOTAL	1.0	13.7	15.8	22.6	16.2	12.1	8.1	4.8	2.4	1.4	1.1	.5	.1	.1									883		881
																						881		881	

	Σx	Σx	$\bar{x}$	σ_x	N OBS					
	4123540	58493	66.416	.527	881					
	3717452	57032	64.6	6.192	883			29.4	11.1	1.7	93
	2941957	50793	57.7	3.924	881			2.0			93
	2426898	45996	52.2	5.383	881						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

026490 BRIZE NORTON RAF UK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION											
78/ 77						.2	.1			3	3	
76/ 75					.1				.1	2	2	
74/ 73				.1	.3		.1		.1	.1	7	7		
72/ 71					.3		.2				5	5		
70/ 69			.4	.6	.4	.4	.2		.1		20	20		
68/ 67		.1	.3	.6	.2	.9	.6	.2			26	26	2	
66/ 65		1.2	1.0	1.0	.9	.3	.6	.1			46	46	15	1
64/ 63		2.9	3.8	3.3	1.2	.9					108	108	26	13
62/ 61	.6	2.9	5.3	2.9	1.7	.4					123	123	65	25
60/ 59	.6	8.1	7.5	4.2	.8	.3					191	191	96	62
58/ 57	.4	6.3	5.6	1.9	.2						129	129	154	75
56/ 55	.8	5.2	4.4	2.0							110	110	183	141
54/ 53	.2	2.8	3.0	.3							57	57	151	108
52/ 51	.2	1.8	2.9								44	44	95	128
50/ 49		1.0	.7								15	15	69	108
48/ 47		.4	.1								5	5	27	93
46/ 45													6	77
44/ 43														25
42/ 41														14
TOTAL	2.8	32.8	35.1	16.8	5.2	3.5	1.9	.4	.2	.2		891		891
											891		891	

Σx	Σx^2	$\bar{x}$	s_x	N	$\bar{x}_w$		
5668356	702e4	78.911	1.962	891			
3164272	52920	59.4	4.874	891	5.6	1.3	93
2767551	49525	55.6	4.074	891	.2		93
2479975	46817	52.5	4.741	891			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 AUG

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WET BULB TEMPERATURE DEPRESSION (F)

92/ 91												.0			1	1		
90/ 89											.0	.1	.0		8	8		
88/ 87										.0	.0	.1		.0	10	10		
86/ 85										.1	.0		.0		7	7		
84/ 83									.0	.0	.0	.0	.0	.0	13	13		
82/ 81							.0	.1	.1	.0	.0	.1		.0	32	32		
80/ 79							.0	.1	.1	.0	.0	.1	.1	.0	33	33		
78/ 77						.2	.3	.5	.4	.3	.4	.2	.0		155	155		
76/ 75					.2	.4	.3	.4	.2	.2	.0	.0			120	120		
74/ 73				.1	.3	.4	.5	.5	.5	.0	.0				173	175		
72/ 71			.1	.2	.7	.5	.7	.6	.2	.0					204	204		
70/ 69		.0	.2	.5	1.0	1.3	1.0	.4	.1						325	326	11	
68/ 67		.1	.4	.6	.9	1.6	.9	.3							343	344	53	
66/ 65		.6	1.1	1.3	1.3	1.8	1.2	.0							527	527	150	12
64/ 63	.1	2.5	1.7	3.1	2.2	2.4	.4	.0							882	882	329	102
62/ 61	.3	2.9	2.2	2.2	2.0	.6	.1	.0							727	727	615	220
60/ 59	.8	6.0	4.7	2.4	1.1	.2	.0								1089	1089	619	568
58/ 57	.5	5.3	2.7	1.3	.2										717	717	1254	583
56/ 55	1.0	5.2	2.2	.8	.0										659	659	1341	896
54/ 53	.5	3.1	1.7	.2											386	387	1092	891
52/ 51	.3	2.7	1.1	.0											296	[illegible]	624	1050
50/ 49	.1	1.9	.5	.0											178	178	408	734
48/ 47	.2	1.4	.2	.0											127	127	210	789
46/ 45	.1	.8	.0												70	70	117	714
44/ 43	.1	.3													25	25	40	265
42/ 41	.0	.1													9	9	19	186
40/ 39																	3	35
38/ 37																		10
36/ 35																		9
34/ 33																		3
32/ 31																		5
30/ 29																		1
28/ 27																		1

Σx Σx $\bar{x}$ σ_x N OBS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

026490 BRIZE NORTON RAF UK 73-82 AUG

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TOTAL	4.032.918.712.810.0 9.3 5.5 3.1 1.6 .7 .6 .5 .2 .1	7120 7115	7115 7115

41328007	527335	74.1	17.761	7115					
27062249	435379	61.2	7.289	7120		149.2	57.9	10.3	744
22510612	398860	56.1	4.606	7115		9.8			744
19409855	369777	52.0	5.195	7115	.7				744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

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WET BULB TEMPERATURE DEPRESSION

66/ 65		.2				2	2		
64/ 63	.1	1.3	.5			16	16	3	1
62/ 61	.3	3.2	.7	.1		38	39	22	11
60/ 59	1.4	5.7	2.8	.2		89	89	47	40
58/ 57	.6	5.3	3.4	.3		85	85	65	37
56/ 55	1.5	10.1	1.8	.3		121	121	102	75
54/ 53	1.3	10.1	3.9	.1		135	135	150	114
52/ 51	1.3	6.7	2.8	.1		96	96	123	135
50/ 49	.7	7.7	3.3	.2		105	105	121	68
48/ 47	.7	5.9	1.2			67	67	124	95
46/ 45	1.3	7.2	.7			80	80	93	115
44/ 43	.5	2.4				25	25	57	72
42/ 41	.2	1.1	.1			13	13	21	57
40/ 39		.5				4	4	7	13
38/ 37		.1				1	1	4	10
36/ 35		.2				2	2	2	3
34/ 33									3
TOTAL	9.7	67.8	21.0	1.5			879		879
						879		879	

Σx^2	Σx	$\bar{x}$	s_x	N	
6923131	77761	88.5	6.832	879	
2481636	46462	52.9	5.189	879	90
2319603	44928	51.1	5.142	879	90
2187158	43584	49.6	5.453	879	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03690 BRIZE NORTON RAF UK 73-82 SEP

64/ 63	.1	.8					8	8	1	1
62/ 61	.5	3.3	.1				34	34	11	9
60/ 59	1.0	5.0	1.0	.1			63	63	45	38
58/ 57	.9	6.2	1.6	.1			77	77	47	41
56/ 55	1.6	8.4	1.0	.5			101	101	77	63
54/ 53	1.0	7.4	1.3	.2			87	87	128	78
52/ 51	2.6	7.1	3.3				114	114	134	120
50/ 49	1.7	7.8	2.1	.2			103	103	108	82
48/ 47	2.4	7.2	.3				87	87	112	94
46/ 45	1.7	7.6	.8				89	89	84	137
44/ 43	1.6	4.3	.3				55	55	76	79
42/ 41	1.6	3.2					42	42	46	74
40/ 39	.1	1.3					12	12	20	35
38/ 37	.2	.3					5	5	13	16
36/ 35									3	5
34/ 33										3
TOTAL	17.1	69.9	11.9	1.1				877		877
							877		877	

	7250974	79532	90.7	6.630	877
	2334467	44983	51.3	5.573	877
	2209898	43760	49.9	5.489	877
	2107113	42635	48.7	5.713	877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

WET BULB TEMPERATURE DEPRESSION F						
66/ 65			.1		1	1
64/ 63		1.0	.1	.3	13	13
62/ 61	.5	2.2	.5	.1	28	29
60/ 59	1.0	6.5	2.0	.5	86	86
58/ 57	.8	6.7	2.4		66	86
56/ 55	2.0	6.1	2.2	.8	113	113
54/ 53	2.1	7.3	1.6	.2	97	97
52/ 51	1.6	6.0	3.2	.2	113	113
50/ 49	1.2	6.1	2.2	.1	93	93
48/ 47	1.8	6.2	1.5	.3	96	96
46/ 45	1.3	6.4	.5		70	70
44/ 43	.9	3.9			42	42
42/ 41	1.2	2.3			30	30
40/ 39	.5	.9			13	13
38/ 37	.2	.3			5	5
36/ 35						3
34/ 33						
TOTAL	15.1	65.9	16.3	2.7		866
					866	

	Σx	Σx^2	$\bar{x}$	s_x	N Obs	
	6992220	77548	89.5	7.449	866	
	2374448	45292	52.1	5.539	866	90
	2230211	43699	50.5	5.390	866	90
	2114386	42510	49.1	5.655	866	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

	WET BULB TEMPERATURE DEPRESSION F								TOTAL	TOTAL		
78/ 77						.1			1	1		
76/ 75						.1	.1		2	2		
74/ 73					.1	.1			2	2		
72/ 71					.1	.3			4	4		
70/ 69				.3	.3	.3	.1	.1	11	11		
68/ 67			.1	.2	.5	.6	.1		13	13		
66/ 65		.2	1.3	1.4	1.4	1.1			47	47	4	
64/ 63		2.9	2.2	5.0	3.1	1.4	.2		129	129	12	3
62/ 61	.1	1.7	2.9	3.3	3.2	.2	.1		131	131	56	13
60/ 59	.3	5.0	6.4	5.5	3.7	.3			186	186	68	48
58/ 57	.2	4.1	3.5	3.8	1.4	.2			116	116	133	66
56/ 55	.5	3.4	3.8	2.9	.9	.1			101	101	155	89
54/ 53	.3	1.8	1.6	1.6	.7				53	53	145	93
52/ 51	.7	1.5	2.6	1.7	.1				58	58	118	125
50/ 49		.5	2.6	.6					32	32	76	93
48/ 47	.2	.8	.2	.1					12	12	65	109
46/ 45	.1	.5	.1						6	6	35	112
44/ 43		.2							2	2	7	51
42/ 41											2	48
40/ 39												16
38/ 37												9
36/ 35												1
TOTAL	2.5	22.6	27.3	26.4	15.4	4.7	.9	.2		976		976
									876		876	

	Σx	Σx	$\bar{x}$	σ_x	N	Mean Wet Bulb Temperature		
	5052826	65658	75.0	12.265	876			
	3029034	51324	58.6	5.015	876	3.4	.5	90
	2585387	47431	54.1	4.438	876			90
	2247208	44116	50.4	5.398	876			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

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WET BULB TEMPERATURE DEPRESSION F

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL OBS	TOTAL		
F2/ 81													.1			1	1		
80/ 79											.1	.1	.1			3	3		
78/ 77									.1	.3	.3	.1	.1			9	9		
76/ 75									.2	.3	.2	.1	.1			9	9		
74/ 73							.1	.6	.7			.2	.1			15	15		
72/ 71							.5	.5	1.0	1.0	.1					27	27		
70/ 69				.2	.3	1.0	2.1	.7	.5							42	42	1	
68/ 67				.1	.9	1.7	2.3	1.4	.7							62	62	2	
66/ 65			.3	1.6	2.7	3.1	3.0	1.1	.2							106	106	15	
64/ 63		1.0	2.4	4.2	4.6	6.0	1.9									176	176	32	7
62/ 61	.2	.1	2.3	3.0	4.5	1.7	.1									134	134	81	13
60/ 59		2.4	3.1	4.7	3.2	2.5	1.3									150	150	89	49
58/ 57	.1	.9	1.5	1.3	1.7	1.1										58	58	146	45
56/ 55	.1	1.1	1.3	1.1	1.6	.2										50	50	136	91
54/ 53		.1	.6	1.6	.6											25	25	190	65
52/ 51	.1	.6	1.3	.8												24	24	80	110
50/ 49	.1		.5													5	5	59	84
48/ 47		.3	.2													5	5	65	134
46/ 45		.2														2	2	15	113
44/ 43																		2	63
42/ 41																			76
40/ 39																			21
38/ 37																			25
36/ 35																			7
TOTAL	.7	7.2	15.0	20.7	22.8	20.3	9.0	3.1	.9	.3							873		873
																873		673	

	Σx	Σx	x̄	σx	No Obs	Max Min Mean Temperature				
	3693222	55494	63.6	13.782	873					
	3434157	54533	62.5	5.635	873	17.3	3.8	.4		90
	2697635	48363	55.4	4.592	873	.3				90
	2159185	43095	49.4	6.043	873					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
82/ 81														.1											1	1		
80/ 79													.5	.1											5	5		
78/ 77										.1	.6	.8													13	13		
76/ 75											.5	.2	.2	.3											11	11		
74/ 73									.5	.5			.2												10	10		
72/ 71							.7		.7	.8	1.4		.1												32	32		
70/ 69					.3		.6		2.1	1.9		.7													50	50		
68/ 67				.3		.5	2.4		1.2	2.0		.3		.5											64	64	2	
66/ 65			.5	1.8	1.9		2.4		2.1	1.5		.2													92	92	14	
64/ 63			2.6	1.4	4.4		5.0		5.2	1.7															179	179	36	5
62/ 61			.3	1.8	1.8		4.5		1.4	.8															94	94	75	21
60/ 59	.1		1.4	2.9	5.3		3.6		2.1	1.2															147	147	68	41
58/ 57			1.2	1.2	1.6		1.7		.5																55	55	142	43
56/ 55			1.6	2.0	1.8		1.4		.2																62	62	134	79
54/ 53	.1		.8	1.0	1.0		.3																		29	29	156	82
52/ 51			.3	1.2	.9																				22	22	102	92
50/ 49	.1			1.0	.5																				14	15	59	93
48/ 47			.2	.1	.1																				4	4	55	105
46/ 45			.1																						1	1	19	123
44/ 43																											3	75
42/ 41																												64
40/ 39																												33
38/ 37																												24
36/ 35																												4
34/ 33																												1
TOTAL	.3		9.0	14.8	20.1	22.5	16.2	11.4		4.1	1.2	.3														886		885
																									885		885	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs				
	3741749.	56141	63.414	.285	885				
	3482137.	55295.	62.4	5.937	886	18.9	4.1	.4	90
	2725227.	48939.	55.3	4.634	885	.2			90
	2174264.	43542.	49.2	6.016	885				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

WET BULB TEMPERATURE DEPRESSION F

	1	2	3	4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	TOTAL		TOTAL	
76/ 75							.2	.2									4	4		
74/ 73							.5				.1						5	5		
72/ 71					.1	.1					.1						3	3		
70/ 69					.3	1.1	.1	.6									19	19		
68/ 67				.3	.5	.6	.2	.3	.1								18	18		
66/ 65			.6	.8	1.2	1.0	.8	.5									41	41	5	
64/ 63		.1	3.2	2.2	5.3	2.3	1.0	.3									126	126	23	4
62/ 61		.1	3.0	3.1	2.6	1.5	.3	.3									96	96	58	23
60/ 59			3.1	4.6	7.2	1.7	.9										153	153	59	54
58/ 57		.8	1.5	5.4	2.6	.6	.1										96	96	129	61
56/ 55		.2	3.1	3.2	3.9	.7											97	97	113	60
54/ 53		.1	2.4	3.6	1.6	.5											71	71	154	66
52/ 51		.2	3.0	3.8	1.3	.1											73	73	173	102
50/ 49			.8	3.3	.5												40	40	135	122
48/ 47			.5	1.5	.1												18	18	64	112
46/ 45			.3	.5													7	7	44	98
44/ 43		.1	.5														5	5	11	48
42/ 41			.1														1	1	5	78
40/ 39																				17
38/ 37																				8
TOTAL		1.7	22.0	32.2	27.0	10.2	4.2	2.3	.1	.2								873		873
																	873		873	

	Σx	Σx²	x̄	σx	N	Max	Min	Mean	Mode	
	5045331.	65523.	75.112	.092	873					
	2991545.	50875.	58.3.	5.539.	873		5.1.	.9		90
	2553901.	47031.	53.9.	4.814.	873					90
	2214667	43733	50.1	5.652	873					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

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	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL	
F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	OBS		OBS	
66/ 65			.1	.3	.2																												6	6	1	
64/ 63			3.1	1.1	.6	.2																											44	44	2	3
62/ 61		.3	3.7	2.5	.8																												64	64	38	15
60/ 59		.9	4.9	5.1	2.4	.3																											120	120	56	57
58/ 57		.5	6.2	4.9	1.5	.6																											119	119	67	33
56/ 55		.7	8.6	4.3	1.5	.1																											133	133	117	82
54/ 53		.5	5.1	4.8	.6																												96	96	149	95
52/ 51		.5	4.5	3.4	.6																												78	78	107	123
50/ 49		.1	4.2	4.8	.2																												82	82	107	81
48/ 47		.2	4.2	2.6	.1																												63	63	92	103
46/ 45		.3	3.9	.9																													45	45	78	116
44/ 43		.1	1.3	.2																													14	14	43	65
42/ 41			1.3																														11	11	9	73
40/ 39																																			9	16
38/ 37																																				12
36/ 35																																				1
TOTAL		4.1	51.0	35.2	8.5	1.3																												875		875

	Σx'	Σx	x̄	σx	No Obs	Maximum, Minimum Temperature
	6247520	73568	84.1	8.429	875	
	2627280	47738	54.6	5.108	875	90
	2389105	45529	52.0	5.036	875	90
	2197415	43575	49.8	5.597	875	90

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 SEP

 ALL

	WET BULB TEMPERATURE DEPRESSION F										TOTAL OBS	TOTAL OBS		
82/ 81									.0		2	2		
80/ 79							.0	.1	.0		8	8		
78/ 77						.0	.1	.1	.0	.0	23	23		
76/ 75						.1	.1	.1	.0	.1	26	26		
74/ 73					.0	.2	.2		.1	.0	32	32		
72/ 71				.0	.2	.2	.2	.3	.0		66	66		
70/ 69			.0	.2	.4	.6	.4	.2			122	122	1	
68/ 67			.1	.3	.6	.5	.5	.1	.1		157	157	4	
66/ 65		.2	.7	.9	1.2	.9	.4	.1			295	295	37	
64/ 63	.0	2.0	1.2	2.5	1.9	1.7	.5				691	691	110	.4
62/ 61	.3	2.2	1.7	1.5	1.7	.5	.2				559	559	353	115
60/ 59	.6	4.2	3.5	3.2	1.6	.7	.3				994	994	489	363
58/ 57	.5	4.0	3.0	1.4	.7	.2					692	692	796	369
56/ 55	.8	5.6	2.5	1.6	.6	.1					778	778	926	615
54/ 53	.7	4.4	2.3	.9	.3						593	593	1163	739
52/ 51	.9	3.9	2.7	.7	.0						578	578	612	903
50/ 49	.5	3.4	2.5	.3							464	465	742	739
48/ 47	.7	3.2	.9	.1							342	342	654	866
46/ 45	.6	3.3	.4								300	300	446	933
44/ 43	.4	1.6	.1								143	143	259	619
42/ 41	.4	1.0	.0								97	97	123	552
40/ 39	.1	.3									29	29	52	182
38/ 37	.1	.1									11	11	27	122
36/ 35		.0									2	2	8	25
34/ 33														9
TOTAL	5.4	39.4	21.7	13.5	9.0	5.7	3.0	.9	.3	.1	7004	7005	7004	7004

	Σx	Σx²	x̄	s	N					
	44943973.	551225.	78.714	.934	7004					
	22754704.	396322.	56.6.	5.885.	7005	44.8.	9.4	.8.		723
	19710964.	369660.	52.8.	5.356.	7004	.5.				723
	17475406.	346850.	49.5	5.716.	7004					723

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION

64/ 63		.1				1	1		
62/ 61	.1	.8				6	8	2	1
60/ 59		1.5	.1			15	15	9	8
58/ 57	.5	1.7	1.1			31	31	20	14
56/ 55	.5	4.3	1.1	.2		57	57	29	19
54/ 53	1.4	6.4	.9	.3		83	83	75	57
52/ 51	1.1	7.2	2.0			94	94	85	63
50/ 49	1.6	7.5	1.2			93	93	100	95
48/ 47	1.8	5.9	1.2	.1		83	83	93	82
46/ 45	2.1	10.2	1.3	.2		127	127	94	111
44/ 43	1.2	7.3	1.4			91	91	110	68
42/ 41	3.7	6.7	1.1			106	106	116	153
40/ 39	1.0	3.6	.2			44	44	50	66
38/ 37	2.2	2.3	.2			43	43	55	63
36/ 35	.8	2.0				25	25	34	49
34/ 33	1.2	.5				16	16	23	46
32/ 31	.2	.1				3	3	3	16
30/ 29									3
28/ 27									1
TOTAL	19.5	66.2	11.5	.9			920		920
						920		920	

	7555128	83104	90.3	7.250	920		
	2067363	43227	47.3	6.265	920	.3	93
	1949692	41978	45.6	6.112	920	.3	93
	1842837	40752	44.3	6.439	920	2.0	93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

136490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION F										
64/ 63		.1				1	1		
62/ 61	.1	.7	.2			9	9	2	2
60/ 59		.8	.1			8	8	7	5
58/ 57	.1	1.8	.7			24	24	9	5
56/ 55	1.5	4.2	.3			56	56	74	43
54/ 53	1.3	4.9	.7			60	60	72	43
52/ 51	1.3	5.4	1.1	.1		73	73	89	54
50/ 49	2.4	4.7	1.3	.1		75	75	91	57
48/ 47	2.6	7.0	1.2			100	100	98	62
46/ 45	3.5	10.2	1.3	.1		139	139	112	165
44/ 43	1.7	5.7	1.3			78	78	106	69
42/ 41	3.3	7.9	1.2			110	110	100	142
40/ 39	2.3	4.7	.3			64	64	64	76
38/ 37	3.6	2.1	.1			53	53	85	66
36/ 35	2.3	3.3				46	46	49	65
34/ 33	.9	.8				15	15	33	43
32/ 31	.1	.3				4	4	6	19
30/ 29	.4	.3				7	7	7	14
28/ 27									3
TOTAL	26.1	64.6	8.9	.3			922		922
						922		922	

	7789913	845.3	91.7	6.994	922		
	1975577	42259	45.8	5.480	922	1.1	93
	1878196	41202	44.7	6.336	922	1.3	93
	1788146	40148	43.5	6.584	922	3.6	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03649 BRIZE NORTON RAF UK 73-82 OCT

WET-BULB TEMPERATURE DEPRESSION (°C)

64/ 63		.1				1	1		
62/ 61		.7				6	6	1	
60/ 59		.8	.3			10	10	6	4
58/ 57	.4	1.9	.7			27	27	12	13
56/ 55	1.1	4.9	.7	.1		62	62	33	26
54/ 53	1.1	4.5	.5	.1		57	57	75	46
52/ 51	1.7	5.3	1.0	.3		77	77	65	68
50/ 49	2.0	5.2	1.3	.2		80	80	93	53
48/ 47	3.4	6.8	1.3	.3		108	108	99	89
46/ 45	3.3	8.4	1.4	.1		121	121	99	123
44/ 43	1.4	6.5	.4			77	77	123	63
42/ 41	3.7	8.9	.4			120	120	106	143
40/ 39	2.0	3.3	.2	.2		52	52	76	76
38/ 37	3.8	2.5	.2			60	60	59	66
36/ 35	1.0	2.3				30	30	41	46
34/ 33	1.5	.6				21	21	36	38
32/ 31	.2	.1				3	3	6	2
30/ 29		.2				2	2	2	7
28/ 27	.3					3	3	3	6
26/ 25									2
TOTAL	26.9	63.1	8.5	1.4			917		917
						917		917	

	7673779	83533	91.2	7.512	917		
	1985739	42257	46.1	6.483	917	.8	93
	1882547	41143	44.9	6.320	917	1.1	93
	1785745	40013	43.6	6.591	917	3.9	93

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68/ 67					.1	1	1		
64/ 63		.1	.3	.9		12	12		
62/ 61		.7	.9	.3		17	17	1	
60/ 59	.2	1.3	2.7	1.4	.3	54	54	10	5
58/ 57	.2	4.1	1.6	1.2	.7	66	66	24	15
56/ 55	.5	3.2	3.0	1.2	.8	81	82	74	47
54/ 53	.1	3.4	3.3	2.1	.4	85	85	65	54
52/ 51	1.0	5.4	4.4	1.7	.2	115	115	96	61
50/ 49	1.8	6.2	4.9	1.1	.3	129	129	133	76
48/ 47	1.7	4.8	4.2	1.2	.1	108	108	130	121
46/ 45	1.2	7.0	3.1	.1		103	103	135	125
44/ 43	1.4	2.8	2.1	.3		60	60	101	93
42/ 41	1.3	2.7	.7	.2		46	46	55	142
40/ 39	.4	.7	.1			11	11	38	65
38/ 37	.5	.3		.1		9	9	20	51
36/ 35	.1	.2				3	3	7	22
34/ 33								2	13
32/ 31		.1				1	1	2	5
30/ 29									3
28/ 27									1
24/ 23									2
TOTAL	13.943.131.512.0 2.6						902		901
						901		901	

6347166	74968	83.2	11.027	901			
2331271	45563	50.5	5.546	902	.1	.1	93
2100197	43245	48.0	5.226	901	.2		93
1892533	40949	45.4	5.913	901	1.1		93

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 OCT

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74/ 73							.3	3	3		
72/ 71							.1	1	1		
70/ 69						.3		3	3		
68/ 67					.2	.2	.1	5	5		
66/ 65				.1	.3	.1		5	5		
64/ 63		.7	.2	2.6	1.3	.7		49	49		
62/ 61		1.1	1.3	1.6	1.1	.4		50	50	13	
60/ 59		1.7	2.6	3.4	2.8	1.0	.1	104	104	26	14
58/ 57	.2	3.0	2.6	2.2	1.7	.4		91	91	54	9
56/ 55		1.8	3.7	4.7	2.8	.3		119	119	91	40
54/ 53		2.7	4.3	3.6	2.3			116	116	87	59
52/ 51	.5	4.2	4.6	4.1	2.3	.3		145	145	115	76
50/ 49		2.8	3.2	2.7	1.1			68	69	150	77
48/ 47	.2	2.4	2.2	1.6	.6	.1		64	64	132	111
46/ 45	.1	2.3	1.1	.3	.2			37	37	126	129
44/ 43	.1	.3	.2	.4				10	10	72	93
42/ 41	.2	.4	.2	.2				10	10	20	114
40/ 39										13	58
38/ 37										6	63
36/ 35										2	21
34/ 33											15
32/ 31											10
30/ 29											5
28/ 27											2
26/ 25											[illegible]
24/ 23											1
TOTAL	1.4	23.4	26.2	27.4	16.8	4.0	.7	900	901	900	900

4930609	65571	72.9	13.059	900				
2585878	48970	54.4	5.199	901		1.2	.3	93
2259512	44864	49.9	4.844	900				93
1694600	40908	45.5	6.257	900	2.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION F

74/ 73							.4		4	4		
72/ 69						.2	.1	.1	4	4		
6-/ 67					.1	.1	.1		3	3		
66/ 65				.3	.3	.1			7	7		
64/ 63		.7	.5	1.5	.7	1.1			41	41		
62/ 61		.9	.3	1.2	.7	.3	.1		36	36	12	
60/ 59		1.8	4.8	2.2	1.9	1.0			105	105	23	13
58/ 57		2.3	2.1	3.1	1.4	.3			84	84	39	13
56/ 55	.2	3.1	3.6	3.1	2.2	.1			112	112	95	35
54/ 53		3.6	4.0	2.5	.9				100	100	92	57
52/ 51	.3	3.6	5.6	4.3	1.3	.3			141	141	171	67
50/ 49	.3	4.3	4.8	2.8	1.0				119	119	136	72
48/ 47	.4	3.3	1.8	2.3	.3				74	74	147	11[illegible]
46/ 45		2.3	2.1	.6	.3	.1			49	49	115	148
44/ 43		.8	.6	.3					15	15	62	61
42/ 41		.6	.1	.2					8	8	26	114
40/ 39		.2							2	2	16	73
38/ 37		.1							1	1	6	48
36/ 35											1	20
34/ 33												20
32/ 31												[illegible]
30/ 29												4
28/ 27												1
24/ 23												1
TOTAL	1.3	27.6	30.7	24.5	11.2	3.8	.8	.1		925		925
									925		925	

	Σx^2	Σx	$\bar{x}$	σ_x	N			
	5199840	67646	74.7	12.599	905			
	2640593	48647	53.8	5.326	905	1.1	.4	93
	2250268	44912	49.6	4.870	905			93
	19142.3	41256	45.6	6.085	905	1.4		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 OCT

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	WET BULB TEMPERATURE DEPRESSION (F)						TOTAL		TOTAL	
66/ 65					.1	.1	2	2		
64/ 63				.8	.2		9	9		
62/ 61		.7	.1	.1	.2		10	10		
60/ 59	.2	2.5	1.1	.3	.3		41	41	11	8
58/ 57	.2	3.5	2.7	.3			62	62	33	14
56/ 55	.2	4.4	2.6	1.1	.1		77	77	46	40
54/ 53	.4	6.3	2.3	.7			89	89	95	31
52/ 51	.8	6.8	4.9	.3			117	118	96	99
50/ 49	.7	6.1	4.9	.4			111	111	120	80
48/ 47	.9	8.6	4.4	.2			129	129	134	110
46/ 45	.4	8.4	5.2	.2			131	131	134	136
44/ 43	.2	4.4	2.7	.2			69	69	91	105
42/ 41	.3	3.5	1.5	.1			50	50	81	125
40/ 39		1.0					9	9	45	55
38/ 37	.3	.7					9	9	23	60
36/ 35	.1						1	1	7	31
34/ 33										17
32/ 31										4
30/ 29										1
TOTAL	4.3	55.8	32.5	4.8	1.0	.1		917		916
							916		916	

Σx^2	Σx	$\bar{x}$	σ_x	N		
6581501	77227	84.3	8.782	916		
2323747	45909	50.1	5.260	917		93
2113338	43746	47.8	5.136	915		93
1923663	41640	45.5	5.799	916	.5	93

GLOBAL CLIMATOLOGY BRANCH
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036490 BRIZE NORTON RAF UK 73-82 OCT

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WET BULB TEMPERATURE DEPRESSION F					TOTAL		DATA	
62/ 61	.3	.1	.1		5	5		
60/ 59	.1 2.5	.5	.1		30	30	7	7
58/ 57	.1 2.1	1.1	.2		32	32	22	12
56/ 55	.4 4.7	1.3	.1		60	60	30	25
54/ 53	.3 6.0	.8			65	65	72	39
52/ 51	1.5 7.2	3.0			107	107	94	78
50/ 49	.8 6.5	2.0	.1		85	95	95	78
48/ 47	1.8 7.0	2.6	.1		105	105	100	95
46/ 45	1.4 11.4	2.4	.1		140	140	125	116
44/ 43	.7 8.9	1.8	.2		105	105	107	92
42/ 41	2.2 8.3	1.6			111	111	111	153
40/ 39	.3 2.1	.3			25	25	74	75
38/ 37	1.1 1.6	.1			26	26	41	58
36/ 35	.4 1.1				14	14	24	46
34/ 33	.2 .1				3	3	11	24
32/ 31								12
30/ 29								2
28/ 27								1
TOTAL	11.4 69.9	17.6	1.1			913		913
					913		913	

	Σx	Σx	$\bar{x}$	σ_x	N Obs					
	7199732	80790	88.5	7.459	913					
	2110007	43583	47.7	5.692	913					93
	1970865	42131	46.1	5.607	913					93
	1041331	40629	44.5	6.048	913	1.5				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 OCT

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION (F)								TOTAL		TOTAL	
74/ 73							.1		7	7		
72/ 71							.0		1	1		
70/ 69						.1	.0	.0	7	7		
68/ 67					.1	.0	.0		9	9		
66/ 65				.1	.1	.0			14	14		
64/ 63		.2	.1	.7	.3	.2			114	114		
62/ 61	.0	.7	.4	.4	.2	.1	.0		141	141	31	3
60/ 59	.1	1.6	1.5	.9	.7	.2	.0		367	367	107	65
58/ 57	.2	2.6	1.5	.9	.4	.1			417	417	213	96
56/ 55	.6	3.8	2.0	1.3	.7	.1			624	625	412	260
54/ 53	.5	4.7	2.1	1.2	.5				655	655	631	386
52/ 51	1.0	5.7	3.3	1.3	.5	.1			869	870	734	601
50/ 49	1.2	5.4	2.9	.9	.3				780	781	910	603
48/ 47	1.6	5.7	2.4	.7	.1	.0			771	771	923	800
46/ 45	1.5	7.6	2.2	.2	.1	.0			847	847	940	1014
44/ 43	.9	4.6	1.3	.2					505	505	772	564
42/ 41	1.8	4.9	.9	.1					561	561	621	1066
40/ 39	.7	1.9	.2	.0					207	207	386	544
38/ 37	1.5	1.2	.1	.0					201	201	315	495
36/ 35	.5	1.1							119	119	165	301
34/ 33	.5	.3							55	55	105	216
32/ 31	.1	.1							11	11	17	96
30/ 29	.1	.1							9	9	9	40
28/ 27	.0								3	3	3	15
26/ 25												5
24/ 23												4
TOTAL	12.9	52.2	20.9	9.0	3.9	1.0	.2	.0		7297		7294
									7294		7294	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs				
	53277668	617412	84.6	11.802	7294				
	18120175	360435	49.4	6.586	7297	2.3	2.4	.7	744
	16403815	343211	47.1	5.906	7294	3.0			744
	14683105	326295	44.7	6.267	7294	16.3			744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 NOV

STATION NAME

WET BULB TEMPERATURE DEPRESSION (F)

Temp	0	1-2	3-4	5-6	Total	Total	Total	Total
60/ 59			.1		1	1		
58/ 57		1.6	.2	.2	18	18	2	
56/ 55	.3	2.1	1.0		31	31	20	11
54/ 53	.5	4.6	1.0		54	54	41	29
52/ 51	.5	3.6	1.8	.3	55	55	47	32
50/ 49	1.4	4.0	1.6		61	61	52	54
48/ 47	.5	5.2	.8	.1	59	59	73	44
46/ 45	.5	7.5	1.7	.3	88	88	67	67
44/ 43	.7	3.5	2.0	.1	56	56	69	49
42/ 41	2.9	6.4	2.9		109	109	77	86
40/ 39	.5	6.9	.7		71	71	75	55
38/ 37	3.2	4.8	.7		76	76	110	60
36/ 35	2.3	5.4	.2		70	70	68	101
34/ 33	1.5	3.5	.2		47	47	68	78
32/ 31	1.8	3.1			43	43	55	66
30/ 29	.7	2.0			24	24	32	40
28/ 27	1.2	.8			18	18	20	50
26/ 25	.3				3	3	5	15
24/ 23								5
22/ 21								1
TOTAL	18.3	65.0	15.0	1.1		884		884
					984		884	

[illegible]	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	[illegible]	[illegible]
[illegible]	6967308.	78168.	88.4.	7.912.	884		
[illegible]	1655229.	37671.	42.6.	7.518.	884	9.0.	90
[illegible]	1542046	36366.	41.1.	7.219.	884	11.4.	90
[illegible]	1421753	34819	39.4	7.548	884	18.1	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK — 73-82 NOV

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
58/ 57		2.1																								19	19		
56/ 55	.1	2.4	.1																							23	23	23	12
54/ 53	.1	3.3	1.0																							39	39	39	22
52/ 51	.5	4.3	1.7																							58	58	32	36
50/ 49	.9	4.3	1.9	.3																						66	66	70	36
48/ 47	1.0	4.5	.5																							53	53	69	57
46/ 45	1.9	5.2	1.8	.3																						82	82	72	98
44/ 43	1.5	4.2	1.0																							59	60	52	53
42/ 41	3.0	8.1	2.6																							122	122	79	78
40/ 39	1.1	5.1	.6																							60	60	77	60
38/ 37	3.2	6.1	.9																							90	90	95	74
36/ 35	1.1	5.0	.5																							58	58	88	76
34/ 33	2.1	3.7	.2																							54	55	75	87
32/ 31	1.1	2.8																								35	35	43	59
30/ 29	1.2	1.6																								25	25	30	51
28/ 27	2.6	.8																								30	30	27	49
26/ 25	1.2	.1																								12	12	17	21
24/ 23	.2																									2	2	2	13
22/ 21	.1																									1	1	1	6
TOTAL	23.2	63.4	12.7	.7																							890		888
																										888		888	

	Σx	Σx^2	$\bar{x}$	σ_x	N Obs		
	7160177.	79443	89.5	7.729	888		
	1620329.	37349.	42.2	7.719	821	10.6	90
	1517218.	36106	40.7	7.444	888	12.2	90
	1409606	34692	39.1	7.822	888	20.2	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 NOV

58/ 57		1.5	.2			15	15		
56/ 55	.2	2.4	.6			28	29	15	5
54/ 53		3.5	.5	.1		36	36	25	26
52/ 51	.8	6.0	2.0			76	78	41	35
50/ 49	1.5	3.1	1.6			54	54	61	52
48/ 47	.8	3.7	.2	.5		46	46	59	53
46/ 45	1.8	6.1	1.0	.3		82	82	74	90
44/ 43	1.8	3.6	2.3	.1		69	69	56	62
42/ 41	1.2	8.8	2.0	.1		108	108	58	64
40/ 39	.9	6.9	.8			76	76	84	47
38/ 37	2.3	4.2	.6			62	62	99	98
36/ 35	.5	5.4	.6			57	57	61	56
34/ 33	3.4	3.4	.2			62	62	96	97
32/ 31	1.0	2.3				29	29	39	40
30/ 29	1.0	1.7				24	24	25	64
28/ 27	2.6	1.0				32	32	30	50
26/ 25	1.7	.1				16	16	18	15
24/ 23	1.0					9	9	9	24
22/ 21	.1					1	1	1	4
20/ 19									1
TOTAL	22.6	83.7	12.6	1.1			884		884
						884		884	

	Σx	Σx^2	$\bar{x}$	σ_x	N		
	7118991.	79009.	89.4	8.065	884		
	1609835.	37257.	41.9	7.993	884	11.3	90
	1508392.	35880	40.6	7.680	884	12.4	90
	1403148	34458	39.0	8.034	884	20.3	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

026490 BRIZE NORTON RAF UK 73-82 NOV

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
	0	2	4	6	8				
62/ 61			.1			1	1		
60/ 59		.7	.6			11	11		
58/ 57		1.9	.4	.1		22	22	6	1
56/ 55	.6	2.9	1.3	.2		45	45	28	17
54/ 53	.1	3.6	2.6	.3		59	59	44	25
52/ 51	1.6	4.4	2.8	.1	.1	80	80	64	58
50/ 49	.2	3.3	2.8	.6		61	61	71	32
48/ 47	1.0	3.7	2.8	.9		75	75	71	73
46/ 45	1.9	5.5	4.2	.9		111	111	94	80
44/ 43	.7	3.9	2.4	.8		69	69	68	64
42/ 41	.7	8.3	3.8	.6		119	119	91	82
40/ 39	.7	3.7	1.6	.2		55	55	94	76
38/ 37	1.2	3.4	1.1	.1		52	52	75	87
36/ 35	.4	2.8	1.1			39	39	56	69
34/ 33	1.0	2.5	.6			36	36	57	69
32/ 31	.2	2.0				20	20	39	32
30/ 29	.7	.8				13	13	16	61
28/ 27	1.0	.4				13	13	14	49
26/ 25	.4					4	4	4	12
24/ 23	.4					4	4	4	11
22/ 21									1
TOTAL	12.9	53.9	28.1	4.9	.1		889		869
						889		689	

	Σx	Σx^2	$\bar{x}$	σ_x	N		
	6457730	752600	84.7	9.867	889		
	1815783	396331	44.6	7.419	889	5.5	90
	1655018	37920	42.5	7.203	889	7.8	90
	1486682	35682	40.1	7.835	889	16.8	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03490 BRIZE NORTON RAF UK 73-82 NOV

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WET BULB TEMPERATURE DEPRESSION F							TOTAL		TOTAL	
64/ 63				.1			1	1		
62/ 61			.1	.6	.2	.5	.1	13	13		
60/ 59			1.0	1.1	.8	.2	.1	29	29	1	
58/ 57			2.5	1.6	.8			43	43	15	5
56/ 55		.3	2.6	2.5	2.0	.3		69	69	37	20
54/ 53		.3	3.2	2.3	2.3	.2		73	73	63	35
52/ 51		.3	2.5	3.8	1.8	.6		80	80	67	45
50/ 49		.3	1.8	5.1	1.6	.5		82	82	74	38
48/ 47		.8	4.1	3.4	3.5	.9		112	112	87	64
46/ 45		.2	2.8	5.8	3.2	1.0		115	115	96	93
44/ 43			1.7	3.8	3.5	.1		81	81	99	62
42/ 41		.6	3.7	4.2	.9			83	83	74	93
40/ 39		.1	1.2	1.6	.2			28	28	125	56
38/ 37		.5	.7	2.3	.3			33	33	72	144
36/ 35		.2	.7	.9	.2			18	18	31	54
34/ 33		.3	.8					10	10	40	63
32/ 31		.5	.1					5	5	12	46
30/ 29		.3	.1					4	4	6	42
28/ 27		.7						6	6	6	55
26/ 25											2
24/ 23											3
22/ 19											2
TOTAL		5.5	29.6	38.9	21.5	4.3	.2		885		885
								885		695	

	5383564.	6822.	77.1	12.015.	885	
	2056235.	42255.	47.7	6.617.	885	1.5. 90
	1786069.	39339.	44.5	6.506.	885	2.4. 90
	1514666.	35972.	40.6	7.709.	885	15.3. 91

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 NOV

WET BULB TEMPERATURE DEPRESSION

62/ 61			.3	.2			5	5	
60/ 59		1.3	1.1	.3	.2		27	27	
58/ 57		1.2	.6	.6			21	21	16	6
56/ 55	.5	3.6	2.7	.4			65	65	27	17
54/ 53	.2	3.3	2.7	.8	.4		56	56	50	28
52/ 51		3.1	4.0	.9	.1		73	73	72	46
50/ 49	.3	3.3	4.2	1.1			79	79	67	35
48/ 47	.4	4.3	4.4	2.0	.2		101	101	79	72
46/ 45	.1	4.3	6.7	2.1	.2		120	120	106	82
44/ 43	.1	2.9	3.9	1.6	.2		78	78	86	49
42/ 41	.2	5.5	6.1	.9			113	113	81	111
40/ 39	.1	2.1	2.0	.1			39	39	110	65
38/ 37	.9	2.4	1.5	.1			43	43	75	98
36/ 35	.7	1.1	1.2				27	27	56	80
34/ 33	.8	.9	.4				19	19	41	59
32/ 31	.3	.2	.1				6	6	15	44
30/ 29	.4	.3					7	7	11	45
28/ 27	.1						1	1	1	38
26/ 25										7
24/ 23										0
TOTAL	5.4	39.9	42.0	11.2	1.5			890		890
							890		890	

	5774198	71052	79.8	10.704	890	
	1968205	41441	46.6	6.589	890	1.4
	1742063	38349	43.8	6.498	890	2.7
	1510421	36053	40.5	7.496	890	14.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-62 NOV

	WET BULB TEMPERATURE DEPRESSION F							
61/ 55		.2	.7			8	3	
56/ 57	.1	1.0	.6			15	15	3
56/ 55	.5	1.7	1.5	.3		35	35	19
54/ 53	.2	3.2	1.9			47	47	32
52/ 51	.3	3.5	3.5	.2		67	67	53
50/ 49	.5	5.2	1.2			62	62	71
48/ 47	1.3	3.8	3.3	.1		73	73	69
46/ 45	.5	7.6	4.1			127	127	74
44/ 43	.5	4.9	2.0	1.0		74	74	90
42/ 41	.6	7.8	5.4	.1		123	123	74
40/ 39	.7	6.5	1.5			77	77	81
38/ 37	1.6	4.1	1.2			59	59	122
36/ 35	1.1	3.3	.9			47	47	83
34/ 33	1.5	3.5	.7			50	50	67
32/ 31	.8	1.5				20	20	39
30/ 29	.3	1.2				16	16	20
28/ 27	.7					6	6	9
26/ 25								
TOTAL	11.3	58.7	28.2	1.8			886	
						886		886

	6497891.	75482.	85.2	8.641.	886		
	1745333.	38837.	43.8	6.966.	886	4.3.	90
	1596781	37137.	41.9	5.737.	886	5.9.	90
	1437352	35098.	39.6	7.286	886	15.7	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03490 BRIZE NORTON RAF UK 73-82 NOV

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60/ 59		.2				2	2		
58/ 57		1.2	.1			12	12	4	
56/ 55	.2	2.4	1.2			34	34	14	5
54/ 53	.3	2.5	1.6			39	39	29	25
52/ 51	.7	4.3	1.8	.1		58	58	56	42
50/ 49	1.3	3.9	1.2	.2		56	56	57	47
48/ 47	.8	4.6	2.2			67	67	60	58
46/ 45	.8	7.5	3.3			102	102	80	77
44/ 43	.6	3.7	1.7	.3		56	56	73	46
42/ 41	1.5	9.4	3.1	.1		124	124	66	109
40/ 39	1.3	6.9	.9			78	78	93	66
38/ 37	2.8	4.1	1.5			74	74	114	106
36/ 35	.3	4.6	.7			50	50	67	73
34/ 33	1.9	3.5	.5			52	52	77	68
32/ 31	1.2	2.4	.1			33	33	49	51
30/ 29	.9	2.2	.1			28	28	33	33
28/ 27	1.4	.3				15	15	17	17
26/ 25	.2					2	2	3	9
24/ 23									9
22/ 21									1
TOTAL	15.8	83.5	20.0	.8			882		882
						882		882	

	6753198	76840	87.1	8.175	882	
	1554231	37659	42.7	7.249	882	8.0
	1530449	36221	41.1	6.983	882	10.4
	1195759	34475	39.1	7.399	882	19.4

AL CLIMATOLOGY BRANCH
AFGWC/DNAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03449 BRIZE NORTON RAF UK 73-82 NOV

 ALL

WET-BULB TEMPERATURE DEPRESSION F

64/ 63				.0				1	1		
62/ 61		.0	.1	.1	.1	.0		19	19		
60/ 59		.4	.5	.1	.1	.0		78	78	1	
58/ 57	.0	1.6	.5	.2				165	165	44	14
56/ 55	.4	2.5	1.4	.4	.0			330	330	180	100
54/ 53	.2	3.4	1.7	.4	.1			413	413	336	209
52/ 51	.6	3.9	2.7	.4	.1			549	549	430	309
50/ 49	.8	3.6	2.5	.5	.1			521	521	543	332
48/ 47	.8	4.2	2.2	.9	.1			586	586	567	492
46/ 45	1.2	5.8	3.6	.9	.2			807	807	662	692
44/ 43	.7	3.6	2.4	.9	.0			542	543	593	431
42/ 41	1.3	7.3	3.8	.3				921	921	592	721
40/ 39	.6	4.9	1.2	.1				484	484	722	491
38/ 37	1.9	3.7	1.2	.1				489	489	765	739
36/ 35	.8	3.5	.8	.0				366	366	480	579
34/ 33	1.6	2.7	.4					330	331	521	593
32/ 31	.9	1.8	.0					191	191	291	393
30/ 29	.8	1.2	.0					141	141	173	406
28/ 27	1.3	.4						121	121	124	404
26/ 25	.5	.0						37	37	47	93
24/ 23	.2							15	15	15	72
22/ 21	.0							2	2	2	13
20/ 19											3
TOTAL	14.4	54.7	24.7	5.4	.7	.0			7090		7088
								7088		7088	

	52113057	6034e3	85.1	10.184	7088		
	14125153	311902	44.0	7.549	7091	51.5	723
	12678036	297818	42.0	7.172	7088	56.2	723
	11576387	291249	39.7	7.666	7088	140.8	723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

62/ 57			.1				1	1		
58/ 55		.2		.2			4	4	1	
54/ 53		2.5	.2				25	25	5	2
52/ 51	.1	2.7	.5				31	31	10	15
50/ 49	.1	4.6	1.2	.1	.1		56	56	38	26
48/ 47	.8	5.9	1.5	.3			78	78	52	43
46/ 45	1.3	6.8	.5	.2			81	81	95	86
44/ 43	.3	5.2	1.0	.3			63	63	70	64
42/ 41	2.6	3.7	2.8	.2			86	86	72	90
40/ 39	1.3	4.5	.3				56	56	55	51
38/ 37	2.9	5.3	.5				81	81	105	61
36/ 35	2.4	7.1	1.2				98	98	79	95
34/ 33	4.5	4.1	.1				76	76	114	103
32/ 31	3.2	4.0	.1				67	67	75	86
30/ 29	1.5	2.0					32	32	40	64
28/ 27	.8	1.0					35	35	34	61
26/ 25	2.1	1.3					28	28	27	32
24/ 23	1.1	.2					12	12	10	10
22/ 21	.2						2	2	4	5
20/ 19	.1						1	1	1	3
18/ 17	.2						2	2	2	2
16/ 15										2
-2/ -3	.2						2	2	2	
-4/ -5	.1						1	1	1	
-6/ -7										1
-8/ -9										2
TOTAL	27.5	60.8	15.2	1.4	.1			918		918
							918		916	

7389411	82021	89.3	8.159	918				
1476741	36079	39.3	8.006	918	.3	18.4		93
1382962	34946	38.1	7.573	918	.3	20.5		93
1270617	33383	36.4	7.860	918	.3	29.6		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03890 BRIZE NORTON RAF UK 73-82 DEC

WET BULB TEMPERATURE DEPRESSION

56/ 55		.3	.2				5	5		
54/ 53		1.2	.2	.1			14	14	4	
52/ 51		3.1	1.0				37	37	20	11
50/ 49	.1	3.4	.4				36	36	42	18
48/ 47	.4	4.9	1.3				61	61	49	42
46/ 45	1.7	9.2	1.5				112	112	93	90
44/ 43	1.0	4.4	1.0	.3			51	51	77	55
42/ 41	2.1	5.5	1.5	.1			83	83	59	95
40/ 39	1.6	4.9	.8				67	67	69	58
38/ 37	2.2	4.4	1.1	.1			71	71	80	59
36/ 35	1.6	7.4	.4				87	87	75	72
34/ 33	5.2	6.1	.4				106	106	144	109
32/ 31	3.0	4.4	.2				60	60	79	72
30/ 29	.9	.7					24	24	27	84
28/ 27	3.2	.9					37	37	39	63
26/ 25	2.4	.5					27	27	29	29
24/ 23	1.4	.4					17	17	17	34
22/ 21	.3						3	3	5	10
20/ 19	.3						3	3	3	5
18/ 17										4
16/ 15	.2						2	2	2	
14/ 13										2
12/ -1	.2						2	2	2	
-2/ -3	.1						1	1	1	1
-4/ -5										1
-6/ -7										1
TOTAL	26.7	62.4	10.2	.7				916		916
							916		916	

	7430946	92034	89.6	7.700	916		
	1444685	35645	38.9	7.934	916	.3 17.9	93
	1354714	34542	37.7	7.549	916	.3 20.7	93
	1247376	33036	36.1	7.817	916	.3 31.2	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

226490 BRIZE NORTON RAF UK 73-82 DEC

WET BULB-TEMPERATURE DEPRESSION						TOTAL			
60/ 57		.1	.3			4	4		
56/ 55		.3				3	3	1	
54/ 53		.9	.3			11	11	8	1
52/ 51	.3	2.4	1.2	.1		35	35	18	12
50/ 49		3.3	1.0			39	39	34	16
48/ 47	1.1	5.1	.3			60	60	50	41
46/ 45	1.4	8.4	1.8	.2		109	109	91	80
44/ 43	1.3	4.9	.7			63	63	73	63
42/ 41	2.3	5.9	1.3			87	87	79	100
40/ 39	2.0	4.7	1.1			71	71	66	66
38/ 37	2.6	4.7	.9			75	75	83	60
36/ 35	1.2	5.7	.8			70	70	72	70
34/ 33	4.9	7.6	.2			117	117	133	95
32/ 31	1.2	4.6	.1			54	54	79	60
30/ 29	1.3	2.8				35	35	37	81
28/ 27	2.0	.7				24	24	28	67
26/ 25	2.3	1.0				30	30	29	19
24/ 23	2.0	.3				21	21	22	45
22/ 21	.3					3	3	6	8
20/ 19	.1					1	1	1	6
18/ 17		.1				1	1	1	1
16/ 15	.1					1	1	1	1
14/ 13									2
12/ 11	.3					3	3	3	
10/ 9	.2					2	2	2	3
8/ 7									1
6/ 5	.1					1	1	1	1
4/ -1									1
TOTAL	26.6	63.3	9.8	.3			920		920
						920		920	

7443220	82466	89.6	7.465	920				
1447378	35762	38.9	7.893	920		17.8		93
1358459	34669	37.7	7.522	920		21.2		93
1251423	33163	36.0	7.606	920	.1	31.9		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

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WET BULB TEMPERATURE DEPRESSION F

58/ 57		.2	.1		3	3		
56/ 55		.8	.2	.1	10	10	2	2
54/ 53	.1	1.4	.4		18	18	12	5
52/ 51	.4	2.2	1.4	.3	40	40	24	10
50/ 49		3.5	2.0		50	50	36	21
48/ 47	.8	6.1	1.4	.3	79	79	71	37
46/ 45	1.2	7.6	1.4	.9	102	102	89	93
44/ 43	.9	4.1	1.5		60	60	72	65
42/ 41	1.6	8.2	2.6	.1	115	115	71	96
40/ 39	1.3	4.5	1.1		63	63	94	56
38/ 37	2.0	4.3	1.2	.1	69	69	80	63
36/ 35	1.1	5.6	1.1		71	71	70	54
34/ 33	3.7	6.5	1.0		103	103	127	104
32/ 31	1.2	3.3	.3		44	44	52	77
30/ 29	1.0	2.1			28	28	40	79
28/ 27	2.1	.7			25	25	28	59
26/ 25	1.3	.9			20	20	18	27
24/ 23	.5	.2			7	7	10	28
22/ 21	.1				1	1	2	7
20/ 19	.2	.1			3	3	2	3
18/ 17							1	2
16/ 15	.2				2	2	2	2
14/ 13	.1	.1			2	2	2	1
12/ 11	.2				2	2	2	2
10/ 9								3
TOTAL	20.1	62.3	15.8	1.9	917	917	917	917

	Σx^2	Σx	$\bar{x}$	σ_x	N		
	7085847.	80203	87.5	8.810	917		
	1532633.	36825	40.2	7.665	917	13.6	93
	1419278.	35454	38.7	7.278	917	17.1	93
	1284956.	33604	36.6	7.644	917	29.4	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

	WET BULB TEMPERATURE DEPRESSION					TOTAL	TOTAL		
60/ 59	.2					2	2		
58/ 57	.3					3	3	4	
56/ 55	.2	1.4	.7			21	21	5	7
54/ 53		2.0	1.2	.6		32	32	17	5
52/ 51	.1	3.0	4.4	.9		76	76	32	19
50/ 49		3.2	3.8	.3		66	66	51	23
48/ 47	.2	4.6	3.0	.6	.2	78	78	88	37
46/ 45	.7	6.0	3.1	1.4	.2	103	103	87	92
44/ 43	.3	4.7	5.2	2.1		112	112	79	77
42/ 41	.7	4.0	5.0	.7		93	93	75	91
40/ 39	.7	3.4	2.1	.8		63	63	102	62
38/ 37	1.2	5.3	2.3	.3		83	83	95	61
36/ 35	.6	3.6	1.7			53	53	82	76
34/ 33	1.9	2.5	1.2			51	51	87	111
32/ 31	1.0	2.3	.1			31	31	53	71
30/ 29	.4	2.0				22	22	30	62
28/ 27	.5	.4				9	9	11	65
26/ 25	.2					2	2	6	26
24/ 23	.3	.1				4	4	3	15
22/ 21		.1				1	1	1	3
20/ 19		.1				1	1	1	1
18/ 17								1	1
16/ 15									1
12/ 11									1
TOTAL	9.1	49.4	33.4	7.6	.4		906		906
						906		906	

	Σx^2	Σx	$\bar{x}$	s_x	N	MEAN WET BULB TEMPERATURE
	6200976	74350	82.110	6.486	906	
	1699835	38733	42.8	6.968	906	7.2
	1521189	36631	40.4	6.662	906	10.9
	1322375	33971	37.5	7.329	906	25.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

PAGE 1 1500-1700

	WET BULB TEMPERATURE DEPRESSION (F)				TOTAL		TOTAL	
58/ 57		.4			4	4		
56/ 55	.1	1.1	.2		13	13	5	3
54/ 53	.2	1.5	.3		23	23	16	7
52/ 51		3.4	1.6	.1	47	47	22	16
50/ 49		3.1	3.6	.2	63	63	40	22
48/ 47	.1	8.7	2.5	.8	110	110	36	31
46/ 45	.4	6.7	1.8	.7	87	88	104	105
44/ 43	.4	5.8	3.8	1.3	104	104	85	73
42/ 41	.8	5.7	6.4	.4	121	121	58	107
40/ 39	.4	3.9	2.5	.2	65	65	101	53
38/ 37	1.4	4.4	2.6	.1	78	78	106	66
36/ 35	1.1	3.8	1.5		59	59	81	60
34/ 33	1.6	4.4	.9		63	63	96	88
32/ 31	.8	1.8	.1		24	24	49	79
30/ 29	.4	1.9	.2		23	23	27	60
28/ 27	1.5	.7			20	20	22	61
26/ 25	.2	.2			4	4	7	16
24/ 23	.1				1	1	2	16
22/ 21								2
20/ 19								2
18/ 17	.1				1	1	1	
16/ 15								1
14/ 13	.1				1	1	1	
12/ 11								1
10/ 9	.1				1	1	1	
8/ 7								1
TOTAL	10.1	57.5	28.6	3.8		913		912
					912		912	

	Σx²	Σx	x̄	σ	N			
	6538505	76747	84.2	9.374	912			
	1655324	38368	42.0	6.862	913	7.6		93
	1530796	36502	40.0	6.613	912	11.2		93
	1328276	34178	37.5	7.215	912	26.4		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL	TOTAL		
	0	1	2	3-4	5-6	7-8	9	10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	DB WB	WB	DP	DP
58/ 57		.3																								3	3		
56/ 55		.3																								3	3	3	
54/ 53		2.1	.1																							20	20	10	3
52/ 51	.1	3.2	1.0	.2																						41	41	18	16
50/ 49		2.6	1.6																							39	39	39	17
48/ 47	.3	8.1	1.4																							90	90	62	31
46/ 45	1.2	7.8	2.2	.2																						104	104	113	113
44/ 43	.2	4.8	1.1	.3	.1																					60	60	51	59
42/ 41	1.3	8.8	4.2	.1																						131	131	74	85
40/ 39	.7	3.7	1.4																							53	53	90	56
38/ 37	3.0	4.4	1.4																							80	81	99	66
36/ 35	2.1	5.1	.7																							72	72	80	76
34/ 33	2.7	4.9	1.0	.1																						80	80	105	84
32/ 31	2.0	3.9	.1	.2																						57	57	71	78
30/ 29	.4	2.4	.2																							28	28	39	68
28/ 27	2.3	1.9																								38	38	35	58
26/ 25	.4	.3																								7	7	15	31
24/ 23	.3	.1																								4	4	5	13
22/ 21	.1																									1	1	2	8
20/ 19																													4
18/ 17																													2
16/ 15																													3
6/ 5	.1																									1	1	1	
4/ 3																													1
2/ 1	.2																									2	2	2	
0/ -1																													2
TOTAL	17.5	64.8	16.4	1.2	.1																						915		914
																										914		914	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Min		Max		
	7027000	79743	87.2	8.772	914					
	1534058	36856	40.3	7.360	915			14.2		93
	1417815	35415	38.7	7.066	914			17.3		93
	1284027	33555	36.7	7.558	914	.2		29.3		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

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Temp	Wet bulb temperature depression (F)					Total	Total	Total	Total
58/ 57		.2	.1			3	3		
56/ 55		.3				3	3	2	
54/ 53		1.2	.2			13	13	5	2
52/ 51	.2	2.7	1.3		.1	40	40	20	11
50/ 49		3.4	2.0	.1	.1	51	51	38	16
48/ 47	.2	5.7	1.1	.3		67	67	59	33
46/ 45	1.3	7.3	2.1	.3		101	101	95	99
44/ 43	.8	4.7	1.7	.2		68	68	64	62
42/ 41	1.2	6.8	3.2	.1		103	103	69	64
40/ 39	1.6	3.7	.9			57	57	84	57
38/ 37	3.4	5.4	.8			87	87	95	79
36/ 35	1.7	4.8	.8			67	67	82	78
34/ 33	3.7	5.5	.5			89	89	102	99
32/ 31	1.9	4.3	.1			57	57	77	76
30/ 29	.4	3.5	.1			37	37	44	68
28/ 27	2.7	1.4				38	39	38	73
26/ 25	1.5	.7				20	20	22	32
24/ 23	.9	.2				10	10	13	26
22/ 21	.1					1	1	3	9
20/ 19									6
18/ 17									2
0/ -1	.3					3	3	3	
-4/ -5									2
-6/ -7									1
TOTAL	22.1	61.7	14.9	1.1	.2		916		915
						915		915	

	Σx²	Σx	x̄	σ	No. Obs			
	7170982.	80640	88.1	8.374.	915			
	1467939.	36235.	39.6.	7.722.	916	.3.	17.0.	93
	1381511.	34923	38.2.	7.292.	915	.3.	20.3.	93
	1257598	33192	36.3	7.654	915	.3	30.0	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 DEC

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION (F)

Temp		0	1-2	3-4	5-6	7-8	Total		Total	
60/	59		.0				2	2		
58/	57		.2	.1			21	21	2	
56/	55	.0	.6	.2	.0		62	62	19	12
54/	53	.0	1.6	.4	.1		156	156	77	26
52/	51	.2	2.8	1.5	.2	.0	347	347	184	110
50/	49	.0	3.4	1.9	.1	.0	400	400	318	159
48/	47	.5	6.1	1.6	.3	.0	623	623	517	295
46/	45	1.2	7.4	1.8	.5	.0	799	800	767	758
44/	43	.7	4.8	2.0	.6	.0	591	591	571	508
42/	41	1.6	6.1	3.4	.2		819	819	557	748
40/	39	1.2	4.2	1.3	.1		495	495	653	459
38/	37	2.3	4.8	1.4	.1		624	625	745	557
36/	35	1.5	5.4	1.0			577	577	619	601
34/	33	3.5	5.2	.7	.0		685	665	908	793
32/	31	1.5	3.6	.2	.0		394	394	545	518
30/	29	.8	2.3	.1			229	229	284	606
28/	27	2.1	.9				226	227	235	507
26/	25	1.3	.6				138	138	153	210
24/	23	.5	.2				76	76	58	207
22/	21	.2	.0				12	12	23	52
20/	19	.1	.0				9	9	8	37
18/	17	.0	.0				4	4	6	14
16/	15	.1					5	5	5	10
14/	13	.0	.0				3	3	3	5
12/	11	.1					5	5	5	4
10/	9	.0					3	3	3	6
8/	7									2
6/	5	.0					2	2	2	1
4/	3									1
2/	1	.0					2	2	2	
0/	-1	.1					5	5	5	3
-2/	-3	.0					3	3	3	1
-4/	-5	.0					1	1	1	3
-6/	-7									3

Σx Σx $\bar{x}$ σ_x No. Obs.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03692C BRIZE NORTON RAF UK 73-82 DEC

-H/ -9									2
TOTAL	23.36	0.317.4	2.2	.1			7321		7318
						7318		7318	

	56256887	638201	87.2	9.052	7318			
	12276593	294503	40.2	7.678	7321	.9	113.6	744
	11336664	283082	38.7	7.265	7318	.9	139.4	744
	10246648	268382	36.6	7.638	7318	1.2	233.2	744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 ALL

	WET BULB TEMPERATURE DEPRESSION F															TOTAL	TOTAL		
92/ 91													.0		.0	.0	10	10		
90/ 89												.0	.0	.0	.0		29	29		
88/ 87											.0	.0	.0	.0	.0		31	31		
86/ 85											.0	.0	.0	.0	.0	.0	36	37		
84/ 83										.0	.0	.0	.0	.0	.0	.0	37	37		
82/ 81								.0	.0	.0	.0	.0	.0	.0	.0		78	80		
80/ 79							.0	.0	.0	.0	.0	.0	.0	.0	.0		120	120		
78/ 77						.0	.0	.1	.1	.1	.0	.0	.0	.0			372	373		
76/ 75						.0	.1	.1	.1	.0	.0	.0	.0				383	384		
74/ 73				.0	.0	.1	.1	.2	.2	.1	.0	.0					593	596		
72/ 71				.0	.0	.2	.2	.2	.1	.0	.0	.0					672	673		
70/ 69			.0	.0	.1	.3	.3	.3	.1	.0	.0						1014	1015	30	
68/ 67			.0	.1	.2	.3	.4	.2	.1	.0	.0						1161	1162	172	1
66/ 65			.1	.2	.4	.5	.5	.3	.1	.0	.0						1804	1804	442	16
64/ 63	.0	.5	.4	1.0	.8	.8	.3	.0	.0	.0	.0						3433	3433	934	237
62/ 61	.1	.7	.8	.7	.9	.3	.1	.0	.0								2973	2974	1959	540
60/ 59	.2	1.7	1.6	1.2	.8	.4	.2	.0	.0								5161	5161	2752	1651
58/ 57	.1	1.8	1.2	.8	.4	.2	.1	.0									4042	4042	4400	1944
56/ 55	.3	2.4	1.4	.9	.5	.1	.1	.0									4905	4909	5252	3426
54/ 53	.3	2.4	1.4	.7	.3	.1	.0										4483	4484	6267	4038
52/ 51	.4	2.9	2.0	.7	.4	.1	.0										5537	5539	5616	5511
50/ 49	.3	2.8	1.9	.6	.2	.1	.0	.0									5113	5116	6234	4991
48/ 47	.5	3.9	1.7	.7	.3	.1	.0										6096	6097	6441	6206
46/ 45	.6	5.2	2.0	.6	.2	.0											7388	7390	7356	8877
44/ 43	.5	3.4	1.4	.6	.1	.0											5047	5049	6330	5776
42/ 41	1.0	4.6	2.0	.3	.1	.0											6752	6753	5712	9031
40/ 39	.5	2.6	.8	.1	.0	.0											3388	3389	5421	4914
38/ 37	1.1	2.5	.7	.1	.0												3709	3710	5177	5657
36/ 35	.5	2.4	.5	.0	.0												2972	2972	3900	4321
34/ 33	1.2	2.1	.3	.0	.0												3137	3139	4550	5023
32/ 31	.5	1.4	.1	.0													1753	1753	2578	3738
30/ 29	.4	1.0	.1	.0													1261	1261	1519	3524
28/ 27	.8	.4	.0														981	982	1064	3099
26/ 25	.3	.1	.0														400	400	516	1166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

036490 BRIZE NORTON RAF UK 73-82 ALL

WET BULB TEMPERATURE DEPRESSION F

																	TOTAL		TOTAL	
24/	23	.2	.1														237	237	254	981
22/	21	.1	.0														67	67	120	276
20/	19	.0	.0														38	38	37	197
18/	17	.0	.0														32	32	42	95
16/	15	.0	.0														26	26	26	62
14/	13	.0	.0														12	12	12	42
12/	11	.0															12	12	12	26
10/	9	.0	.0														7	7	7	15
8/	7	.0															2	2	2	6
6/	5	.1															6	6	6	6
4/	3	.0															3	3	3	5
2/	1	.0															6	6	6	4
0/	-1	.0															5	5	5	6
-2/	-3	.0															3	3	3	2
-4/	-5	.1															3	3	3	3
-6/	-7																			3
-8/	-9																			4
TOTAL		10.	24	5.	22	2.	6	9.8	6.2	4.0	2.3	1.2	.5	.2	.1	.1	.0	.0	.0	85363	85330	85330	85330

	561255398	6797316	79.7	15.228	85330					
	215314898	4184886	49.0	10.936	85363	1.1	497.5	471.7	176.3	31.7	8763
	185496543	3902524	45.7	9.368	85330	1.1	535.7	21.0			8763
	160341861	3418519	42.4	8.989	85330	1.8	1353.3	.1			9763

MEANS AND STANDARD DEVIATIONS

MEANS AND STANDARD DEVIATIONS

2

MEANS AND STANDARD DEVIATIONS

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC

2

RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM

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RELATIVE HUMIDITY

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM [illegible] [illegible]

RELATIVE HUMIDITY

STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.3	[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]	11.7	[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]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.7	[illegible]	[illegible]	[illegible]

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

RELATIVE HUMIDITY

[illegible] STATION NAME: [illegible] RAF [illegible] PERIOD: [illegible]73-[illegible] MONTH: [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].2	94.2	75.[illegible]	[illegible]4.3	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.[illegible]	[illegible]	[illegible]8.3	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	97.2	9[illegible].7	[illegible]	[illegible]4.5	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.5	[illegible]7.6	67.7	44.1	[illegible]	[illegible]	67.[illegible]	[illegible]
	[illegible]-14	[illegible]	[illegible]	9[illegible]	[illegible]7.[illegible]	67.[illegible]	42.[illegible]	[illegible]	[illegible]	[illegible]3.4	[illegible]	[illegible]
	[illegible]-17	[illegible]	[illegible]9.7	97.2	[illegible]	64.1	39.8	23.[illegible]	[illegible]	3.5	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]5.6	[illegible]5.5	85.4	63.1	42.[illegible]	19.4	5.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]9.[illegible]	94.8	[illegible]1.[illegible]	[illegible]0.7	1[illegible].6	7[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	9[illegible].5	[illegible]	[illegible]7.[illegible]	75.6	62.[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]

USAFETAC FORM [illegible] 0-8-5 [illegible]

2

RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible] PERIOD [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10	20	30	40	50	60	70	80	90		
[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]	[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]	[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]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible] [illegible] O-1 A

2

RELATIVE HUMIDITY

STATION NAME _____ PERIOD _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM [illegible] [illegible]

AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	NORTON AFB	[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.2	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.6	[illegible]	[illegible]	7.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible]

[illegible]

RELATIVE HUMIDITY

[illegible] STATION — STATION NAME — [illegible] — PERIOD — [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[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]	[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]	52.7	[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]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

2

RELATIVE HUMIDITY

STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAFETAC FORM

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RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
	10	20	30	40	50	60	70	80	90		
TOTALS											

USAFETAC

RELATIVE HUMIDITY

STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[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]	[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]	[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]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM

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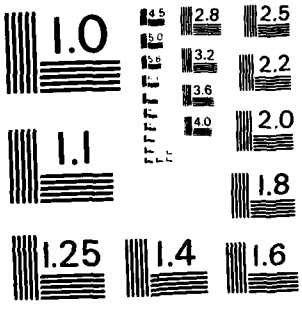
RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
		10	20	30	40	50	60	70	80	90		

AD-A131 621 BRIZE NORTON RAF UNITED KINGDOM REVISED UNIFORM SUMMARY 5/5
OF SURFACE WEATHE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83
UNCLASSIFIED USAFETAC/DS-83-014 SBI-AD-E850 392 F/G 4/2 NL





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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

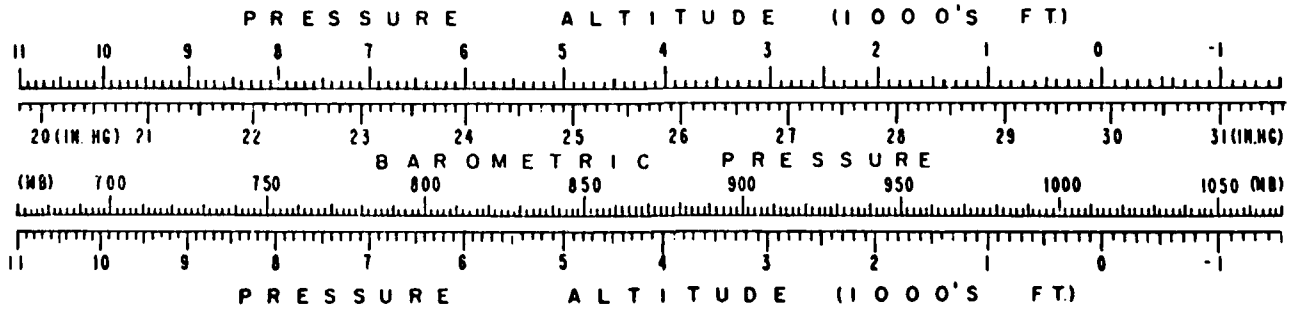
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury. DATA NOT AVAILABLE

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

036490 BRIZE NORTON RAF UK 73-82

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	1014.6	1014.3	1013.3	1018.5	1015.7	1017.5	1017.5	1017.6	1016.0	1013.8	1016.4	1012.5	1015.6
	S.D.	13.665	13.744	12.076	9.103	8.278	7.484	6.250	6.809	9.394	11.173	11.314	15.774	10.927
	TOTAL OBS	262	246	303	264	301	289	293	289	293	303	293	326	3439
03	MEAN	1014.2	1014.1	1012.8	1018.0	1015.4	1017.1	1016.9	1017.2	1015.5	1013.4	1015.9	1012.6	1015.3
	S.D.	13.912	13.794	12.156	9.169	8.348	7.628	6.566	6.892	9.529	11.104	11.322	15.436	10.948
	TOTAL OBS	262	250	302	266	307	291	300	290	291	307	296	322	3464
6	MEAN	1013.9	1014.1	1012.8	1018.0	1015.4	1017.3	1017.3	1017.3	1015.6	1013.3	1015.8	1012.2	1015.2
	S.D.	13.947	13.811	12.289	9.258	8.403	7.788	6.527	7.002	9.707	11.092	11.586	15.384	11.047
	TOTAL OBS	264	252	304	266	304	296	286	290	291	306	296	326	3461
9	MEAN	1014.7	1014.5	1013.3	1018.4	1015.7	1017.3	1017.3	1017.6	1016.0	1013.9	1016.2	1012.7	1015.6
	S.D.	13.960	13.940	12.154	9.171	8.336	7.741	6.594	7.031	9.846	11.099	11.691	15.373	11.033
	TOTAL OBS	260	251	307	264	304	284	291	295	288	301	295	327	3447
12	MEAN	1014.3	1014.6	1013.2	1018.0	1015.4	1017.2	1016.9	1017.3	1015.7	1013.6	1015.9	1012.5	1015.4
	S.D.	14.201	13.879	12.024	9.226	8.185	7.616	6.426	6.727	9.668	11.122	11.855	15.248	10.961
	TOTAL OBS	263	249	298	263	302	292	294	296	287	306	297	302	3449
15	MEAN	1013.7	1013.5	1012.4	1017.3	1014.8	1016.6	1016.4	1016.7	1015.1	1012.8	1015.3	1012.1	1014.7
	S.D.	13.959	13.913	11.760	9.100	8.074	7.455	6.211	6.542	9.329	10.892	11.805	15.262	10.831
	TOTAL OBS	263	248	301	262	302	289	295	286	292	302	297	320	3434
18	MEAN	1014.1	1013.9	1012.6	1017.4	1015.0	1016.5	1016.2	1016.6	1015.2	1013.4	1016.1	1012.4	1014.9
	S.D.	13.903	13.755	11.735	8.893	7.911	7.287	5.990	6.233	9.289	11.065	11.611	15.334	10.735
	TOTAL OBS	263	247	303	266	302	291	296	285	287	305	297	322	3441
21	MEAN	1014.6	1014.2	1013.3	1018.3	1015.7	1017.4	1017.2	1017.4	1015.9	1014.0	1016.4	1012.6	1015.5
	S.D.	13.738	13.731	11.830	8.961	7.998	7.334	6.090	6.401	9.423	11.112	11.649	15.804	10.862
	TOTAL OBS	264	254	305	266	305	290	293	292	290	305	292	326	3462
ALL HOURS	MEAN	1014.3	1014.2	1013.0	1018.0	1015.4	1017.1	1017.0	1017.2	1015.6	1013.5	1016.0	1012.5	1015.3
	S.D.	13.893	13.801	11.992	9.105	8.188	7.540	6.340	6.710	9.516	11.072	11.618	15.433	10.922
	TOTAL OBS	2095	1997	2423	2117	2427	2322	2348	2323	2316	2435	2363	2431	27597

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